

2013

精密滾珠螺桿

BSG-ZUAZO

PRECISION GROUND  
BALL SCREWS

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#### EDITION 2013

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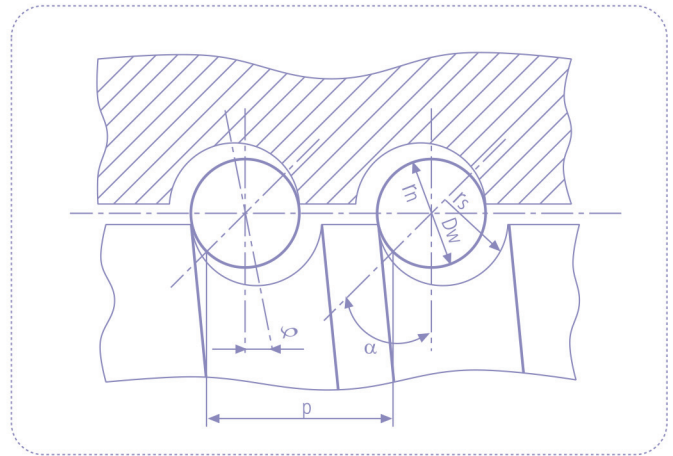


## 特性 (CHARACTERISTICS)

### 螺紋結構 (THREAD PROFILE)

BSG 螺桿與螺帽上之螺紋結構是一種螺旋形狀溝槽。主要結構是以哥德式 (Gothic Ogive) 與圓型兩種。

在哥德式結構中，其一般斷面形狀就如同哥德式穹頂弧度。BSG 滾珠螺桿以非常精確設計的螺紋斷面來製作以期能獲得最大的負載能力。兩座圈，螺桿及螺帽均為哥德式穹頂螺紋。



### 材質-硬度 (MATERIALS-HARDNESS)

BSG 滾珠螺桿乃採用能確保最大效能之特殊回火鋼材所製造而成。

### 滾珠迴轉方式 (BALL RETURN)

滾珠循環系統乃是將完成循環之滾珠迴轉到其起點。

滾珠循環是以封閉式螺桿座圈為主。

- 沿螺紋到螺紋路徑方式 (徑向式)
- 多條座圈路徑 (軸向式)

| 零件 | 材質-同等材質 |                 |       |          | 表面處理    | 硬度 (HRC) |
|----|---------|-----------------|-------|----------|---------|----------|
|    | UNE     | DIN             | AISI  | AFNOR    |         |          |
| 螺桿 | F-1252  | 42 Cr Mo4       | 4140  | 42CD4    | 高週波硬化處理 | 58 ÷ 62  |
| 螺帽 | F-1582  | 17 Cr Mn Ni Mo4 | —     | 8NCD6    | 表面硬化與回火 | 60 ÷ 62  |
| 滾珠 | —       | 100Cr 6         | 52100 | 100 Cr 6 | -       | 62 ÷ 65  |

### 螺紋保護器或接頭元件

#### (THREAD PROTECTORS OR JOINING ELEMENTS)

密封元件與滾珠螺桿之螺紋緊密接觸著，以防止灰塵進入螺帽中或潤滑油洩露出來。



# 計算(CALCULATIONS)

## 負載能力(LOAD CAPACITIES)

### 動態軸向負載系數 $C_a$ (Dynamic axial load coefficient)

(基本動額定負荷)  
(依據UNE-ISO 3408標準)

滾珠螺桿之動態軸向負載系數  $C_a$  乃為其中心軸向固定大小與方向之負載，理論上可支撐滾珠螺桿運轉  $10^6$  圈數之公稱工作壽命(Nominal working life)

### 靜態軸向負載系數 $C_{0a}$ (Static axial load coefficient)

(依據UNE-ISO 3408標準)

滾珠螺桿在靜止狀態時，其滾珠和滾軌道接觸面所承受的最大塑性變形量，不大於滾珠直徑的萬分之一(0.0001)的軸向負荷。

### 有效壽命(Serice Life)

(依據UNE-ISO 3408標準)

有效壽命( $L$ )定義為螺帽(或螺桿)相對於螺桿(或螺帽)在其中之一或其外殼元件首度出現材質疲乏症狀時的轉動圈數。對於單獨一支滾珠螺桿或一批滾珠螺桿的公稱有效壽命(Nominal service life-  $L_{10}$ ) 在相同負載下運轉，90% 的滾珠螺桿可達到此要求。

$$L_{10} = \left( \frac{C_a}{F_m} \right)^3 \cdot 10^6 \text{ [revolutions]}$$

$$L_h = \frac{L_{10}}{n_m \cdot f_n \cdot 60} \text{ [hours]}$$

$$C_a = 0,01 \cdot \sqrt[3]{L_h \cdot F_m^3 \cdot n_m \cdot f_n \cdot 60}$$

$L_{10}$ =公稱工作壽命(圈數)

$L_h$ =公稱工作壽命(小時)

$C_a$ =動態負載能力(N)

$F_m$ =平均負載(N)

$n_m$ =平均速度(min-1)

$f_n$ =採用因數

$f_n$ =螺桿操作/機器操作

$F_m=0.25/0.75$ (工具機)

(圖1)

## 速度與平均

### (VELOCITY AND AVERAGE)

(依據UNE-ISO 3408標準)

在轉速與負載均變動下之狀況下，必需決定其同等值之轉速( $n_m$ )與同等值之動態軸向負載( $F_m$ )以計算其工作壽命。

-在轉速變動但負載固定之狀況下，則依下列公式計算出其同等值之轉速( $n_m$ ) (參見圖1)

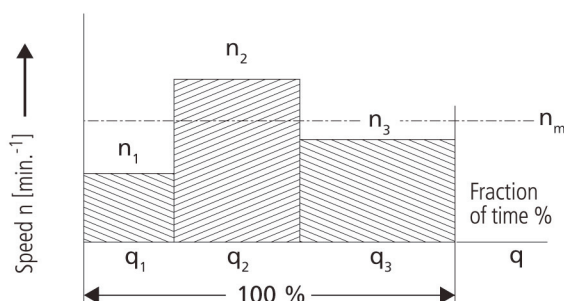
$$n_m = \frac{q_1}{100} \cdot n_1 + \frac{q_2}{100} \cdot n_2 + \dots [\text{min}^{-1}]$$

-在負載變動但轉速固定之狀況下，則依下列公式計算出其同等值之動態軸向負載( $F_m$ ) (參見圖2)

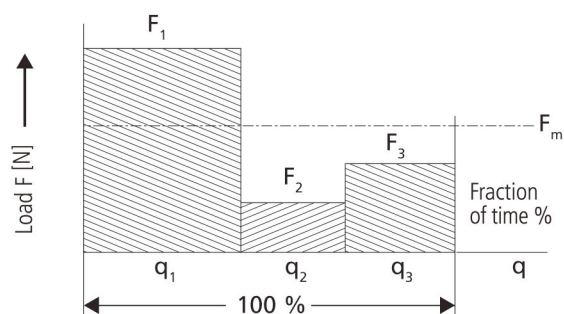
$$F_m = \sqrt[3]{F_1^3 \cdot \frac{q_1}{100} + F_2^3 \cdot \frac{q_2}{100} + \dots [N]}$$

-在轉速與負載均變動下之狀況下，同等值之動態軸向負載( $F_m$ )計算如下：

$$F_m = \sqrt[3]{F_1^3 \cdot \frac{q_1}{100} \cdot \frac{n_1}{n_m} + F_2^3 \cdot \frac{q_2}{100} \cdot \frac{n_2}{n_m} + \dots [N]}$$



(圖2)





## 效能(PERFORMANCE)

滾珠螺桿的機械效能程度非常高, 因為在其滾動作用兩元間的摩擦係數非常低, 故效能幾乎為100%。右圖為滾珠螺桿與傳統螺桿之效能差異。

## 扭力-驅動力(TORQUE-DRIVING POWER)

當設計機台時, 其中重要因素之一就是驅動主軸(螺桿)所需之扭力。

當轉動扭力轉換成線性移動時, 所需之扭力可藉由以下方程式計算出:

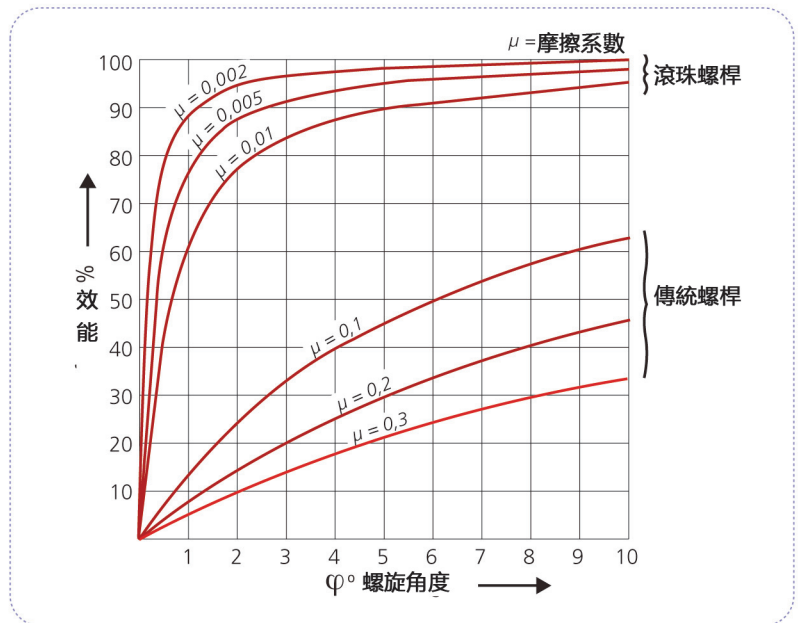
$$T_a = \frac{F_{\max} \cdot P \cdot S}{2000 \cdot \pi \cdot \eta} \quad [\text{Nm}]$$

當線性移動轉換成轉動扭力時, 產生之轉動扭力如下:

$$T_e = \frac{F_a \cdot P \cdot S \cdot \eta'}{2000 \cdot \pi} \quad [\text{Nm}]$$

所需之驅動力:

$$P_a = \frac{T_a \cdot n}{9550} \quad [\text{Kw}]$$



- $T_a$  = 所需扭力(Nm)
- $T_e$  = 產生之扭力(Nm)
- $F_{\max}$  = 最大負載點
- $F_a$  = 作用力(N)
- $P$  = 螺紋節距(mm)
- $S$  = 安全係數(125/2)
- $\eta$  = 機械效能(0.85)
- $\eta'$  = 機械效能(<0.7)
- $P_a$  = 扭力(Kw)
- $n$  = 轉速(min-1)

## 臨界速度(CRITICAL VELOCITY)

對於每個滾珠螺桿的應用均需要控制其臨界轉動速度。

滾珠螺桿的臨界速度依其直徑, 螺桿無支撐長度與其支撐型式而定。不同的支撐系統, 其臨界速度亦會不同。

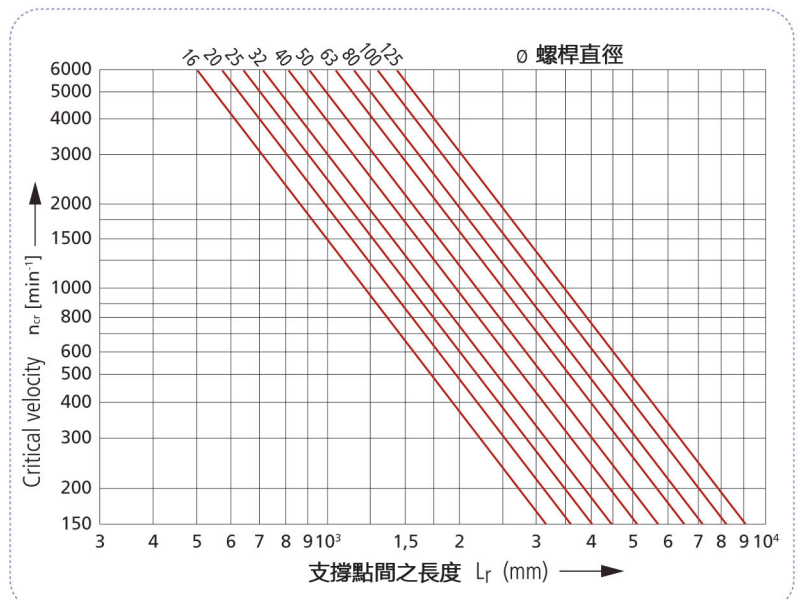
工作速度不可超過臨界速度的80%。

$$n_{\max} = n_{cr} \cdot f_c \cdot 0,8$$

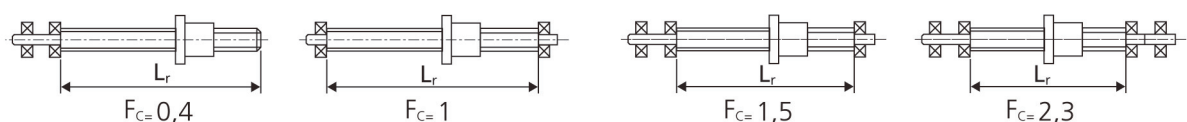
$$n_{\max} = \text{最大速度}(\text{min-1})$$

$$n_{cr} = \text{臨界速度}(\text{min-1})$$

$$f_c = \text{依支撐而定之修正因數}$$



### 臨界速度圖





## 柱負載(COLUMN LOAD) (自垂效應)

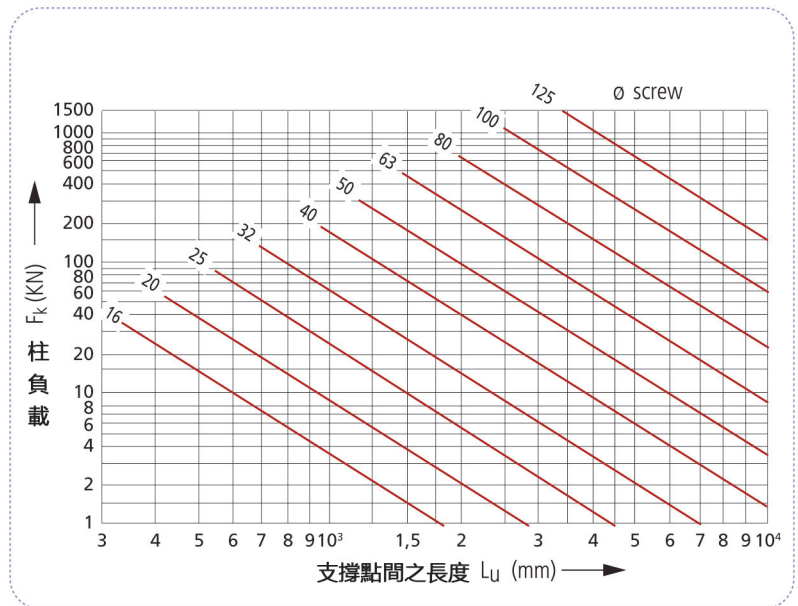
當壓縮負載作用於滾珠螺桿上時，將可能會造成變形。而滾珠螺桿可承受之壓縮負載將依其直徑、長度及支撐型式而定。不同的支撐系統，其壓縮負載能力也會變動。可參考右圖依相對應之支撐型式後，藉由採用修正因數來決定其壓縮負載。最大可允許之柱負載不可超過柱負載之80%。

$$F_{\max} = F_k \cdot F_k \cdot 0,8$$

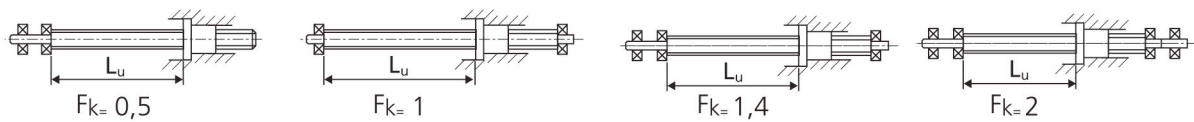
$F_{\max}$  = 可允許之最大負載 ≤ Coa (KN)

$F_k$  = 柱負載(KN)

$F_k$  = 依支撐而定之修正因數



柱負載圖



## 預壓(PRE-LOAD)

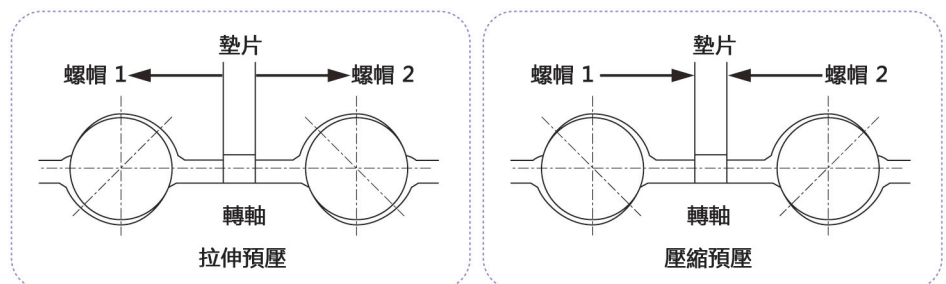
在單螺帽滾珠螺桿中，在其滾珠與滾動點之間有一軸向背隙。在很多例子中，就必需藉由預壓兩螺帽來消除此背隙以便能提高滾珠螺桿之定位的精確度與其剛性。為了避免減少滾珠螺桿之壽命，預壓不可超過工作壽命(Fm)的1/3。若客戶未提出此要求，則BSG的滾珠螺桿則將提供預壓為動態負載的10%做為標準。

## 預壓種類(TYPES OF PRE-LOAD)

預壓可以拉伸與壓縮方式作用於螺帽上。拉伸預壓(Thrust Pre-load)可藉由將墊片(Washer)插入兩螺帽之間迫使其分開來產生預壓。而增加墊片厚度即可增加預壓。但溫度的升高則將降低預壓。

而對於壓縮預壓(Compression Pre-load)，則將用插入墊片來使螺帽靠攏在一起。

降低墊片厚度則可增加預壓。同樣地，溫度的升高則將降低預壓。





## 軸向剛性(AXIAL RIGIDITY)

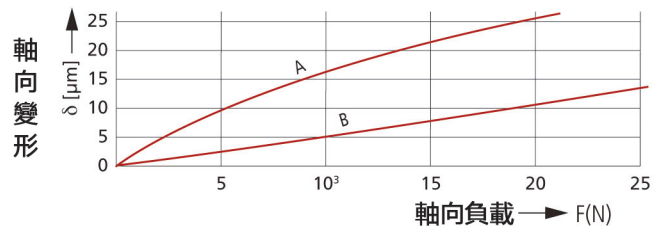
剛性就是作用力與其所產生變形量之比率。

$$R = \frac{F}{\delta}$$

滾珠螺桿的總剛性就是每一剛性(滾珠, 螺桿, 軸承支撐器等)之加總稱之。

上述這些數值之影響均需考慮。滾珠螺桿的軸向剛性由下列因素所組成。

$R_H$  = 螺桿剛性  
 $R_T$  = 螺帽剛性  
 $R_B$  = 滾珠接觸面積上之剛性  
 $R_{TB}$  = 螺帽組之剛性



$\delta$  = 變形量(μm)  
 $F$  = 作用力(N)  
 $R$  = 總成剛性(N/μm)  
 $A$  = 無預壓  
 $B$  = 含預壓

## 螺桿剛性(SCREW RIGIDITY $R_H$ )

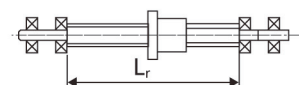
螺桿以線性方式在作動,可以依據虎克(Hooke)之彈性定律來計算。螺桿可被劃分為以下幾種組合:

$A$  = 螺桿部分(mm<sup>2</sup>)  
 $E$  = 彈性模組(21x10<sup>4</sup>N/mm<sup>2</sup>)  
 $L$  = 支稱點之間的距離



一端為剛性固定

$$R_H = \frac{A \cdot E}{L \cdot 10^3} \quad [N/\mu m]$$



兩端均為剛性固定

$$R_H = \frac{4 \cdot A \cdot E}{L_r \cdot 10^3} \quad [N/\mu m]$$

## 螺帽剛性(RIGIDITY OF THE NUT- $R_T$ )

對於螺帽來說, 因有不同方程式, 故不易計算出數值。基本上, 依不同需求推算估計。

## 滾珠接觸面剛性(RIGIDITY OF THE BALLS IN THE CONTACT AREA- $R_B$ )

可藉由赫茲(Hertz' s)理論計算出接觸面變形量。這些數值都在尺寸表中。

## 螺帽組之剛性(RIGIDITY OF THE NUT ASSEMBLY- $R_{TB}$ )

一般是用參數來取代RT與RB。依其總成與結構, 其數值為:

$$R_{TB} \approx 0,6 \div 0,8 \cdot R_B \quad [N/\mu m]$$

## 滾珠螺桿總成剛性(TOTAL RIGIDITY OF THE BALL SCREW ASSEMBLY- $R$ )

$$\frac{1}{R} = \frac{1}{R_H} + \frac{1}{R_T} + \frac{1}{R_B} = \frac{1}{R_H} + \frac{1}{R_{TB}} \quad [N/\mu m]$$



## 計算範例(EXAMPLE OF CALCULATIONS)

### 第一範例(FIRST SAMPLE)

#### 有效壽命計算

滾珠螺桿  $D_p=52.1\text{mm}$

節距=10mm

機台之有效壽命必需為螺桿操作壽命60%的30,000小時。

|              |                              |                         |
|--------------|------------------------------|-------------------------|
| $q_1 = 10\%$ | $n_1 = 20 \text{ min}^{-1}$  | $F_1 = 45000 \text{ N}$ |
| $q_2 = 40\%$ | $n_2 = 40 \text{ min}^{-1}$  | $F_2 = 30000 \text{ N}$ |
| $q_3 = 50\%$ | $n_3 = 100 \text{ min}^{-1}$ | $F_3 = 10000 \text{ N}$ |

#### 平均轉動圈數:

依此公式可計算出

$$n_m = 20 \cdot \frac{10}{100} + 40 \cdot \frac{40}{100} + 100 \cdot \frac{50}{100} = 68 \text{ min}^{-1} \quad n_m = n_1 \cdot \frac{q_1}{100} + n_2 \cdot \frac{q_2}{100} + n_3 \cdot \frac{q_3}{100} = \dots \text{ min}^{-1}$$

#### 平均負載:

因負載與轉數均為變動, 可使用此公式計算

$$F_m = \sqrt[3]{45000^3 \cdot \frac{20}{68} \cdot \frac{10}{100} + 30000^3 \cdot \frac{40}{68} \cdot \frac{40}{100} + 10000^3 \cdot \frac{100}{68} \cdot \frac{50}{100}} = 9026 \text{ N}$$

$$F_m = \sqrt[3]{F_1^3 \cdot \frac{n_1}{n_m} \cdot \frac{q_1}{100} + F_2^3 \cdot \frac{n_2}{n_m} \cdot \frac{q_2}{100} + \dots \text{ in N}}$$

#### 工作壽命 $L_{10}$ 之迴轉圈數:

可得:  $L_h = \frac{L_{10}}{n_m \cdot f_n \cdot 60} \quad [\text{h}]$

機台操作小時  $= L_h \cdot \frac{\text{機台操作壽命}}{\text{螺桿操作壽命}}$

$L_h = 30000 \cdot \frac{60}{100} = 18000 \text{ 小時}$   $L_{10} = 18000 \cdot 60 \cdot 68 = 73,44 \times 10^6 \text{ 圈數}$

#### 動態負載能力:

$$L_{10} = \left( \frac{C_a}{F_m} \right)^3 \cdot 10^6 \quad \text{where} \quad C_a = F_m \cdot \sqrt[3]{\frac{L_{10}}{10^6}}$$

$$C_a = 9026 \cdot \sqrt[3]{\frac{73,44 \cdot 10^6}{10^6}} = 37798 \text{ N} \quad L_{10} = \left( \frac{C_a}{F_m} \right)^3 \cdot 10^6$$

參考技術資料卡, 所需之 $D_p$  52.1mm螺桿相關資料. 節距=10, 3迴路及46200N的動態負載能力。

$L_{10} = \left( \frac{42600}{9026} \right)^3 \cdot 10^6 = 105,13 \cdot 10^6 \text{ 圈數}$

檢查: 一但選定螺桿後, 則計算此螺桿動態負載能力之壽命小時數。

$L_h = \frac{105,13 \cdot 10^6}{60 \cdot 68} = 26000 \text{ 小時}$   $L_h = \frac{L_{10}}{60 \cdot n_m}$

以上計算數值可了解, 所選定螺桿的壽命小時數大於所需之壽命小時數。

### 第二範例(SECOND EXAMPLE)

#### 剛性計算

|          |                         |
|----------|-------------------------|
| 節圓直徑     | $D_p = 52,1\text{mm}$   |
| 節距       | $P = 10 \text{ mm}$     |
| 迴旋圈數     | $c = 3$                 |
| 動態負載     | $C_a = 42600 \text{ N}$ |
| 平均負載     | $F_m = 14201 \text{ N}$ |
| 支撐點之間的長度 | $L_F = 1100 \text{ mm}$ |

#### 螺帽組之剛性

此處  $R_{TB} = 0,6 \div 0,8 R_B$   $R_{TB} = 0,8 \cdot 970 = 776 \text{ N/}\mu\text{m}$

#### 螺桿支撐點之間的剛性

兩端均為剛性固定

$R_H = \frac{4 \cdot A \cdot E}{L_r \cdot 10^3} \quad [\text{N/}\mu\text{m}]$   $R_H = \frac{4 \cdot 1963 \cdot 21 \cdot 10^4}{1100 \cdot 10^3} = 1499 \text{ N/}\mu\text{m}$

#### 總剛性

$R = \frac{R_H \cdot R_{TB}}{R_H + R_{TB}} \quad [\text{N/}\mu\text{m}]$   $R = \frac{1499 \cdot 776}{1499 + 776} = 511 \text{ N/}\mu\text{m}$



# 公差(TOLERANCES)

## 精度:導程偏差公差

### (PITCH DEVIATION TOLERANCES)

(依據UNE-ISO 3408標準)

依據每種狀況所需之功能要求(參見V300p表), 公差分類成1, 3, 5, 7, 10等種類。 定位滾珠螺桿(Positioning Ball Screw)與運輸滾珠螺桿(Transporter Ball Screw), 差異說明如下。

定位滾珠螺桿是一種行程偏差(travel deviation)排列之推力螺桿, 可藉由轉動角度來間接地測量其軸向行程。

傳動滾珠螺桿是一種行程偏差排列之推力螺桿, 其軸向移動之測量就必須有獨立測量系統與轉動角度。

在V2πa內, 行程震盪偏差(travel oscillation tolerance)之確定乃藉由每轉動一圈測量9個點(8x45。)來判定, 或是以連續測量方式在工作長度之中央與末端的初始導程來判定。

圖 1

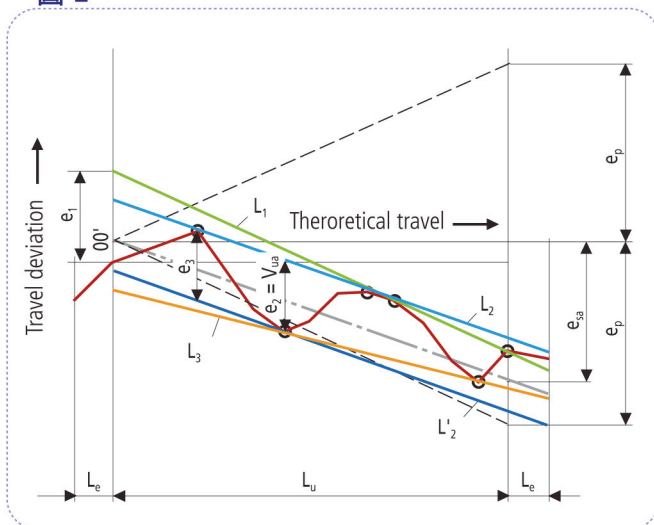
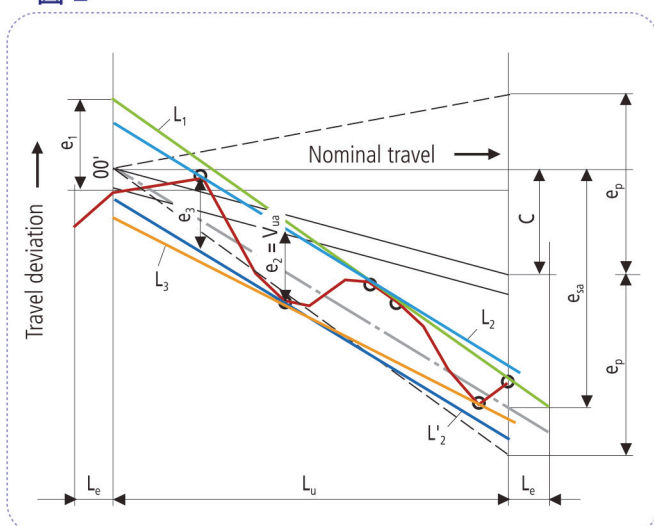


圖 2



## 測量圖之分析

為了能夠確定平均有效偏差在工作行程內, 可依據定義用數學算式計算出來。但實際上, 建議使用快速圖解方法來作為一般所應用之方式。

### 數學算式法:

有效行程平均偏差之直線可用方程式計算出:

$$y = a + bx \quad \text{with} \quad a = \frac{\sum X_i^2 \cdot \sum Y_i - \sum X_i \cdot \sum X_i Y_i}{n \cdot \sum X_i^2 - (\sum X_i)^2}$$

$$\text{and}$$

$$\text{where} \quad b = \frac{n \cdot \sum X_i Y_i - \sum X_i \cdot \sum Y_i}{n \cdot \sum X_i^2 - (\sum X_i)^2}$$

$x$  = 轉動角(理論或公稱行程)

$x_i$  = 理論或公稱行程之轉動角度(行程)

$y$  = 理論或公稱行程之路線偏差

$y_i$  = 測量點轉動角(或行程)的理論或公稱行程之路線偏差

$n$  = 測量點數目

### 圖解法:

依下列行程偏差圖(參考圖1 & 圖2), 可決定有效行程之平均偏差。

a - 通過有效行程曲線上至少兩點, 可劃出一條或兩條直線(L1, L2...)。重複此要領, 劃出有效行程曲線下之直線(L3...)。

b - 有效行程曲線之直線(L1, L2, L3)之間的最大距離(e1, e2, e3...)則為這些直線間之最小距離。在圖1與圖2上, 其最小距離為e2。

c - 經過這最小距離之點, 以平行方式劃出另一直線。此處為L' 2平行L2。

d - 現在, 就可取得兩平行直線(L2, L' 2)之間的有效平均偏差esa或eoa為其中心線。而在工作行程(Lu)上, 行程振盪帶(Vua)之寬度為與平行線之距離。

$$L_e = D_p$$



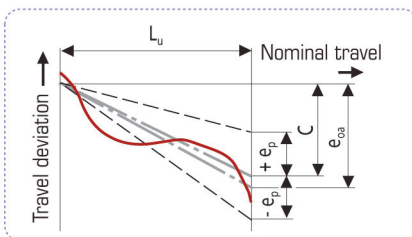
## 精度:導程偏程公差 (PITCH DEVIATION TOLERANCES) (依據UNE-ISO 3408標準)

定位滾珠螺桿

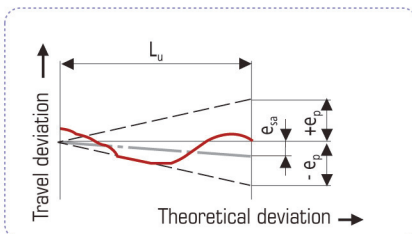
| $L_u$     |       | $e_p$ in $\mu m$<br>for Tolerance class |    |     |   |    |
|-----------|-------|-----------------------------------------|----|-----|---|----|
| More than | Up to | 1                                       | 3  | 5   | 7 | 10 |
| -         | 315   | 6                                       | 12 | 23  | - | -  |
| 315       | 400   | 7                                       | 13 | 25  | - | -  |
| 400       | 500   | 8                                       | 15 | 27  | - | -  |
| 500       | 630   | 9                                       | 16 | 30  | - | -  |
| 630       | 800   | 10                                      | 18 | 35  | - | -  |
| 800       | 1000  | 11                                      | 21 | 40  | - | -  |
| 1000      | 1250  | 13                                      | 24 | 46  | - | -  |
| 1250      | 1600  | 15                                      | 29 | 54  | - | -  |
| 1600      | 2000  | 18                                      | 35 | 65  | - | -  |
| 2000      | 2500  | 22                                      | 41 | 77  | - | -  |
| 2500      | 3150  | 26                                      | 50 | 93  | - | -  |
| 3150      | 4000  | 32                                      | 62 | 115 | - | -  |
| 4000      | 5000  | -                                       | 76 | 140 | - | -  |
| 5000      | 6300  | -                                       | -  | 170 | - | -  |

工作行程( $L_u$ )之平均有效行程偏差(Travel deviation)

- a) 相對於公稱行程(Nominal travel)之 $e_{oa}$   
b) 相對於理論行程(Theoretical travel)之 $e_{sa}$



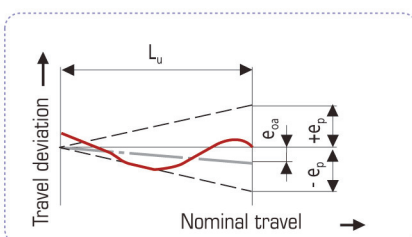
$C$  = 依使用者指示補償



傳動滾珠螺桿

| $e_p$ in $\mu m$<br>for Tolerance class |   |   |   |    |
|-----------------------------------------|---|---|---|----|
| 1                                       | 3 | 5 | 7 | 10 |
| $e_p = 2 \frac{L_u}{300} V_{300p}$      |   |   |   |    |

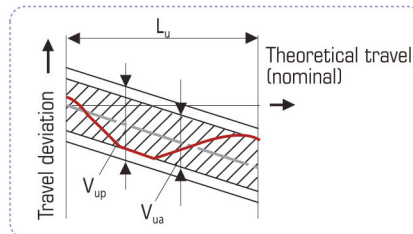
工作行程( $L_u$ )之平均有效行程偏差(Average effective travel deviation)  $e_{oa}$



定位滾珠螺桿

| $L_u$     |       | $V_{ua}$ in $\mu m$<br>for Tolerance class |    |     |   |    |
|-----------|-------|--------------------------------------------|----|-----|---|----|
| More than | Up to | 1                                          | 3  | 5   | 7 | 10 |
| -         | 315   | 6                                          | 12 | 23  | - | -  |
| 315       | 400   | 7                                          | 13 | 25  | - | -  |
| 400       | 500   | 7                                          | 13 | 26  | - | -  |
| 500       | 630   | 7                                          | 14 | 29  | - | -  |
| 630       | 800   | 8                                          | 16 | 31  | - | -  |
| 800       | 1000  | 9                                          | 17 | 35  | - | -  |
| 1000      | 1250  | 10                                         | 19 | 39  | - | -  |
| 1250      | 1600  | 11                                         | 22 | 44  | - | -  |
| 1600      | 2000  | 13                                         | 25 | 51  | - | -  |
| 2000      | 2500  | 15                                         | 29 | 59  | - | -  |
| 2500      | 3150  | 17                                         | 34 | 69  | - | -  |
| 3150      | 4000  | 21                                         | 41 | 82  | - | -  |
| 4000      | 5000  | -                                          | 49 | 99  | - | -  |
| 5000      | 6300  | -                                          | -  | 119 | - | -  |

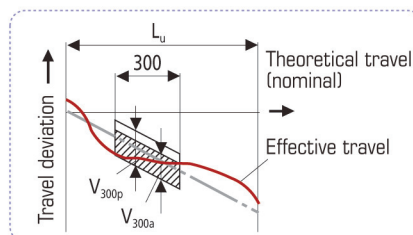
Travel oscillation  $V_{ua}$  on working travel  $L_u$



傳動與定位滾珠螺桿

| $V_{300p}$ in $\mu m$<br>for Tolerance class |    |    |    |     |
|----------------------------------------------|----|----|----|-----|
| 1                                            | 3  | 5  | 7  | 10  |
| 6                                            | 12 | 23 | 52 | 210 |

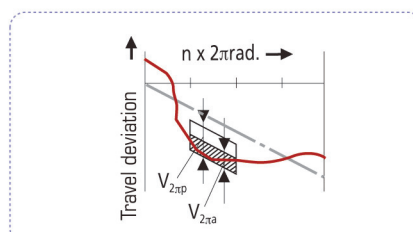
Travel oscillation  $V_{300a}$  over 300mm axial travel



定位滾珠螺桿

| $V_{2\pi p}$ in $\mu m$<br>for Tolerance class |   |   |   |    |
|------------------------------------------------|---|---|---|----|
| 1                                              | 3 | 5 | 7 | 10 |
| 4                                              | 6 | 8 | - | -  |

Travel oscillation  $V_{3\pi a}$  within  $2\pi$  rad. (1 rum)



## 轉動扭力公差

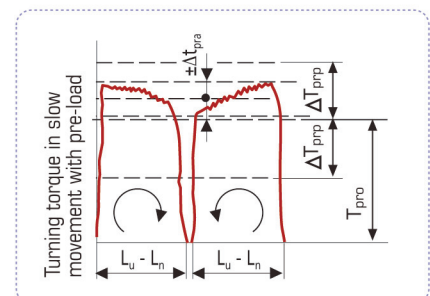
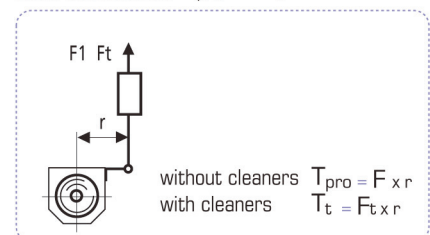
傳動與定位滾珠螺桿

| $T_{pr0}$ in $Nm$ |       | for $\frac{L_u}{D_p} \leq 40; L_u \leq 4000$<br>$\Delta T_{prp}$ in % of $T_{pro}$<br>for Tolerance class |    |    |    |    |
|-------------------|-------|-----------------------------------------------------------------------------------------------------------|----|----|----|----|
| More than         | Up to | 1                                                                                                         | 3  | 5  | 7  | 10 |
| 0,2               | 0,4   | 35                                                                                                        | 40 | 50 | -  | -  |
| 0,4               | 0,6   | 25                                                                                                        | 40 | 40 | -  | -  |
| 0,6               | 1,0   | 25                                                                                                        | 30 | 35 | 40 | -  |
| 1,0               | 2,5   | 20                                                                                                        | 25 | 30 | 35 | -  |
| 2,5               | 6,3   | 15                                                                                                        | 20 | 25 | 30 | -  |
| 6,3               | 10,0  | -                                                                                                         | 15 | 20 | 30 | -  |

| $T_{pr0}$ in $Nm$ |       | for $\frac{L_u}{D_p} \leq 60; L_u \leq 4000$<br>$\Delta T_{prp}$ in % of $T_{pro}$<br>for Tolerance class |    |    |    |    |
|-------------------|-------|-----------------------------------------------------------------------------------------------------------|----|----|----|----|
| More than         | Up to | 1                                                                                                         | 3  | 5  | 7  | 10 |
| 0,2               | 0,4   | 40                                                                                                        | 50 | 60 | -  | -  |
| 0,4               | 0,6   | 33                                                                                                        | 40 | 45 | -  | -  |
| 0,6               | 1,0   | 30                                                                                                        | 35 | 40 | 45 | -  |
| 1,0               | 2,5   | 25                                                                                                        | 30 | 35 | 40 | -  |
| 2,5               | 6,3   | 20                                                                                                        | 25 | 30 | 35 | -  |
| 6,3               | 10,0  | -                                                                                                         | 20 | 25 | 35 | -  |

| $T_{pr0}$ in $Nm$ |       | for $L_u > 4000$<br>$\Delta T_{prp}$ in % of $T_{pro}$<br>for Tolerance class |    |    |    |    |
|-------------------|-------|-------------------------------------------------------------------------------|----|----|----|----|
| More than         | Up to | 1                                                                             | 3  | 5  | 7  | 10 |
| -                 | 0,6   | Not determined                                                                |    |    |    |    |
| 0,6               | 1,0   | -                                                                             | 40 | 45 | 50 | -  |
| 1,0               | 2,5   | -                                                                             | 35 | 40 | 45 | -  |
| 2,5               | 6,3   | -                                                                             | 30 | 35 | 40 | -  |
| 6,3               | 10,0  | -                                                                             | 25 | 30 | 35 | -  |

Limit deviation  $\Delta T_{prp}$  for turning pair in slow movement  $T_{pr0}$  with pre-load.



$L_u = L_n$  = 工作行程減螺帽長度

用螺桿之數種RPM兩旋轉方向來進行測試。  
並用黏度型號150 VG100 機油來潤滑。

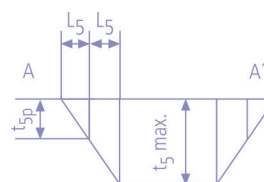
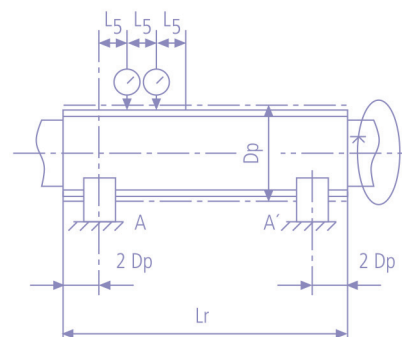
## 定位公差(POSITION TOLERANCES)

(依據DIN-69051標準)

### 傳動與定位滾珠螺桿

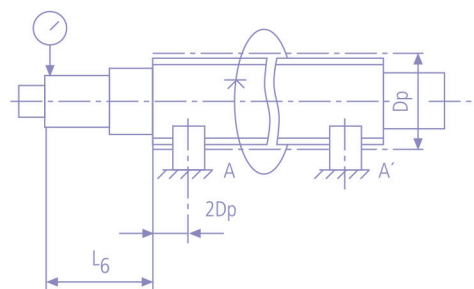
| Dp        |       |                  | t <sub>5p</sub> in μm according to Tolerance class |    |    |    |    |
|-----------|-------|------------------|----------------------------------------------------|----|----|----|----|
| More than | Up to | L <sub>5mm</sub> | 1                                                  | 3  | 5  | 7  | 10 |
| 6         | 12    | 80               | 20                                                 | 25 | 32 | 40 | 80 |
| 12        | 25    | 160              |                                                    |    |    |    |    |
| 25        | 50    | 315              |                                                    |    |    |    |    |
| 50        | 100   | 630              |                                                    |    |    |    |    |
| 100       | 200   | 1250             |                                                    |    |    |    |    |

| L <sub>r</sub> /Dp |       |  | t <sub>5</sub> max (μm) for L <sub>r</sub> ≥ 4L <sub>5</sub> according to Tolerance class |     |     |     |     |
|--------------------|-------|--|-------------------------------------------------------------------------------------------|-----|-----|-----|-----|
| More than          | Up to |  | 1                                                                                         | 3   | 5   | 7   | 10  |
|                    | 40    |  | 40                                                                                        | 50  | 64  | 80  | 160 |
| 40                 | 60    |  | 60                                                                                        | 75  | 96  | 120 | 240 |
| 60                 | 80    |  | 100                                                                                       | 125 | 160 | 200 | 400 |
| 80                 | 100   |  | 160                                                                                       | 200 | 256 | 320 | 640 |



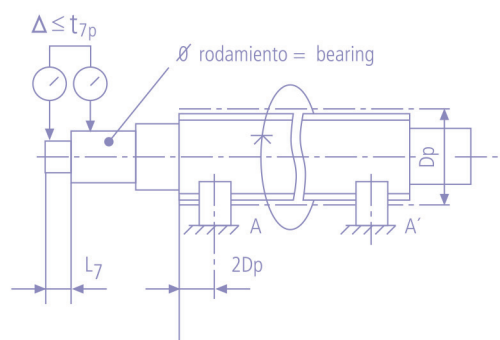
### 傳動與定位滾珠螺桿

| Dp        |       |     | t <sub>6p</sub> in μm for L <sub>6</sub> ≤ L according to Tolerance class |    |    |    |     |
|-----------|-------|-----|---------------------------------------------------------------------------|----|----|----|-----|
| More than | Up to | L   | 1                                                                         | 3  | 5  | 7  | 10  |
| 6         | 20    | 80  | 10                                                                        | 12 | 20 | 40 | 63  |
| 20        | 50    | 125 | 12                                                                        | 16 | 25 | 50 | 80  |
| 50        | 125   | 200 | 16                                                                        | 20 | 32 | 63 | 100 |
| 125       | 200   | 315 | -                                                                         | 25 | 40 | 80 | 125 |



### 傳動與定位滾珠螺桿

| Dp        |       |     | t <sub>7p</sub> in μm for L <sub>7</sub> ≤ L according to Tolerance class |    |    |    |    |
|-----------|-------|-----|---------------------------------------------------------------------------|----|----|----|----|
| More than | Up to | L   | 1                                                                         | 3  | 5  | 7  | 10 |
| 6         | 20    | 80  | 5                                                                         | 6  | 8  | 12 | 16 |
| 20        | 50    | 125 | 6                                                                         | 8  | 10 | 16 | 20 |
| 50        | 125   | 200 | 8                                                                         | 10 | 12 | 20 | 25 |
| 125       | 200   | 315 | -                                                                         | 12 | 16 | 25 | 32 |



■ for L<sub>7</sub> > L is applied ≤ t<sub>7p</sub>  $\frac{L_7}{L}$



## 傳動與定位滾珠螺桿

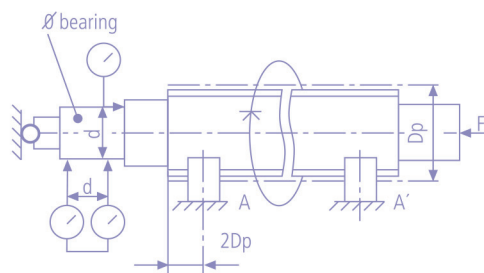
| D <sub>p</sub> |       | t <sub>8p</sub> in μm<br>according to Tolerance class |   |   |    |    |
|----------------|-------|-------------------------------------------------------|---|---|----|----|
| More than      | Up to | 1                                                     | 3 | 5 | 7  | 10 |
| 6              | 63    | 3                                                     | 4 | 5 | 6  | 10 |
| 63             | 125   | 4                                                     | 5 | 6 | 8  | 12 |
| 125            | 200   | -                                                     | 6 | 8 | 10 | 16 |

## 測試 8

滾珠螺桿軸承相對於AA' 面之軸向失圓t<sub>8</sub>。

## 測試說明

將滾珠螺桿軸固定於軸向方向(e.g. 放置一滾珠於滾珠螺桿軸之中心與固定面。) 將千分錶垂直於軸頸之柱形表面與軸承銷之端面上。慢慢地轉動滾珠螺桿一整圈後, t<sub>8a</sub>值即為最高數值與最低數值之差。 有些情況下, 也許需考慮Δ值。

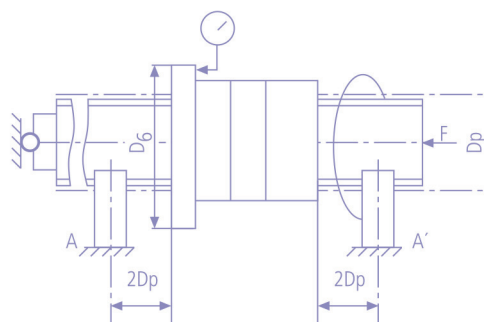


直線偏差Δ

$$t_{8a} + [\Delta] \leq t_{8p}$$

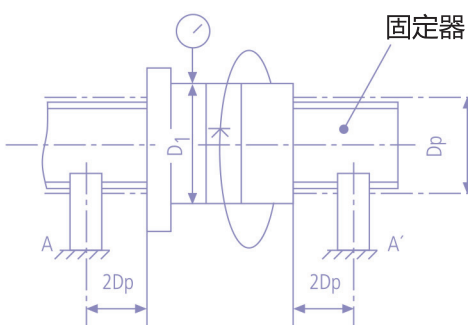
## 傳動與定位滾珠螺桿

| D <sub>6</sub> |       | t <sub>9p</sub> in μm<br>according to Tolerance class |    |    |    |    |
|----------------|-------|-------------------------------------------------------|----|----|----|----|
| More than      | Up to | 1                                                     | 3  | 5  | 7  | 10 |
| 16             | 32    | 10                                                    | 12 | 16 | 20 | -  |
| 32             | 63    | 12                                                    | 16 | 20 | 25 | -  |
| 63             | 125   | 16                                                    | 20 | 25 | 32 | -  |
| 125            | 250   | 20                                                    | 25 | 32 | 40 | -  |
| 250            | 500   | -                                                     | 32 | 40 | 50 | -  |



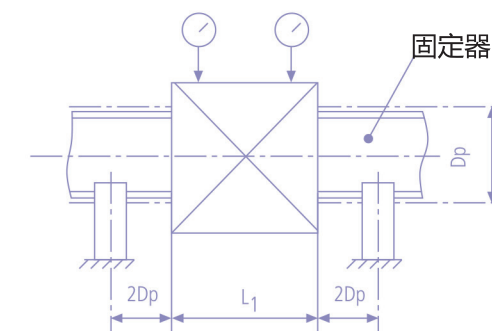
## 傳動與定位滾珠螺桿

| D <sub>1</sub> |       | t <sub>10p</sub> in μm<br>according to Tolerance class |    |    |    |    |
|----------------|-------|--------------------------------------------------------|----|----|----|----|
| More than      | Up to | 1                                                      | 3  | 5  | 7  | 10 |
| 16             | 32    | 10                                                     | 12 | 16 | 20 | -  |
| 32             | 63    | 12                                                     | 16 | 20 | 25 | -  |
| 63             | 125   | 16                                                     | 20 | 25 | 32 | -  |
| 125            | 250   | 20                                                     | 25 | 32 | 40 | -  |
| 250            | 500   | -                                                      | 32 | 40 | 50 | -  |



## 傳動與定位滾珠螺桿

| t <sub>11p</sub> in μm 100 mm [accumulated]<br>according to Tolerance class |    |    |    |    |
|-----------------------------------------------------------------------------|----|----|----|----|
| 1                                                                           | 3  | 5  | 7  | 10 |
| 16                                                                          | 20 | 25 | 32 | -  |



## ◎ 保養與處理(MAINTENANCE AND HANDLING)

### 潤滑(LUBRICATION)

滾珠螺桿需用機油或黃油來潤滑。亦可使用與潤滑滾珠軸承相同等級之潤滑油。

要選擇適當之潤滑油，就必須考量其工作環境。由於螺帽與螺桿間的軸向運動將造成潤滑油的損失，故需常常進行潤滑作業。但含有石墨或二硫化鉬之添加物則不可使用。

#### 使用機油潤滑

因為縱向的膨脹對於滾珠螺桿的精確度有影響，所以溫度的影響便有著相當大得重要性。所需的黏度將依轉動圈數，溫度及負載(參見DIN 51517 與 51519，以及ISO3448)而定。

#### 使用黃油潤滑

使用黃油潤滑的優點在於工作小時數在500~1000小時內勿須添加黃油。也就是說有很多種狀況下，可不用潤滑系統。對於滾珠螺桿之一般作業，可方便地使用含有NGLI 2 DIN 51818成份之黃油來潤滑。

### 儲存(STORAGE)

因為這些都是精密產品，所以必須存放於清潔，乾燥地方，並在其長度方向上有幾處良好支撐。而在要安裝時才打開其原有包裝。

BSG滾珠螺桿對於敲擊與污染很敏感，故須非常小心處理。出廠運送前，BSG滾珠螺桿均有塗抹防鏽抑制劑及使用特殊之包裝方式來保護。

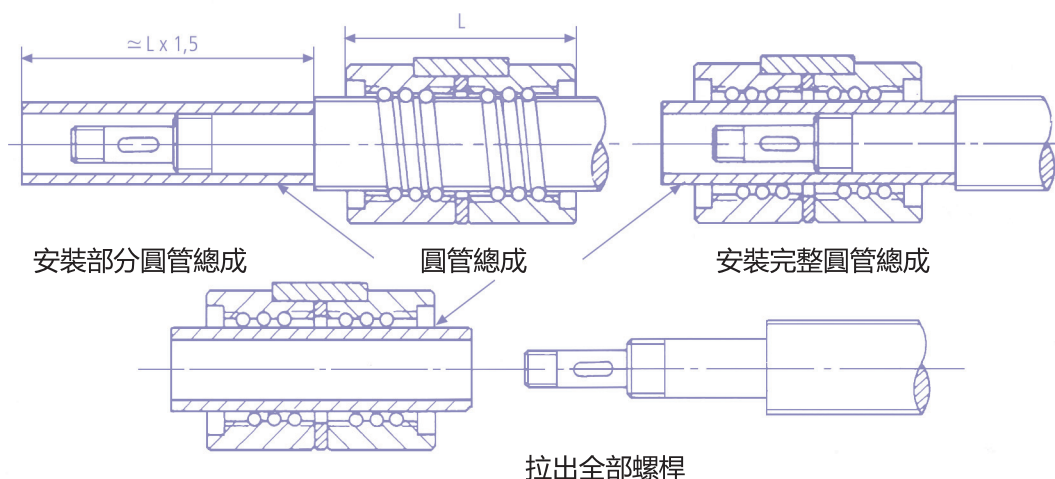
### 運送-組裝(TRANSPORT-ASSEMBLY)

當運送處理滾珠螺桿於儲存室與組裝地點之間時，應避免有劇烈搬動與鬆動不佳的支撐狀況發生。固定螺帽的外殼與螺桿端的螺帽必須完全清潔，無灰塵，脫漆及雜質。

安裝滾珠螺桿於機台上時應特別小心檢查其軸承支撐的對正與螺帽。

### 螺帽之拆卸(DISASSEMBLY OF NUTS)

當要安裝滾珠螺桿於機台上或因其他特別因素時，需將滾珠螺帽拆卸下時。可利用一圓管將螺帽自螺桿抽出然後再組裝回去。如圖所示。









[illegible]

- 16



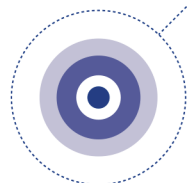


滾珠螺桿直徑      導程      回轉圈數  
 滾珠直徑      R: 徑向  
 A: 軸向

**SNF      020X05 - 04 - 2 - R**

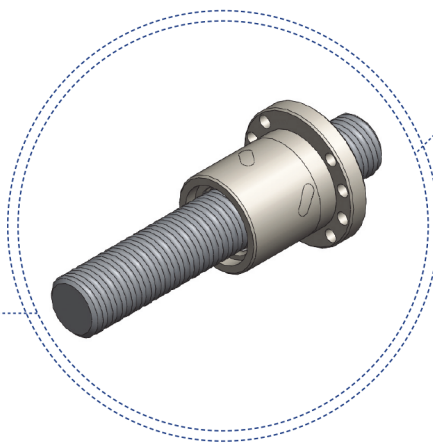
- SNF**      單螺帽法蘭式(徑向)
- DNF**      雙螺帽法蘭式(徑向)
- SNF**      單螺帽法蘭式(軸向)
- DNF**      雙螺帽法蘭式(軸向)
- SNC**      單螺帽圓柱式
- DNC**      雙螺帽圓柱式
- RND**      動螺帽式
- HLF**      高負載法蘭式

BSG - ZUAZO



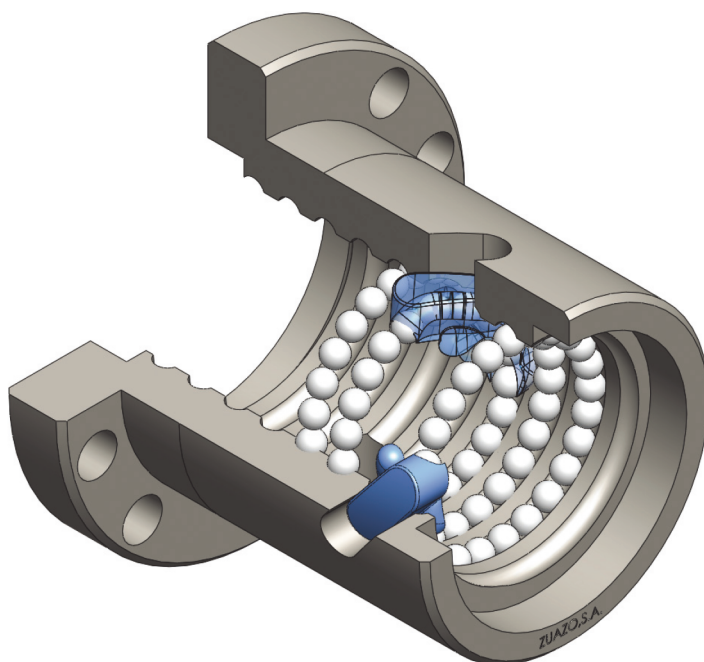
# 單螺帽 法蘭式 預壓

徑向迴珠器



SNF radial

**bsg**  
ZUAZO

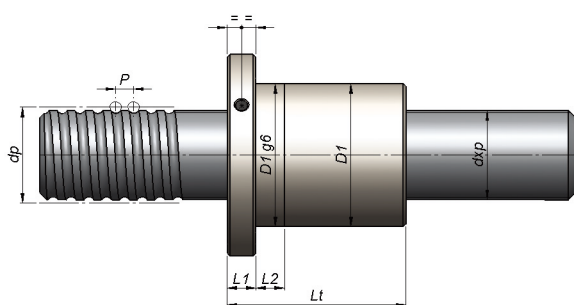






單螺帽  
法蘭式

## 徑向迴珠器



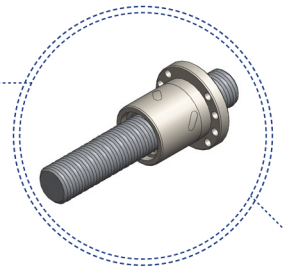
| 代碼                 | d  | p  | 滾珠直徑  | Nc | LT   | Coa     | Ca     |
|--------------------|----|----|-------|----|------|---------|--------|
|                    |    |    |       |    | ±0,1 | N       | N      |
| SNF 020x05-04-2 -R | 20 | 5  | 3,969 | 2  | 43   | 17.158  | 11.258 |
| SNF 020x05-04-4 -R |    |    |       | 4  | 54   | 34.317  | 20.435 |
| SNF 020x05-04-5 -R |    |    |       | 5  | 59   | 42.896  | 24.758 |
| SNF 020x06-04-2 -R |    | 6  |       | 2  | 45   | 17.137  | 11.258 |
| SNF 020x06-04-4 -R |    |    |       | 4  | 58   | 34.275  | 20.435 |
| SNF 020x06-04-5 -R |    |    |       | 5  | 64   | 42.843  | 24.758 |
| SNF 025x05-04-2 -R | 25 | 5  | 3,969 | 2  | 40   | 22.781  | 13.033 |
| SNF 025x05-04-4 -R |    |    |       | 4  | 50   | 45.562  | 23.655 |
| SNF 025x05-04-5 -R |    |    |       | 5  | 60   | 56.952  | 28.659 |
| SNF 025x06-04-2 -R |    | 6  |       | 2  | 45   | 22.763  | 13.033 |
| SNF 025x06-04-4 -R |    |    |       | 4  | 58   | 45.525  | 23.655 |
| SNF 025x06-04-5 -R |    |    |       | 5  | 64   | 56.907  | 28.659 |
| SNF 025x08-05-2 -R |    | 8  | 4,762 | 2  | 53   | 25.341  | 15.877 |
| SNF 025x08-05-4 -R |    |    |       | 4  | 74   | 50.682  | 28.818 |
| SNF 025x08-05-5 -R |    |    |       | 5  | 82   | 63.353  | 34.914 |
| SNF 025x10-05-3 -R |    | 10 |       | 3  | 70   | 37.915  | 22.502 |
| SNF 025x10-05-5 -R |    |    |       | 5  | 92   | 63.192  | 34.914 |
| SNF 025x10-05-6 -R |    |    |       | 6  | 102  | 75.830  | 40.841 |
| SNF 032x05-04-2 -R | 32 | 5  | 3,969 | 2  | 45   | 31.227  | 15.195 |
| SNF 032x05-04-4 -R |    |    |       | 4  | 56   | 62.455  | 27.579 |
| SNF 032x05-04-5 -R |    |    |       | 5  | 61   | 78.068  | 33.414 |
| SNF 032x06-04-2 -R |    | 6  |       | 2  | 47   | 31.212  | 15.195 |
| SNF 032x06-04-4 -R |    |    |       | 4  | 60   | 62.423  | 27.579 |
| SNF 032x06-04-5 -R |    |    |       | 5  | 66   | 78.029  | 33.414 |
| SNF 032x08-06-2 -R |    | 8  | 6,35  | 2  | 61   | 43.182  | 25.928 |
| SNF 032x08-06-4 -R |    |    |       | 4  | 78   | 86.363  | 47.060 |
| SNF 032x08-06-5 -R |    |    |       | 5  | 86   | 107.954 | 57.015 |
| SNF 032x10-06-3 -R |    | 10 |       | 3  | 76   | 64.671  | 36.745 |
| SNF 032x10-06-5 -R |    |    |       | 5  | 97   | 107.786 | 57.015 |
| SNF 032x10-06-6 -R |    |    |       | 6  | 107  | 129.343 | 66.694 |
| SNF 032x12-06-3 -R |    | 12 |       | 3  | 87   | 64.549  | 36.745 |
| SNF 032x12-06-5 -R |    |    |       | 5  | 112  | 107.582 | 57.015 |
| SNF 032x12-06-6 -R |    |    |       | 6  | 124  | 129.098 | 66.694 |

Ca:動態負載

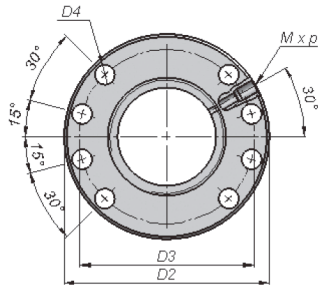
Coa:靜態負載

Nc:回轉圈數

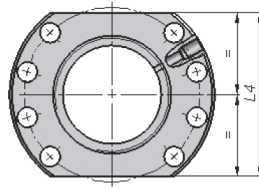




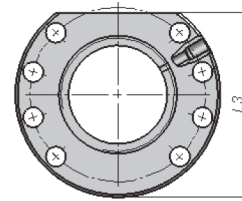
法蘭形式 A



法蘭形式 B



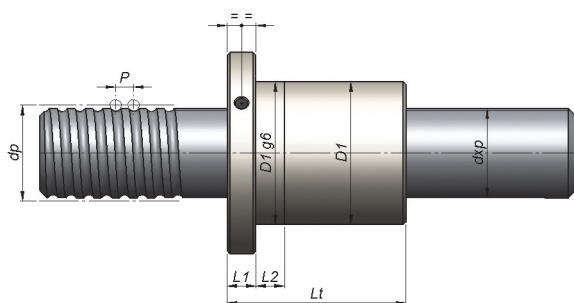
法蘭形式 C



| D1g6 | D2   | D3  | D4  | 孔數 | MXP  | L1 | L2 | L3  | L4  | 代碼                 |
|------|------|-----|-----|----|------|----|----|-----|-----|--------------------|
|      | ±0,1 | h13 | H13 |    |      |    | +2 | h13 | h13 |                    |
| 36   | 58   | 47  | 6,6 | 6  | M6x1 | 10 | 10 | 51  | 44  | SNF 020x05-04-2 -R |
| 36   | 58   | 47  | 6,6 | 6  | M6x1 | 10 | 10 | 51  | 44  | SNF 020x05-04-4 -R |
| 36   | 58   | 47  | 6,6 | 6  | M6x1 | 10 | 10 | 51  | 44  | SNF 020x05-04-5 -R |
| 36   | 58   | 47  | 6,6 | 6  | M6x1 | 10 | 10 | 51  | 44  | SNF 020x06-04-2 -R |
| 36   | 58   | 47  | 6,6 | 6  | M6x1 | 10 | 10 | 51  | 44  | SNF 020x06-04-4 -R |
| 36   | 58   | 47  | 6,6 | 6  | M6x1 | 10 | 10 | 51  | 44  | SNF 020x06-04-5 -R |
| 40   | 62   | 51  | 6,6 | 6  | M6x1 | 10 | 10 | 55  | 48  | SNF 025x05-04-2 -R |
| 40   | 62   | 51  | 6,6 | 6  | M6x1 | 10 | 10 | 55  | 48  | SNF 025x05-04-4 -R |
| 40   | 62   | 51  | 6,6 | 6  | M6x1 | 10 | 10 | 55  | 48  | SNF 025x05-04-5 -R |
| 40   | 62   | 51  | 6,6 | 6  | M6x1 | 10 | 10 | 55  | 48  | SNF 025x06-04-2 -R |
| 40   | 62   | 51  | 6,6 | 6  | M6x1 | 10 | 10 | 55  | 48  | SNF 025x06-04-4 -R |
| 40   | 62   | 51  | 6,6 | 6  | M6x1 | 10 | 10 | 55  | 48  | SNF 025x06-04-5 -R |
| 40   | 62   | 51  | 6,6 | 6  | M6x1 | 10 | 16 | 55  | 48  | SNF 025x08-05-2 -R |
| 40   | 62   | 51  | 6,6 | 6  | M6x1 | 10 | 16 | 55  | 48  | SNF 025x08-05-4 -R |
| 40   | 62   | 51  | 6,6 | 6  | M6x1 | 10 | 16 | 55  | 48  | SNF 025x08-05-5 -R |
| 40   | 62   | 51  | 6,6 | 6  | M6x1 | 10 | 16 | 55  | 48  | SNF 025x10-05-3 -R |
| 40   | 62   | 51  | 6,6 | 6  | M6x1 | 10 | 16 | 55  | 48  | SNF 025x10-05-5 -R |
| 40   | 62   | 51  | 6,6 | 6  | M6x1 | 10 | 16 | 55  | 48  | SNF 025x10-05-6 -R |
| 50   | 80   | 65  | 9   | 6  | M6x1 | 12 | 10 | 71  | 62  | SNF 032x05-04-2 -R |
| 50   | 80   | 65  | 9   | 6  | M6x1 | 12 | 10 | 71  | 62  | SNF 032x05-04-4 -R |
| 50   | 80   | 65  | 9   | 6  | M6x1 | 12 | 10 | 71  | 62  | SNF 032x05-04-5 -R |
| 50   | 80   | 65  | 9   | 6  | M6x1 | 12 | 10 | 71  | 62  | SNF 032x06-04-2 -R |
| 50   | 80   | 65  | 9   | 6  | M6x1 | 12 | 10 | 71  | 62  | SNF 032x06-04-4 -R |
| 50   | 80   | 65  | 9   | 6  | M6x1 | 12 | 10 | 71  | 62  | SNF 032x06-04-5 -R |
| 50   | 80   | 65  | 9   | 6  | M6x1 | 12 | 16 | 71  | 62  | SNF 032x08-06-2 -R |
| 50   | 80   | 65  | 9   | 6  | M6x1 | 12 | 16 | 71  | 62  | SNF 032x08-06-4 -R |
| 50   | 80   | 65  | 9   | 6  | M6x1 | 12 | 16 | 71  | 62  | SNF 032x08-06-5 -R |
| 50   | 80   | 65  | 9   | 6  | M6x1 | 12 | 16 | 71  | 62  | SNF 032x10-06-3 -R |
| 50   | 80   | 65  | 9   | 6  | M6x1 | 12 | 16 | 71  | 62  | SNF 032x10-06-5 -R |
| 50   | 80   | 65  | 9   | 6  | M6x1 | 12 | 16 | 71  | 62  | SNF 032x10-06-6 -R |
| 50   | 80   | 65  | 9   | 6  | M6x1 | 12 | 16 | 71  | 62  | SNF 032x12-06-3 -R |
| 50   | 80   | 65  | 9   | 6  | M6x1 | 12 | 16 | 71  | 62  | SNF 032x12-06-5 -R |
| 50   | 80   | 65  | 9   | 6  | M6x1 | 12 | 16 | 71  | 62  | SNF 032x12-06-6 -R |

單螺帽  
法蘭式

## 徑向迴珠器



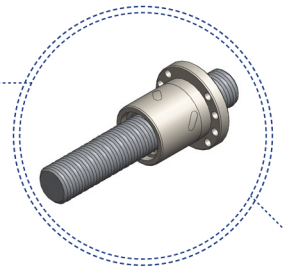
| 代碼                 | d  | p  | 滾珠直徑  | Nc    | LT   | Coa     | Ca      |         |
|--------------------|----|----|-------|-------|------|---------|---------|---------|
|                    |    |    |       |       | ±0,1 | N       | N       |         |
| SNF 040x05-04-2 -R | 40 | 5  | 3,969 | 2     | 45   | 39.739  | 16.851  |         |
| SNF 040x05-04-4 -R |    |    |       | 4     | 55   | 79.478  | 30.585  |         |
| SNF 040x05-04-5 -R |    |    |       | 5     | 60   | 99.347  | 37.055  |         |
| SNF 040x06-04-2 -R |    | 6  |       | 2     | 49   | 39.726  | 16.851  |         |
| SNF 040x06-04-4 -R |    |    |       | 4     | 62   | 79.452  | 30.585  |         |
| SNF 040x06-04-5 -R |    |    |       | 5     | 68   | 99.315  | 37.055  |         |
| SNF 040x08-06-3 -R |    | 8  | 6,35  | 3     | 72   | 85.996  | 42.498  |         |
| SNF 040x08-06-5 -R |    |    |       | 5     | 88   | 143.327 | 65.941  |         |
| SNF 040x08-06-6 -R |    |    |       | 6     | 96   | 171.992 | 77.135  |         |
| SNF 040x10-06-3 -R |    | 10 |       | 3     | 80   | 85.908  | 42.498  |         |
| SNF 040x10-06-5 -R |    |    |       | 5     | 100  | 143.180 | 65.941  |         |
| SNF 040x10-06-6 -R |    |    |       | 6     | 110  | 171.816 | 77.135  |         |
| SNF 040x12-06-3 -R |    | 12 | 7,938 | 3     | 89   | 85.801  | 42.498  |         |
| SNF 040x12-06-5 -R |    |    |       | 5     | 114  | 143.001 | 65.941  |         |
| SNF 040x12-06-6 -R |    |    |       | 6     | 126  | 171.601 | 77.135  |         |
| SNF 040x16-08-3 -R |    | 16 |       | 3     | 120  | 97.826  | 54.287  |         |
| SNF 040x16-08-5 -R |    |    |       | 5     | 153  | 163.043 | 84.234  |         |
| SNF 040x16-08-6 -R |    |    |       | 6     | 169  | 195.652 | 98.533  |         |
| SNF 040x20-08-3 -R |    | 20 | 7,938 | 3     | 131  | 105.560 | 57.263  |         |
| SNF 040x20-08-5 -R |    |    |       | 5     | 172  | 175.934 | 88.851  |         |
| SNF 040x20-08-6 -R |    |    |       | 6     | 193  | 211.121 | 103.934 |         |
| SNF 050x05-04-2 -R | 50 | 5  |       | 3,969 | 2    | 50      | 51.074  | 18.741  |
| SNF 050x05-04-4 -R |    |    |       |       | 4    | 60      | 102.147 | 34.015  |
| SNF 050x05-04-5 -R |    |    |       |       | 5    | 65      | 127.684 | 41.211  |
| SNF 050x06-04-2 -R |    | 6  | 2     |       | 51   | 51.063  | 18.741  |         |
| SNF 050x06-04-4 -R |    |    | 4     |       | 64   | 102.125 | 34.015  |         |
| SNF 050x06-04-5 -R |    |    | 5     |       | 70   | 127.657 | 41.211  |         |
| SNF 050x08-06-2 -R |    | 8  | 6,35  | 2     | 65   | 75.085  | 34.094  |         |
| SNF 050x08-06-4 -R |    |    |       | 4     | 82   | 150.171 | 61.882  |         |
| SNF 050x08-06-5 -R |    |    |       | 5     | 90   | 187.713 | 74.973  |         |
| SNF 050x10-06-3 -R |    | 10 |       | 3     | 80   | 112.553 | 48.319  |         |
| SNF 050x10-06-5 -R |    |    |       | 5     | 100  | 187.588 | 74.973  |         |
| SNF 050x10-06-6 -R |    |    |       | 6     | 110  | 225.105 | 87.700  |         |
| SNF 050x12-08-3 -R |    | 12 | 7,938 | 3     | 100  | 132.895 | 63.592  |         |
| SNF 050x12-08-5 -R |    |    |       | 5     | 123  | 221.491 | 98.672  |         |
| SNF 050x12-08-6 -R |    |    |       | 6     | 135  | 265.790 | 115.422 |         |
| SNF 050x16-10-3 -R |    | 16 |       | 9,525 | 3    | 123     | 155.307 | 79.909  |
| SNF 050x16-10-5 -R |    |    |       |       | 5    | 156     | 258.845 | 123.989 |
| SNF 050x16-10-6 -R |    |    |       |       | 6    | 172     | 310.615 | 145.037 |
| SNF 050x20-10-3 -R |    | 20 | 3     |       | 134  | 154.911 | 79.909  |         |
| SNF 050x20-10-5 -R |    |    | 5     |       | 186  | 258.184 | 123.989 |         |
| SNF 050x20-10-6 -R |    |    | 6     |       | 206  | 309.821 | 145.037 |         |

Ca:動態負載

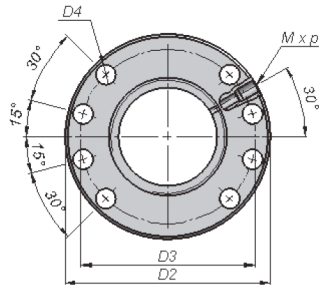
Coa:靜態負載

Nc:回轉圈數

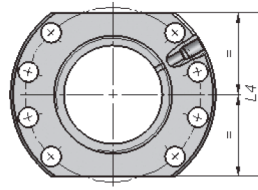




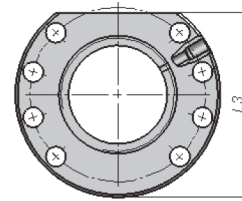
法蘭形式 A



法蘭形式 B



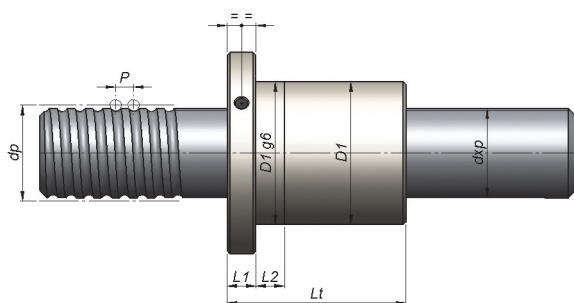
法蘭形式 C



| D1g6 | D2   | D3  | D4  | 孔數 | MXP  | L1 | L2 | L3    | L4  | 代碼                 |
|------|------|-----|-----|----|------|----|----|-------|-----|--------------------|
|      | ±0,1 | h13 | H13 |    |      |    | +2 | h13   | h13 |                    |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 14 | 10 | 81,5  | 70  | SNF 040x05-04-2 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 14 | 10 | 81,5  | 70  | SNF 040x05-04-4 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 14 | 10 | 81,5  | 70  | SNF 040x05-04-5 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 14 | 10 | 81,5  | 70  | SNF 040x06-04-2 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 14 | 10 | 81,5  | 70  | SNF 040x06-04-4 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 14 | 10 | 81,5  | 70  | SNF 040x06-04-5 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 14 | 16 | 81,5  | 70  | SNF 040x08-06-3 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 14 | 16 | 81,5  | 70  | SNF 040x08-06-5 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 14 | 16 | 81,5  | 70  | SNF 040x08-06-6 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 14 | 16 | 81,5  | 70  | SNF 040x10-06-3 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 14 | 16 | 81,5  | 70  | SNF 040x10-06-5 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 14 | 16 | 81,5  | 70  | SNF 040x10-06-6 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 14 | 16 | 81,5  | 70  | SNF 040x12-06-3 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 14 | 16 | 81,5  | 70  | SNF 040x12-06-5 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 14 | 16 | 81,5  | 70  | SNF 040x12-06-6 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 20 | 25 | 81,5  | 70  | SNF 040x16-08-3 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 20 | 25 | 81,5  | 70  | SNF 040x16-08-5 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 20 | 25 | 81,5  | 70  | SNF 040x16-08-6 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 20 | 25 | 81,5  | 70  | SNF 040x20-08-3 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 20 | 25 | 81,5  | 70  | SNF 040x20-08-5 -R |
| 63   | 93   | 78  | 9   | 8  | M8x1 | 20 | 25 | 81,5  | 70  | SNF 040x20-08-6 -R |
| 75   | 110  | 93  | 11  | 8  | M8x1 | 16 | 10 | 97,5  | 85  | SNF 050x05-04-2 -R |
| 75   | 110  | 93  | 11  | 8  | M8x1 | 16 | 10 | 97,5  | 85  | SNF 050x05-04-4 -R |
| 75   | 110  | 93  | 11  | 8  | M8x1 | 16 | 10 | 97,5  | 85  | SNF 050x05-04-5 -R |
| 75   | 110  | 93  | 11  | 8  | M8x1 | 16 | 10 | 97,5  | 85  | SNF 050x06-04-2 -R |
| 75   | 110  | 93  | 11  | 8  | M8x1 | 16 | 10 | 97,5  | 85  | SNF 050x06-04-4 -R |
| 75   | 110  | 93  | 11  | 8  | M8x1 | 16 | 10 | 97,5  | 85  | SNF 050x06-04-5 -R |
| 75   | 110  | 93  | 11  | 8  | M8x1 | 16 | 16 | 97,5  | 85  | SNF 050x08-06-2 -R |
| 75   | 110  | 93  | 11  | 8  | M8x1 | 16 | 16 | 97,5  | 85  | SNF 050x08-06-4 -R |
| 75   | 110  | 93  | 11  | 8  | M8x1 | 16 | 16 | 97,5  | 85  | SNF 050x08-06-5 -R |
| 75   | 110  | 93  | 11  | 8  | M8x1 | 16 | 16 | 97,5  | 85  | SNF 050x10-06-3 -R |
| 75   | 110  | 93  | 11  | 8  | M8x1 | 16 | 16 | 97,5  | 85  | SNF 050x10-06-5 -R |
| 75   | 110  | 93  | 11  | 8  | M8x1 | 16 | 16 | 97,5  | 85  | SNF 050x10-06-6 -R |
| 75   | 110  | 93  | 11  | 8  | M8x1 | 16 | 16 | 97,5  | 85  | SNF 050x12-08-3 -R |
| 75   | 110  | 93  | 11  | 8  | M8x1 | 16 | 16 | 97,5  | 85  | SNF 050x12-08-5 -R |
| 75   | 110  | 93  | 11  | 8  | M8x1 | 16 | 16 | 97,5  | 85  | SNF 050x12-08-6 -R |
| 85   | 120  | 103 | 11  | 8  | M8x1 | 20 | 25 | 107,5 | 95  | SNF 050x16-10-3 -R |
| 85   | 120  | 103 | 11  | 8  | M8x1 | 20 | 25 | 107,5 | 95  | SNF 050x16-10-5 -R |
| 85   | 120  | 103 | 11  | 8  | M8x1 | 20 | 25 | 107,5 | 95  | SNF 050x16-10-6 -R |
| 85   | 120  | 103 | 11  | 8  | M8x1 | 20 | 25 | 107,5 | 95  | SNF 050x20-10-3 -R |
| 85   | 120  | 103 | 11  | 8  | M8x1 | 20 | 25 | 107,5 | 95  | SNF 050x20-10-5 -R |
| 85   | 120  | 103 | 11  | 8  | M8x1 | 20 | 25 | 107,5 | 95  | SNF 050x20-10-6 -R |

單螺帽  
法蘭式

## 徑向迴珠器



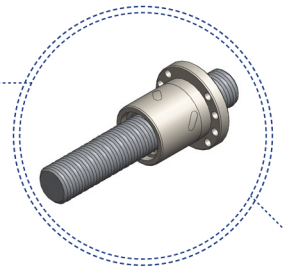
| 代碼                 | d  | p  | 滾珠直徑   | Nc | LT   | Coa     | Ca      |
|--------------------|----|----|--------|----|------|---------|---------|
|                    |    |    |        |    | ±0,1 | N       | N       |
| SNF 063x05-04-2 -R | 63 | 5  | 3,969  | 2  | 51   | 65.267  | 20.666  |
| SNF 063x05-04-4 -R |    |    |        | 4  | 62   | 130.534 | 37.509  |
| SNF 063x05-04-5 -R |    |    |        | 5  | 67   | 163.168 | 45.444  |
| SNF 063x08-06-2 -R |    | 8  | 6,35   | 2  | 67   | 99.947  | 38.884  |
| SNF 063x08-06-4 -R |    |    |        | 4  | 84   | 199.893 | 70.577  |
| SNF 063x08-06-5 -R |    |    |        | 5  | 92   | 249.867 | 85.508  |
| SNF 063x10-06-3 -R |    | 10 | 6,35   | 3  | 80   | 149.856 | 55.108  |
| SNF 063x10-06-5 -R |    |    |        | 5  | 100  | 249.759 | 85.508  |
| SNF 063x10-06-6 -R |    |    |        | 6  | 110  | 299.711 | 100.023 |
| SNF 063x12-06-3 -R |    | 12 | 6,35   | 3  | 93   | 149.777 | 55.108  |
| SNF 063x12-06-5 -R |    |    |        | 5  | 118  | 249.628 | 85.508  |
| SNF 063x12-06-6 -R |    |    |        | 6  | 130  | 299.554 | 100.023 |
| SNF 063x15-10-3 -R |    | 15 | 9,525  | 3  | 116  | 206.382 | 92.064  |
| SNF 063x15-10-5 -R |    |    |        | 5  | 147  | 343.971 | 142.850 |
| SNF 063x15-10-6 -R |    |    |        | 6  | 162  | 412.765 | 167.100 |
| SNF 063x16-10-3 -R |    | 16 | 9,525  | 3  | 123  | 206.309 | 92.064  |
| SNF 063x16-10-5 -R |    |    |        | 5  | 156  | 343.848 | 142.850 |
| SNF 063x16-10-6 -R |    |    |        | 6  | 172  | 412.617 | 167.100 |
| SNF 063x20-10-3 -R |    | 20 | 12,7   | 3  | 134  | 205.967 | 92.064  |
| SNF 063x20-10-5 -R |    |    |        | 5  | 186  | 343.278 | 142.850 |
| SNF 063x20-10-6 -R |    |    |        | 6  | 206  | 411.934 | 167.100 |
| SNF 063x20-13-3 -R |    | 20 | 12,7   | 3  | 150  | 254.155 | 128.229 |
| SNF 063x20-13-5 -R |    |    |        | 5  | 191  | 423.591 | 198.965 |
| SNF 063x20-13-6 -R |    |    |        | 6  | 211  | 508.309 | 232.741 |
| SNF 080x10-06-3 -R | 80 | 10 | 6,35   | 3  | 85   | 192.741 | 61.045  |
| SNF 080x10-06-5 -R |    |    |        | 5  | 105  | 321.235 | 94.720  |
| SNF 080x10-06-6 -R |    |    |        | 6  | 115  | 385.482 | 110.799 |
| SNF 080x12-06-3 -R |    | 12 | 6,35   | 3  | 95   | 192.678 | 61.045  |
| SNF 080x12-06-5 -R |    |    |        | 5  | 120  | 321.129 | 94.720  |
| SNF 080x12-06-6 -R |    |    |        | 6  | 132  | 385.355 | 110.799 |
| SNF 080x15-06-3 -R |    | 15 | 6,35   | 3  | 103  | 192.561 | 61.045  |
| SNF 080x15-06-5 -R |    |    |        | 5  | 134  | 320.934 | 94.720  |
| SNF 080x15-06-6 -R |    |    |        | 6  | 150  | 385.121 | 110.799 |
| SNF 080x16-10-3 -R |    | 16 | 9,525  | 3  | 128  | 282.651 | 107.233 |
| SNF 080x16-10-5 -R |    |    |        | 5  | 161  | 471.084 | 166.387 |
| SNF 080x16-10-6 -R |    |    |        | 6  | 177  | 565.301 | 194.632 |
| SNF 080x20-10-3 -R |    | 20 | 9,525  | 3  | 139  | 282.354 | 107.233 |
| SNF 080x20-10-5 -R |    |    |        | 5  | 191  | 470.589 | 166.387 |
| SNF 080x20-10-6 -R |    |    |        | 6  | 211  | 564.707 | 194.632 |
| SNF 080x20-13-3 -R |    | 20 | 12,7   | 3  | 155  | 344.683 | 149.889 |
| SNF 080x20-13-5 -R |    |    |        | 5  | 196  | 574.472 | 232.573 |
| SNF 080x20-13-6 -R |    |    |        | 6  | 215  | 689.367 | 272.054 |
| SNF 080x25-10-3 -R |    | 25 | 9,525  | 3  | 164  | 281.891 | 107.233 |
| SNF 080x25-10-5 -R |    |    |        | 5  | 215  | 469.819 | 166.387 |
| SNF 080x25-10-6 -R |    |    |        | 6  | 241  | 563.783 | 194.632 |
| SNF 080x25-13-3 -R |    | 25 | 12,7   | 3  | 169  | 344.132 | 149.889 |
| SNF 080x25-13-5 -R |    |    |        | 5  | 233  | 573.554 | 232.573 |
| SNF 080x25-13-6 -R |    |    |        | 6  | 258  | 688.265 | 272.054 |
| SNF 080x25-16-3 -R |    | 25 | 15,875 | 3  | 184  | 430.448 | 201.650 |
| SNF 080x25-16-5 -R |    |    |        | 5  | 236  | 717.414 | 312.887 |
| SNF 080x25-16-6 -R |    |    |        | 6  | 261  | 860.897 | 366.002 |

Ca:動態負載

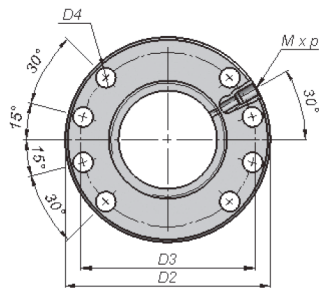
Coa:靜態負載

Nc:回轉圈數

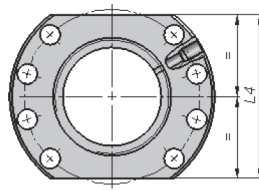




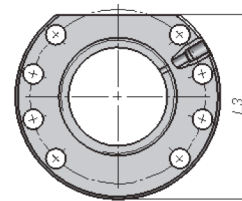
法蘭形式 A



法蘭形式 B



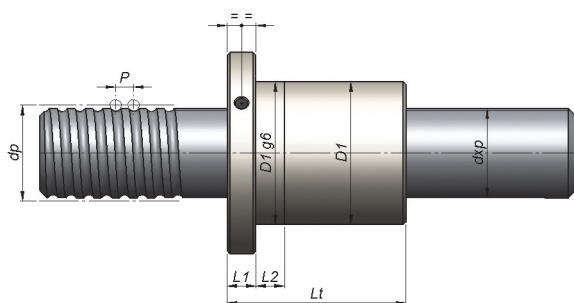
法蘭形式 C



| D1g6 | D2   | D3    | D4   | 孔數 | MXP  | L1 | L2 | L3    | L4  | 代碼                 |
|------|------|-------|------|----|------|----|----|-------|-----|--------------------|
|      | ±0,1 | h13   | H13  |    |      |    | +2 | h13   | h13 |                    |
| 90   | 123  | 106,5 | 11   | 8  | M8x1 | 18 | 10 | 109   | 95  | SNF 063x05-04-2 -R |
| 90   | 123  | 106,5 | 11   | 8  | M8x1 | 18 | 10 | 109   | 95  | SNF 063x05-04-4 -R |
| 90   | 123  | 106,5 | 11   | 8  | M8x1 | 18 | 10 | 109   | 95  | SNF 063x05-04-5 -R |
| 90   | 123  | 106,5 | 11   | 8  | M8x1 | 18 | 16 | 109   | 95  | SNF 063x08-06-2 -R |
| 90   | 123  | 106,5 | 11   | 8  | M8x1 | 18 | 16 | 109   | 95  | SNF 063x08-06-4 -R |
| 90   | 123  | 106,5 | 11   | 8  | M8x1 | 18 | 16 | 109   | 95  | SNF 063x08-06-5 -R |
| 90   | 125  | 108   | 11   | 8  | M8x1 | 18 | 16 | 110   | 95  | SNF 063x10-06-3 -R |
| 90   | 125  | 108   | 11   | 8  | M8x1 | 18 | 16 | 110   | 95  | SNF 063x10-06-5 -R |
| 90   | 125  | 108   | 11   | 8  | M8x1 | 18 | 16 | 110   | 95  | SNF 063x10-06-6 -R |
| 90   | 125  | 108   | 11   | 8  | M8x1 | 18 | 16 | 110   | 95  | SNF 063x12-06-3 -R |
| 90   | 125  | 108   | 11   | 8  | M8x1 | 18 | 16 | 110   | 95  | SNF 063x12-06-5 -R |
| 90   | 125  | 108   | 11   | 8  | M8x1 | 18 | 16 | 110   | 95  | SNF 063x12-06-6 -R |
| 95   | 128  | 111,5 | 11   | 8  | M8x1 | 18 | 16 | 114   | 100 | SNF 063x15-10-3 -R |
| 95   | 128  | 111,5 | 11   | 8  | M8x1 | 18 | 16 | 114   | 100 | SNF 063x15-10-5 -R |
| 95   | 128  | 111,5 | 11   | 8  | M8x1 | 18 | 16 | 114   | 100 | SNF 063x15-10-6 -R |
| 95   | 128  | 111,5 | 11   | 8  | M8x1 | 20 | 25 | 114   | 100 | SNF 063x16-10-3 -R |
| 95   | 128  | 111,5 | 11   | 8  | M8x1 | 20 | 25 | 114   | 100 | SNF 063x16-10-5 -R |
| 95   | 128  | 111,5 | 11   | 8  | M8x1 | 20 | 25 | 114   | 100 | SNF 063x16-10-6 -R |
| 95   | 135  | 115   | 13,5 | 8  | M8x1 | 20 | 25 | 117,5 | 100 | SNF 063x20-10-3 -R |
| 95   | 135  | 115   | 13,5 | 8  | M8x1 | 20 | 25 | 117,5 | 100 | SNF 063x20-10-5 -R |
| 95   | 135  | 115   | 13,5 | 8  | M8x1 | 20 | 25 | 117,5 | 100 | SNF 063x20-10-6 -R |
| 105  | 145  | 125   | 13,5 | 8  | M8x1 | 20 | 25 | 127,5 | 110 | SNF 063x20-13-3 -R |
| 105  | 145  | 125   | 13,5 | 8  | M8x1 | 20 | 25 | 127,5 | 110 | SNF 063x20-13-5 -R |
| 105  | 145  | 125   | 13,5 | 8  | M8x1 | 20 | 25 | 127,5 | 110 | SNF 063x20-13-6 -R |
| 105  | 145  | 125   | 13,5 | 8  | M8x1 | 20 | 16 | 127,5 | 110 | SNF 080x10-06-3 -R |
| 105  | 145  | 125   | 13,5 | 8  | M8x1 | 20 | 16 | 127,5 | 110 | SNF 080x10-06-5 -R |
| 105  | 145  | 125   | 13,5 | 8  | M8x1 | 20 | 16 | 127,5 | 110 | SNF 080x10-06-6 -R |
| 105  | 145  | 125   | 13,5 | 8  | M8x1 | 20 | 16 | 127,5 | 110 | SNF 080x12-06-3 -R |
| 105  | 145  | 125   | 13,5 | 8  | M8x1 | 20 | 16 | 127,5 | 110 | SNF 080x12-06-5 -R |
| 105  | 145  | 125   | 13,5 | 8  | M8x1 | 20 | 16 | 127,5 | 110 | SNF 080x12-06-6 -R |
| 105  | 145  | 125   | 13,5 | 8  | M8x1 | 20 | 16 | 127,5 | 110 | SNF 080x15-06-3 -R |
| 105  | 145  | 125   | 13,5 | 8  | M8x1 | 20 | 16 | 127,5 | 110 | SNF 080x15-06-5 -R |
| 105  | 145  | 125   | 13,5 | 8  | M8x1 | 20 | 16 | 127,5 | 110 | SNF 080x15-06-6 -R |
| 125  | 165  | 145   | 13,5 | 8  | M8x1 | 25 | 25 | 147,5 | 130 | SNF 080x16-10-3 -R |
| 125  | 165  | 145   | 13,5 | 8  | M8x1 | 25 | 25 | 147,5 | 130 | SNF 080x16-10-5 -R |
| 125  | 165  | 145   | 13,5 | 8  | M8x1 | 25 | 25 | 147,5 | 130 | SNF 080x16-10-6 -R |
| 125  | 165  | 145   | 13,5 | 8  | M8x1 | 25 | 25 | 147,5 | 130 | SNF 080x20-10-3 -R |
| 125  | 165  | 145   | 13,5 | 8  | M8x1 | 25 | 25 | 147,5 | 130 | SNF 080x20-10-5 -R |
| 125  | 165  | 145   | 13,5 | 8  | M8x1 | 25 | 25 | 147,5 | 130 | SNF 080x20-10-6 -R |
| 125  | 165  | 145   | 13,5 | 8  | M8x1 | 25 | 25 | 147,5 | 130 | SNF 080x20-13-3 -R |
| 125  | 165  | 145   | 13,5 | 8  | M8x1 | 25 | 25 | 147,5 | 130 | SNF 080x20-13-5 -R |
| 125  | 165  | 145   | 13,5 | 8  | M8x1 | 25 | 25 | 147,5 | 130 | SNF 080x20-13-6 -R |
| 125  | 165  | 145   | 13,5 | 8  | M8x1 | 25 | 30 | 147,5 | 130 | SNF 080x25-10-3 -R |
| 125  | 165  | 145   | 13,5 | 8  | M8x1 | 25 | 30 | 147,5 | 130 | SNF 080x25-10-5 -R |
| 125  | 165  | 145   | 13,5 | 8  | M8x1 | 25 | 30 | 147,5 | 130 | SNF 080x25-10-6 -R |
| 125  | 165  | 145   | 13,5 | 8  | M8x1 | 25 | 30 | 147,5 | 130 | SNF 080x25-13-3 -R |
| 125  | 165  | 145   | 13,5 | 8  | M8x1 | 25 | 30 | 147,5 | 130 | SNF 080x25-13-5 -R |
| 125  | 165  | 145   | 13,5 | 8  | M8x1 | 25 | 30 | 147,5 | 130 | SNF 080x25-13-6 -R |
| 125  | 165  | 145   | 13,5 | 8  | M8x1 | 25 | 30 | 147,5 | 130 | SNF 080x25-16-3 -R |
| 125  | 165  | 145   | 13,5 | 8  | M8x1 | 25 | 30 | 147,5 | 130 | SNF 080x25-16-5 -R |
| 125  | 165  | 145   | 13,5 | 8  | M8x1 | 25 | 30 | 147,5 | 130 | SNF 080x25-16-6 -R |

單螺帽  
法蘭式

## 徑向迴珠器

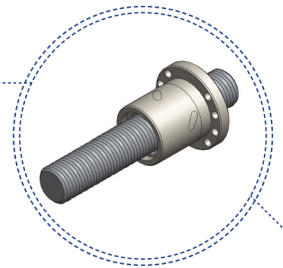


| 代碼                 | d   | p    | 滾珠直徑   | Nc    | LT   | Coa       | Ca      |         |
|--------------------|-----|------|--------|-------|------|-----------|---------|---------|
|                    |     |      |        |       | ±0,1 | N         | N       |         |
| SNF 100x10-06-3 -R | 100 | 10   | 6,35   | 3     | 86   | 246.282   | 67.454  |         |
| SNF 100x10-06-5 -R |     |      |        | 5     | 107  | 410.470   | 104.664 |         |
| SNF 100x10-06-6 -R |     |      |        | 6     | 117  | 492.564   | 122.432 |         |
| SNF 100x12-06-3 -R |     | 12   |        | 3     | 97   | 246.230   | 67.454  |         |
| SNF 100x12-06-5 -R |     |      |        | 5     | 122  | 410.383   | 104.664 |         |
| SNF 100x12-06-6 -R |     |      |        | 6     | 134  | 492.459   | 122.432 |         |
| SNF 100x16-10-3 -R |     | 16   | 9,525  | 3     | 133  | 372.059   | 121.460 |         |
| SNF 100x16-10-5 -R |     |      |        | 5     | 166  | 620.098   | 188.462 |         |
| SNF 100x16-10-6 -R |     |      |        | 6     | 182  | 744.118   | 220.455 |         |
| SNF 100x20-10-3 -R |     | 20   |        | 3     | 144  | 371.805   | 121.460 |         |
| SNF 100x20-10-5 -R |     |      |        | 5     | 196  | 619.674   | 188.462 |         |
| SNF 100x20-10-6 -R |     |      |        | 6     | 216  | 743.609   | 220.455 |         |
| SNF 100x20-13-3 -R |     | 12,7 | 12,7   | 3     | 160  | 458.016   | 171.983 |         |
| SNF 100x20-13-5 -R |     |      |        | 5     | 200  | 763.360   | 266.855 |         |
| SNF 100x20-13-6 -R |     |      |        | 6     | 220  | 916.032   | 312.155 |         |
| SNF 100x25-10-3 -R |     | 25   |        | 9,525 | 3    | 169       | 371.408 | 121.460 |
| SNF 100x25-10-5 -R |     |      |        |       | 5    | 220       | 619.013 | 188.462 |
| SNF 100x25-10-6 -R |     |      |        |       | 6    | 246       | 742.816 | 220.455 |
| SNF 100x25-13-3 -R |     |      | 12,7   | 3     | 174  | 457.537   | 171.983 |         |
| SNF 100x25-13-5 -R |     |      |        | 5     | 238  | 762.561   | 266.855 |         |
| SNF 100x25-13-6 -R |     |      |        | 6     | 263  | 915.074   | 312.155 |         |
| SNF 100x25-16-3 -R |     |      | 15,875 | 3     | 189  | 571.828   | 233.116 |         |
| SNF 100x25-16-5 -R |     |      |        | 5     | 241  | 953.047   | 361.711 |         |
| SNF 100x25-16-6 -R |     |      |        | 6     | 266  | 1.143.656 | 423.115 |         |
| SNF 120x10-06-3 -R | 120 | 10   | 6,35   | 3     | 90   | 299.850   | 72.935  |         |
| SNF 120x10-06-5 -R |     |      |        | 5     | 110  | 499.749   | 113.169 |         |
| SNF 120x10-06-6 -R |     |      |        | 6     | 130  | 599.699   | 132.380 |         |
| SNF 120x12-06-3 -R |     | 12   |        | 3     | 97   | 299.805   | 72.935  |         |
| SNF 120x12-06-5 -R |     |      |        | 5     | 122  | 499.675   | 113.169 |         |
| SNF 120x12-06-6 -R |     |      |        | 6     | 134  | 599.610   | 132.380 |         |
| SNF 120x16-10-3 -R |     | 16   | 9,525  | 3     | 133  | 449.162   | 130.943 |         |
| SNF 120x16-10-5 -R |     |      |        | 5     | 166  | 748.603   | 203.175 |         |
| SNF 120x16-10-6 -R |     |      |        | 6     | 182  | 898.324   | 237.666 |         |
| SNF 120x20-10-3 -R |     | 20   |        | 3     | 144  | 448.946   | 130.943 |         |
| SNF 120x20-10-5 -R |     |      |        | 5     | 196  | 748.244   | 203.175 |         |
| SNF 120x20-10-6 -R |     |      |        | 6     | 216  | 897.892   | 237.666 |         |
| SNF 120x20-13-3 -R |     | 12,7 | 12,7   | 3     | 160  | 571.681   | 190.295 |         |
| SNF 120x20-13-5 -R |     |      |        | 5     | 201  | 952.801   | 295.268 |         |
| SNF 120x20-13-6 -R |     |      |        | 6     | 221  | 1.143.362 | 345.392 |         |
| SNF 120x25-10-3 -R |     | 25   |        | 9,525 | 3    | 169       | 448.610 | 130.943 |
| SNF 120x25-10-5 -R |     |      |        |       | 5    | 220       | 747.683 | 203.175 |
| SNF 120x25-10-6 -R |     |      |        |       | 6    | 246       | 897.219 | 237.666 |
| SNF 120x25-13-3 -R |     |      | 12,7   | 3     | 174  | 571.259   | 190.295 |         |
| SNF 120x25-13-5 -R |     |      |        | 5     | 238  | 952.099   | 295.268 |         |
| SNF 120x25-13-6 -R |     |      |        | 6     | 263  | 1.142.519 | 345.392 |         |
| SNF 120x25-16-3 -R |     |      | 15,875 | 3     | 189  | 713.695   | 259.099 |         |
| SNF 120x25-16-5 -R |     |      |        | 5     | 241  | 1.189.491 | 402.028 |         |
| SNF 120x25-16-6 -R |     |      |        | 6     | 266  | 1.427.389 | 470.275 |         |

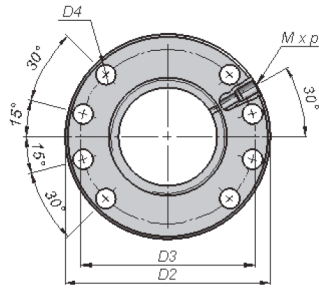
Ca:動態負載

Coa:靜態負載

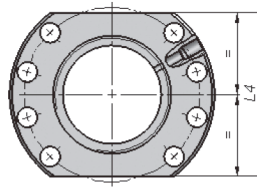
Nc:回轉圈數



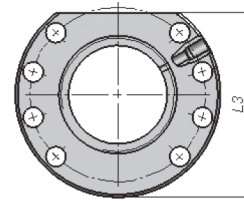
法蘭形式 A



法蘭形式 B



法蘭形式 C

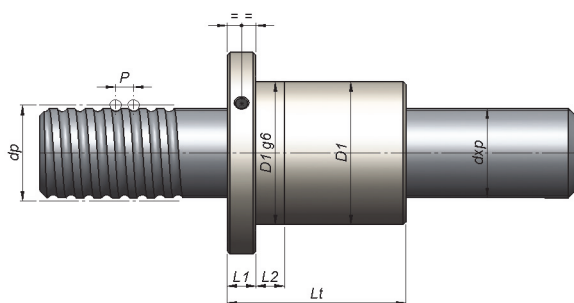


| D1g6 | D2   | D3  | D4   | 孔數 | MXP  | L1 | L2 | L3    | L4  | 代碼                 |
|------|------|-----|------|----|------|----|----|-------|-----|--------------------|
|      | ±0,1 | h13 | H13  |    |      |    | +2 | h13   | h13 |                    |
| 125  | 165  | 145 | 13,5 | 8  | M8x1 | 22 | 16 | 147,5 | 130 | SNF 100x10-06-3 -R |
| 125  | 165  | 145 | 13,5 | 8  | M8x1 | 22 | 16 | 147,5 | 130 | SNF 100x10-06-5 -R |
| 125  | 165  | 145 | 13,5 | 8  | M8x1 | 22 | 16 | 147,5 | 130 | SNF 100x10-06-6 -R |
| 125  | 165  | 145 | 13,5 | 8  | M8x1 | 22 | 16 | 147,5 | 130 | SNF 100x12-06-3 -R |
| 125  | 165  | 145 | 13,5 | 8  | M8x1 | 22 | 16 | 147,5 | 130 | SNF 100x12-06-5 -R |
| 125  | 165  | 145 | 13,5 | 8  | M8x1 | 22 | 16 | 147,5 | 130 | SNF 100x12-06-6 -R |
| 135  | 180  | 160 | 17,5 | 8  | M8x1 | 30 | 25 | 162,5 | 145 | SNF 100x16-10-3 -R |
| 135  | 180  | 160 | 17,5 | 8  | M8x1 | 30 | 25 | 162,5 | 145 | SNF 100x16-10-5 -R |
| 135  | 180  | 160 | 17,5 | 8  | M8x1 | 30 | 25 | 162,5 | 145 | SNF 100x16-10-6 -R |
| 135  | 180  | 160 | 17,5 | 8  | M8x1 | 30 | 25 | 162,5 | 145 | SNF 100x20-10-3 -R |
| 135  | 180  | 160 | 17,5 | 8  | M8x1 | 30 | 25 | 162,5 | 145 | SNF 100x20-10-5 -R |
| 135  | 180  | 160 | 17,5 | 8  | M8x1 | 30 | 25 | 162,5 | 145 | SNF 100x20-10-6 -R |
| 150  | 202  | 176 | 17,5 | 8  | M8x1 | 30 | 25 | 178,5 | 155 | SNF 100x20-13-3 -R |
| 150  | 202  | 176 | 17,5 | 8  | M8x1 | 30 | 25 | 178,5 | 155 | SNF 100x20-13-5 -R |
| 150  | 202  | 176 | 17,5 | 8  | M8x1 | 30 | 25 | 178,5 | 155 | SNF 100x20-13-6 -R |
| 150  | 202  | 176 | 17,5 | 8  | M8x1 | 30 | 30 | 178,5 | 155 | SNF 100x25-10-3 -R |
| 150  | 202  | 176 | 17,5 | 8  | M8x1 | 30 | 30 | 178,5 | 155 | SNF 100x25-10-5 -R |
| 150  | 202  | 176 | 17,5 | 8  | M8x1 | 30 | 30 | 178,5 | 155 | SNF 100x25-10-6 -R |
| 150  | 202  | 176 | 17,5 | 8  | M8x1 | 30 | 30 | 178,5 | 155 | SNF 100x25-13-3 -R |
| 150  | 202  | 176 | 17,5 | 8  | M8x1 | 30 | 30 | 178,5 | 155 | SNF 100x25-13-5 -R |
| 150  | 202  | 176 | 17,5 | 8  | M8x1 | 30 | 30 | 178,5 | 155 | SNF 100x25-13-6 -R |
| 150  | 202  | 176 | 17,5 | 8  | M8x1 | 30 | 30 | 178,5 | 155 | SNF 100x25-16-3 -R |
| 150  | 202  | 176 | 17,5 | 8  | M8x1 | 30 | 30 | 178,5 | 155 | SNF 100x25-16-5 -R |
| 150  | 202  | 176 | 17,5 | 8  | M8x1 | 30 | 30 | 178,5 | 155 | SNF 100x25-16-6 -R |
| 150  | 202  | 176 | 17,5 | 8  | M8x1 | 25 | 16 | 178,5 | 155 | SNF 120x10-06-3 -R |
| 150  | 202  | 176 | 17,5 | 8  | M8x1 | 25 | 16 | 178,5 | 155 | SNF 120x10-06-5 -R |
| 150  | 202  | 176 | 17,5 | 8  | M8x1 | 25 | 16 | 178,5 | 155 | SNF 120x10-06-6 -R |
| 160  | 212  | 186 | 17,5 | 8  | M8x1 | 22 | 16 | 188,5 | 165 | SNF 120x12-06-3 -R |
| 160  | 212  | 186 | 17,5 | 8  | M8x1 | 22 | 16 | 188,5 | 165 | SNF 120x12-06-5 -R |
| 160  | 212  | 186 | 17,5 | 8  | M8x1 | 22 | 16 | 188,5 | 165 | SNF 120x12-06-6 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1 | 30 | 25 | 198,5 | 175 | SNF 120x16-10-3 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1 | 30 | 25 | 198,5 | 175 | SNF 120x16-10-5 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1 | 30 | 25 | 198,5 | 175 | SNF 120x16-10-6 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1 | 30 | 25 | 198,5 | 175 | SNF 120x20-10-3 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1 | 30 | 25 | 198,5 | 175 | SNF 120x20-10-5 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1 | 30 | 25 | 198,5 | 175 | SNF 120x20-10-6 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1 | 30 | 25 | 198,5 | 175 | SNF 120x20-13-3 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1 | 30 | 25 | 198,5 | 175 | SNF 120x20-13-5 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1 | 30 | 25 | 198,5 | 175 | SNF 120x20-13-6 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1 | 30 | 30 | 198,5 | 175 | SNF 120x25-10-3 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1 | 30 | 30 | 198,5 | 175 | SNF 120x25-10-5 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1 | 30 | 30 | 198,5 | 175 | SNF 120x25-10-6 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1 | 30 | 30 | 198,5 | 175 | SNF 120x25-13-3 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1 | 30 | 30 | 198,5 | 175 | SNF 120x25-13-5 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1 | 30 | 30 | 198,5 | 175 | SNF 120x25-13-6 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1 | 30 | 30 | 198,5 | 175 | SNF 120x25-16-3 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1 | 30 | 30 | 198,5 | 175 | SNF 120x25-16-5 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1 | 30 | 30 | 198,5 | 175 | SNF 120x25-16-6 -R |



單螺帽  
法蘭式

## 徑向迴珠器

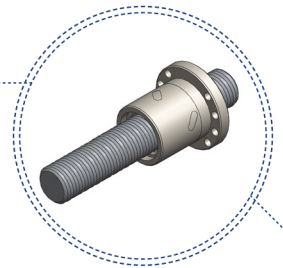


| 代碼                 | d   | p     | 滾珠直徑   | Nc     | LT   | Coa       | Ca        |         |
|--------------------|-----|-------|--------|--------|------|-----------|-----------|---------|
|                    |     |       |        |        | ±0,1 | N         | N         |         |
| SNF 125x10-06-3 -R | 125 | 10    | 6,35   | 3      | 90   | 310.612   | 73.780    |         |
| SNF 125x10-06-5 -R |     |       |        | 5      | 110  | 517.686   | 114.480   |         |
| SNF 125x10-06-6 -R |     |       |        | 6      | 120  | 621.224   | 133.914   |         |
| SNF 125x12-06-3 -R |     | 12    |        | 3      | 100  | 310.569   | 73.780    |         |
| SNF 125x12-06-5 -R |     |       |        | 5      | 125  | 517.615   | 114.480   |         |
| SNF 125x12-06-6 -R |     |       |        | 6      | 134  | 621.138   | 133.914   |         |
| SNF 125x16-10-3 -R |     | 16    | 9,525  | 3      | 133  | 474.682   | 134.302   |         |
| SNF 125x16-10-5 -R |     |       |        | 5      | 166  | 791.136   | 208.388   |         |
| SNF 125x16-10-6 -R |     |       |        | 6      | 182  | 949.363   | 243.764   |         |
| SNF 125x20-10-3 -R |     | 20    |        | 3      | 144  | 474.471   | 134.302   |         |
| SNF 125x20-10-5 -R |     |       |        | 5      | 196  | 790.785   | 208.388   |         |
| SNF 125x20-10-6 -R |     |       |        | 6      | 216  | 948.942   | 243.764   |         |
| SNF 125x20-13-3 -R |     |       | 12,7   | 3      | 160  | 594.624   | 193.249   |         |
| SNF 125x20-13-5 -R |     |       |        | 5      | 201  | 991.040   | 299.853   |         |
| SNF 125x20-13-6 -R |     |       |        | 6      | 221  | 1.189.248 | 350.755   |         |
| SNF 125x25-10-3 -R |     | 25    | 9,525  | 3      | 169  | 474.143   | 134.302   |         |
| SNF 125x25-10-5 -R |     |       |        | 5      | 220  | 790.238   | 208.388   |         |
| SNF 125x25-10-6 -R |     |       |        | 6      | 246  | 948.285   | 243.764   |         |
| SNF 125x25-13-3 -R |     |       | 12,7   | 3      | 174  | 594.219   | 193.249   |         |
| SNF 125x25-13-5 -R |     |       |        | 5      | 238  | 990.365   | 299.853   |         |
| SNF 125x25-13-6 -R |     |       |        | 6      | 263  | 1.188.437 | 350.755   |         |
| SNF 125x25-16-3 -R |     |       | 15,875 | 3      | 189  | 749.209   | 264.966   |         |
| SNF 125x25-16-5 -R |     |       |        | 5      | 241  | 1.248.682 | 411.130   |         |
| SNF 125x25-16-6 -R |     |       |        | 6      | 266  | 1.498.418 | 480.923   |         |
| SNF 140x20-13-4 -R | 140 | 20    | 12,7   | 4      | 180  | 914.043   | 263.902   |         |
| SNF 140x20-13-6 -R |     |       |        | 6      | 220  | 1.371.064 | 374.008   |         |
| SNF 140x25-13-4 -R |     | 25    |        | 15,875 | 4    | 200       | 913.542   | 263.902 |
| SNF 140x25-13-6 -R |     |       |        |        | 6    | 263       | 1.370.313 | 374.008 |
| SNF 140x25-16-4 -R |     | 6     | 266    | 4      | 215  | 1.141.109 | 360.352   |         |
| SNF 140x25-16-6 -R |     |       |        | 6      | 266  | 1.711.664 | 510.700   |         |
| SNF 160x20-13-4 -R | 160 | 20    | 12,7   | 4      | 190  | 1.065.997 | 281.751   |         |
| SNF 160x20-13-6 -R |     |       |        | 6      | 230  | 1.598.995 | 399.304   |         |
| SNF 160x25-13-4 -R |     | 25    |        | 15,875 | 4    | 210       | 1.065.547 | 281.751 |
| SNF 160x25-13-6 -R |     |       |        |        | 6    | 260       | 1.598.320 | 399.304 |
| SNF 160x25-16-4 -R |     |       | 4      | 225    | 4    | 225       | 1.330.847 | 385.466 |
| SNF 160x25-16-6 -R |     |       |        |        | 6    | 275       | 1.996.270 | 546.291 |
| SNF 160x25-20-4 -R |     | 19,05 | 4      | 225    | 4    | 225       | 1.575.909 | 492.596 |
| SNF 160x25-20-6 -R |     |       |        |        | 6    | 275       | 2.363.864 | 698.119 |
| SNF 180x20-13-4 -R | 180 | 20    | 12,7   | 4      | 190  | 1.218.052 | 297.833   |         |
| SNF 180x20-13-6 -R |     |       |        | 6      | 230  | 1.827.078 | 422.096   |         |
| SNF 180x25-13-4 -R |     | 25    |        | 15,875 | 4    | 210       | 1.217.643 | 297.833 |
| SNF 180x25-13-6 -R |     |       |        |        | 6    | 260       | 1.826.464 | 422.096 |
| SNF 180x25-16-4 -R |     |       | 4      | 225    | 4    | 225       | 1.520.729 | 408.015 |
| SNF 180x25-16-6 -R |     |       |        |        | 6    | 275       | 2.281.093 | 578.248 |
| SNF 180x25-20-4 -R |     | 19,05 | 4      | 227    | 4    | 227       | 1.781.701 | 518.582 |
| SNF 180x25-20-6 -R |     |       |        |        | 6    | 277       | 2.672.551 | 734.946 |

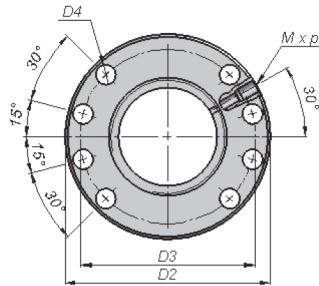
Ca:動態負載

Coa:靜態負載

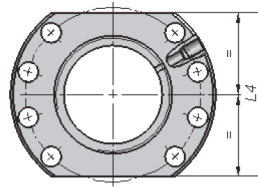
Nc:回轉圈數



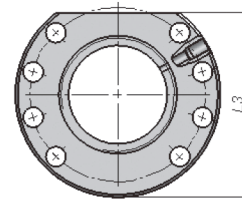
法蘭形式 A



法蘭形式 B



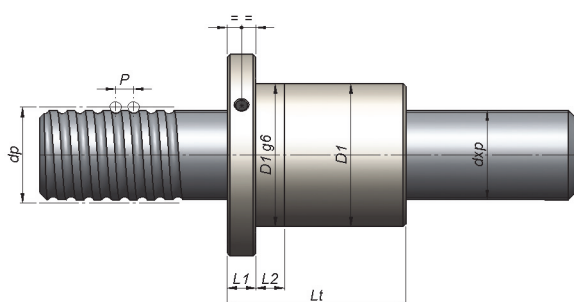
法蘭形式 C



| D1g6 | D2   | D3  | D4   | 孔數 | MXP   | L1 | L2 | L3    | L4  | 代碼                 |
|------|------|-----|------|----|-------|----|----|-------|-----|--------------------|
|      | ±0,1 | h13 | H13  |    |       |    | +2 | h13   | h13 |                    |
| 150  | 202  | 176 | 17,5 | 8  | M8x1  | 25 | 16 | 178,5 | 155 | SNF 125x10-06-3 -R |
| 150  | 202  | 176 | 17,5 | 8  | M8x1  | 25 | 16 | 178,5 | 155 | SNF 125x10-06-5 -R |
| 150  | 202  | 176 | 17,5 | 8  | M8x1  | 25 | 16 | 178,5 | 155 | SNF 125x10-06-6 -R |
| 160  | 210  | 185 | 17,5 | 8  | M8x1  | 25 | 16 | 186,5 | 163 | SNF 125x12-06-3 -R |
| 160  | 210  | 185 | 17,5 | 8  | M8x1  | 25 | 16 | 186,5 | 163 | SNF 125x12-06-5 -R |
| 160  | 210  | 185 | 17,5 | 8  | M8x1  | 25 | 16 | 186,5 | 163 | SNF 125x12-06-6 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1  | 30 | 25 | 198,5 | 175 | SNF 125x16-10-3 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1  | 30 | 25 | 198,5 | 175 | SNF 125x16-10-5 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1  | 30 | 25 | 198,5 | 175 | SNF 125x16-10-6 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1  | 30 | 25 | 198,5 | 175 | SNF 125x20-10-3 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1  | 30 | 25 | 198,5 | 175 | SNF 125x20-10-5 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1  | 30 | 25 | 198,5 | 175 | SNF 125x20-10-6 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1  | 30 | 25 | 198,5 | 175 | SNF 125x20-13-3 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1  | 30 | 25 | 198,5 | 175 | SNF 125x20-13-5 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1  | 30 | 25 | 198,5 | 175 | SNF 125x20-13-6 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1  | 30 | 30 | 198,5 | 175 | SNF 125x25-10-3 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1  | 30 | 30 | 198,5 | 175 | SNF 125x25-10-5 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1  | 30 | 30 | 198,5 | 175 | SNF 125x25-10-6 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1  | 30 | 30 | 198,5 | 175 | SNF 125x25-13-3 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1  | 30 | 30 | 198,5 | 175 | SNF 125x25-13-5 -R |
| 170  | 222  | 196 | 17,5 | 8  | M8x1  | 30 | 30 | 198,5 | 175 | SNF 125x25-13-6 -R |
| 180  | 232  | 206 | 17,5 | 8  | M8x1  | 30 | 30 | 208,5 | 185 | SNF 125x25-16-3 -R |
| 180  | 232  | 206 | 17,5 | 8  | M8x1  | 30 | 30 | 208,5 | 185 | SNF 125x25-16-5 -R |
| 180  | 232  | 206 | 17,5 | 8  | M8x1  | 30 | 30 | 208,5 | 185 | SNF 125x25-16-6 -R |
| 190  | 242  | 216 | 17,5 | 8  | M8x1  | 30 | 25 | 218,5 | 195 | SNF 140x20-13-4 -R |
| 190  | 242  | 216 | 17,5 | 8  | M8x1  | 30 | 25 | 218,5 | 195 | SNF 140x20-13-6 -R |
| 190  | 242  | 216 | 17,5 | 8  | M8x1  | 30 | 30 | 218,5 | 195 | SNF 140x25-13-4 -R |
| 190  | 242  | 216 | 17,5 | 8  | M8x1  | 30 | 30 | 218,5 | 195 | SNF 140x25-13-6 -R |
| 190  | 242  | 216 | 17,5 | 8  | M8x1  | 30 | 30 | 218,5 | 195 | SNF 140x25-16-4 -R |
| 190  | 242  | 216 | 17,5 | 8  | M8x1  | 30 | 30 | 218,5 | 195 | SNF 140x25-16-6 -R |
| 210  | 275  | 243 | 22   | 8  | M10x1 | 40 | 30 | 245   | 215 | SNF 160x20-13-4 -R |
| 210  | 275  | 243 | 22   | 8  | M10x1 | 40 | 30 | 245   | 215 | SNF 160x20-13-6 -R |
| 210  | 275  | 243 | 22   | 8  | M10x1 | 40 | 30 | 245   | 215 | SNF 160x25-13-4 -R |
| 210  | 275  | 243 | 22   | 8  | M10x1 | 40 | 30 | 245   | 215 | SNF 160x25-13-6 -R |
| 210  | 275  | 243 | 22   | 8  | M10x1 | 40 | 30 | 245   | 215 | SNF 160x25-16-4 -R |
| 210  | 275  | 243 | 22   | 8  | M10x1 | 40 | 30 | 245   | 215 | SNF 160x25-16-6 -R |
| 220  | 290  | 255 | 22   | 8  | M10x1 | 40 | 30 | 257,5 | 225 | SNF 160x25-20-4 -R |
| 220  | 290  | 255 | 22   | 8  | M10x1 | 40 | 30 | 257,5 | 225 | SNF 160x25-20-6 -R |
| 230  | 300  | 265 | 22   | 8  | M10x1 | 40 | 25 | 267,5 | 235 | SNF 180x20-13-4 -R |
| 230  | 300  | 265 | 22   | 8  | M10x1 | 40 | 25 | 267,5 | 235 | SNF 180x20-13-6 -R |
| 230  | 300  | 265 | 22   | 8  | M10x1 | 40 | 30 | 267,5 | 235 | SNF 180x25-13-4 -R |
| 230  | 300  | 265 | 22   | 8  | M10x1 | 40 | 30 | 267,5 | 235 | SNF 180x25-13-6 -R |
| 230  | 300  | 265 | 22   | 8  | M10x1 | 40 | 30 | 267,5 | 235 | SNF 180x25-16-4 -R |
| 230  | 300  | 265 | 22   | 8  | M10x1 | 40 | 30 | 267,5 | 235 | SNF 180x25-16-6 -R |
| 240  | 310  | 275 | 22   | 8  | M10x1 | 40 | 30 | 277,5 | 245 | SNF 180x25-20-4 -R |
| 240  | 310  | 275 | 22   | 8  | M10x1 | 40 | 30 | 277,5 | 245 | SNF 180x25-20-6 -R |

單螺帽  
法蘭式

## 徑向迴珠器



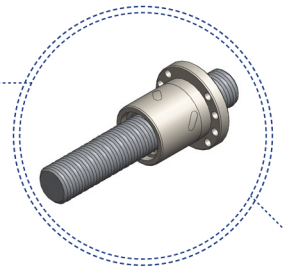
| 代碼                 | d   | p      | 滾珠直徑 | Nc | LT   | Coa       | Ca      |  |
|--------------------|-----|--------|------|----|------|-----------|---------|--|
|                    |     |        |      |    | ±0,1 | N         | N       |  |
| SNF 200x20-13-4 -R | 200 | 20     | 12,7 | 4  | 195  | 1.370.176 | 312.530 |  |
| SNF 200x20-13-6 -R |     |        |      | 6  | 236  | 2.055.265 | 442.925 |  |
| SNF 200x25-13-4 -R |     | 25     |      | 4  | 220  | 1.369.802 | 312.530 |  |
| SNF 200x25-13-6 -R |     |        |      | 6  | 283  | 2.054.703 | 442.925 |  |
| SNF 200x25-16-4 -R |     | 15,875 |      | 4  | 235  | 1.710.711 | 428.564 |  |
| SNF 200x25-16-6 -R |     |        |      | 6  | 286  | 2.566.067 | 607.371 |  |
| SNF 200x25-20-4 -R |     | 19,05  |      | 4  | 237  | 2.053.733 | 554.285 |  |
| SNF 200x25-20-6 -R |     |        |      | 6  | 289  | 3.080.599 | 785.546 |  |
| SNF 220x20-13-4 -R | 220 | 20     | 12,7 | 4  | 195  | 1.522.351 | 326.110 |  |
| SNF 220x20-13-6 -R |     |        |      | 6  | 236  | 2.283.527 | 462.171 |  |
| SNF 220x25-13-4 -R |     | 25     |      | 4  | 220  | 1.522.006 | 326.110 |  |
| SNF 220x25-13-6 -R |     |        |      | 6  | 283  | 2.283.010 | 462.171 |  |
| SNF 220x25-16-4 -R |     | 15,875 |      | 4  | 235  | 1.900.765 | 447.507 |  |
| SNF 220x25-16-6 -R |     |        |      | 6  | 286  | 2.851.148 | 634.217 |  |
| SNF 220x25-20-4 -R |     | 19,05  |      | 4  | 237  | 2.259.722 | 575.543 |  |
| SNF 220x25-20-6 -R |     |        |      | 6  | 289  | 3.389.582 | 815.673 |  |
| SNF 240x20-13-4 -R | 240 | 20     | 12,7 | 4  | 195  | 1.674.564 | 338.766 |  |
| SNF 240x20-13-6 -R |     |        |      | 6  | 236  | 2.511.846 | 480.107 |  |
| SNF 240x25-13-4 -R |     | 25     |      | 4  | 220  | 1.674.244 | 338.766 |  |
| SNF 240x25-13-6 -R |     |        |      | 6  | 283  | 2.511.366 | 480.107 |  |
| SNF 240x25-16-4 -R |     | 15,875 |      | 4  | 235  | 2.090.872 | 465.128 |  |
| SNF 240x25-16-6 -R |     |        |      | 6  | 286  | 3.136.309 | 659.190 |  |
| SNF 240x25-20-4 -R |     | 19,05  |      | 4  | 237  | 2.465.669 | 595.387 |  |
| SNF 240x25-20-6 -R |     |        |      | 6  | 289  | 3.698.503 | 843.797 |  |
| SNF 260x20-13-4 -R | 260 | 20     | 12,7 | 4  | 195  | 1.826.805 | 350.644 |  |
| SNF 260x20-13-6 -R |     |        |      | 6  | 236  | 2.740.208 | 496.942 |  |
| SNF 260x25-13-4 -R |     | 25     |      | 4  | 220  | 1.826.507 | 350.644 |  |
| SNF 260x25-13-6 -R |     |        |      | 6  | 283  | 2.739.760 | 496.942 |  |
| SNF 260x25-16-4 -R |     | 15,875 |      | 4  | 235  | 2.281.021 | 481.640 |  |
| SNF 260x25-16-6 -R |     |        |      | 6  | 286  | 3.421.531 | 682.592 |  |
| SNF 260x25-20-4 -R |     | 19,05  |      | 4  | 237  | 2.671.584 | 614.046 |  |
| SNF 260x25-20-6 -R |     |        |      | 6  | 289  | 4.007.376 | 870.240 |  |
| SNF 280x20-13-4 -R | 280 | 20     | 12,7 | 4  | 195  | 1.979.069 | 361.857 |  |
| SNF 280x20-13-6 -R |     |        |      | 6  | 236  | 2.968.603 | 512.832 |  |
| SNF 280x25-13-4 -R |     | 25     |      | 4  | 220  | 1.978.790 | 361.857 |  |
| SNF 280x25-13-6 -R |     |        |      | 6  | 283  | 2.968.184 | 512.832 |  |
| SNF 280x25-16-4 -R |     | 15,875 |      | 4  | 235  | 2.471.200 | 497.207 |  |
| SNF 280x25-16-6 -R |     |        |      | 6  | 286  | 3.706.800 | 704.653 |  |
| SNF 280x25-20-4 -R |     | 19,05  |      | 4  | 237  | 2.944.392 | 641.448 |  |
| SNF 280x25-20-6 -R |     |        |      | 6  | 289  | 4.416.587 | 909.076 |  |
| SNF 300x20-13-4 -R | 300 | 20     | 12,7 | 4  | 195  | 2.131.350 | 372.493 |  |
| SNF 300x20-13-6 -R |     |        |      | 6  | 236  | 3.197.026 | 527.905 |  |
| SNF 300x25-13-4 -R |     | 25     |      | 4  | 220  | 2.131.088 | 372.493 |  |
| SNF 300x25-13-6 -R |     |        |      | 6  | 283  | 3.196.632 | 527.905 |  |
| SNF 300x25-16-4 -R |     | 15,875 |      | 4  | 235  | 2.661.405 | 511.956 |  |
| SNF 300x25-16-6 -R |     |        |      | 6  | 286  | 3.992.108 | 725.556 |  |
| SNF 300x25-20-4 -R |     | 19,05  |      | 4  | 237  | 3.150.372 | 657.826 |  |
| SNF 300x25-20-6 -R |     |        |      | 6  | 289  | 4.725.558 | 932.287 |  |

Ca:動態負載

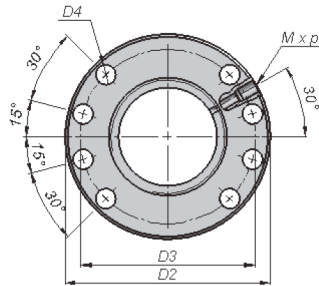
Coa:靜態負載

Nc:回轉圈數

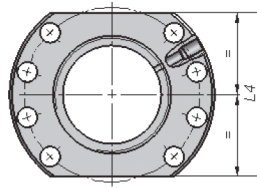




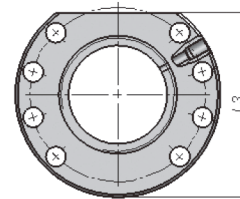
法蘭形式 A



法蘭形式 B

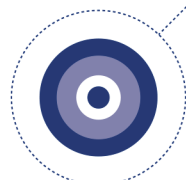


法蘭形式 C



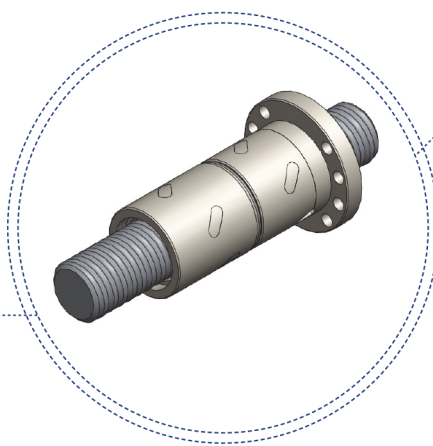
| D1g6 | D2   | D3  | D4  | 孔數 | MXP   | L1 | L2 | L3  | L4  | 代碼                 |
|------|------|-----|-----|----|-------|----|----|-----|-----|--------------------|
|      | ±0,1 | h13 | H13 |    |       |    | +2 | h13 | h13 |                    |
| 250  | 330  | 290 | 26  | 8  | M10x1 | 45 | 30 | 285 | 255 | SNF 200x20-13-4 -R |
| 250  | 330  | 290 | 26  | 8  | M10x1 | 45 | 30 | 285 | 255 | SNF 200x20-13-6 -R |
| 250  | 330  | 290 | 26  | 8  | M10x1 | 45 | 30 | 285 | 255 | SNF 200x25-13-4 -R |
| 250  | 330  | 290 | 26  | 8  | M10x1 | 45 | 30 | 285 | 255 | SNF 200x25-13-6 -R |
| 250  | 330  | 290 | 26  | 8  | M10x1 | 45 | 30 | 285 | 255 | SNF 200x25-16-4 -R |
| 250  | 330  | 290 | 26  | 8  | M10x1 | 45 | 30 | 285 | 255 | SNF 200x25-16-6 -R |
| 260  | 340  | 300 | 26  | 8  | M10x1 | 45 | 30 | 295 | 265 | SNF 200x25-20-4 -R |
| 260  | 340  | 300 | 26  | 8  | M10x1 | 45 | 30 | 295 | 265 | SNF 200x25-20-6 -R |
| 270  | 350  | 310 | 26  | 8  | M10x1 | 45 | 25 | 305 | 275 | SNF 220x20-13-4 -R |
| 270  | 350  | 310 | 26  | 8  | M10x1 | 45 | 25 | 305 | 275 | SNF 220x20-13-6 -R |
| 270  | 350  | 310 | 26  | 8  | M10x1 | 45 | 30 | 305 | 275 | SNF 220x25-13-4 -R |
| 270  | 350  | 310 | 26  | 8  | M10x1 | 45 | 30 | 305 | 275 | SNF 220x25-13-6 -R |
| 270  | 350  | 310 | 26  | 8  | M10x1 | 45 | 30 | 305 | 275 | SNF 220x25-16-4 -R |
| 270  | 350  | 310 | 26  | 8  | M10x1 | 45 | 30 | 305 | 275 | SNF 220x25-16-6 -R |
| 280  | 360  | 320 | 26  | 8  | M10x1 | 45 | 30 | 315 | 285 | SNF 220x25-20-4 -R |
| 280  | 360  | 320 | 26  | 8  | M10x1 | 45 | 30 | 315 | 285 | SNF 220x25-20-6 -R |
| 290  | 370  | 330 | 26  | 8  | M10x1 | 45 | 30 | 325 | 295 | SNF 240x20-13-4 -R |
| 290  | 370  | 330 | 26  | 8  | M10x1 | 45 | 30 | 325 | 295 | SNF 240x20-13-6 -R |
| 290  | 370  | 330 | 26  | 8  | M10x1 | 45 | 30 | 325 | 295 | SNF 240x25-13-4 -R |
| 290  | 370  | 330 | 26  | 8  | M10x1 | 45 | 30 | 325 | 295 | SNF 240x25-13-6 -R |
| 290  | 370  | 330 | 26  | 8  | M10x1 | 45 | 30 | 325 | 295 | SNF 240x25-16-4 -R |
| 290  | 370  | 330 | 26  | 8  | M10x1 | 45 | 30 | 325 | 295 | SNF 240x25-16-6 -R |
| 300  | 380  | 340 | 26  | 8  | M10x1 | 45 | 30 | 335 | 305 | SNF 240x25-20-4 -R |
| 300  | 380  | 340 | 26  | 8  | M10x1 | 45 | 30 | 335 | 305 | SNF 240x25-20-6 -R |
| 310  | 390  | 350 | 26  | 8  | M10x1 | 45 | 30 | 345 | 315 | SNF 260x20-13-4 -R |
| 310  | 390  | 350 | 26  | 8  | M10x1 | 45 | 30 | 345 | 315 | SNF 260x20-13-6 -R |
| 310  | 390  | 350 | 26  | 8  | M10x1 | 45 | 30 | 345 | 315 | SNF 260x25-13-4 -R |
| 310  | 390  | 350 | 26  | 8  | M10x1 | 45 | 30 | 345 | 315 | SNF 260x25-13-6 -R |
| 310  | 390  | 350 | 26  | 8  | M10x1 | 45 | 30 | 345 | 315 | SNF 260x25-16-4 -R |
| 310  | 390  | 350 | 26  | 8  | M10x1 | 45 | 30 | 345 | 315 | SNF 260x25-16-6 -R |
| 320  | 400  | 360 | 26  | 8  | M10x1 | 45 | 30 | 355 | 325 | SNF 260x25-20-4 -R |
| 320  | 400  | 360 | 26  | 8  | M10x1 | 45 | 30 | 355 | 325 | SNF 260x25-20-6 -R |
| 330  | 410  | 370 | 26  | 8  | M10x1 | 45 | 30 | 365 | 335 | SNF 280x20-13-4 -R |
| 330  | 410  | 370 | 26  | 8  | M10x1 | 45 | 30 | 365 | 335 | SNF 280x20-13-6 -R |
| 330  | 410  | 370 | 26  | 8  | M10x1 | 45 | 30 | 365 | 335 | SNF 280x25-13-4 -R |
| 330  | 410  | 370 | 26  | 8  | M10x1 | 45 | 30 | 365 | 335 | SNF 280x25-13-6 -R |
| 330  | 410  | 370 | 26  | 8  | M10x1 | 45 | 30 | 365 | 335 | SNF 280x25-16-4 -R |
| 330  | 410  | 370 | 26  | 8  | M10x1 | 45 | 30 | 365 | 335 | SNF 280x25-16-6 -R |
| 340  | 420  | 380 | 26  | 8  | M10x1 | 45 | 30 | 375 | 345 | SNF 280x25-20-4 -R |
| 340  | 420  | 380 | 26  | 8  | M10x1 | 45 | 30 | 375 | 345 | SNF 280x25-20-6 -R |
| 350  | 430  | 390 | 26  | 8  | M10x1 | 45 | 30 | 385 | 355 | SNF 300x20-13-4 -R |
| 350  | 430  | 390 | 26  | 8  | M10x1 | 45 | 30 | 385 | 355 | SNF 300x20-13-6 -R |
| 350  | 430  | 390 | 26  | 8  | M10x1 | 45 | 30 | 385 | 355 | SNF 300x25-13-4 -R |
| 350  | 430  | 390 | 26  | 8  | M10x1 | 45 | 30 | 385 | 355 | SNF 300x25-13-6 -R |
| 350  | 430  | 390 | 26  | 8  | M10x1 | 45 | 30 | 385 | 355 | SNF 300x25-16-4 -R |
| 350  | 430  | 390 | 26  | 8  | M10x1 | 45 | 30 | 385 | 355 | SNF 300x25-16-6 -R |
| 360  | 440  | 400 | 26  | 8  | M10x1 | 45 | 30 | 395 | 365 | SNF 300x25-20-4 -R |
| 360  | 440  | 400 | 26  | 8  | M10x1 | 45 | 30 | 395 | 365 | SNF 300x25-20-6 -R |

BSG - ZUAZO



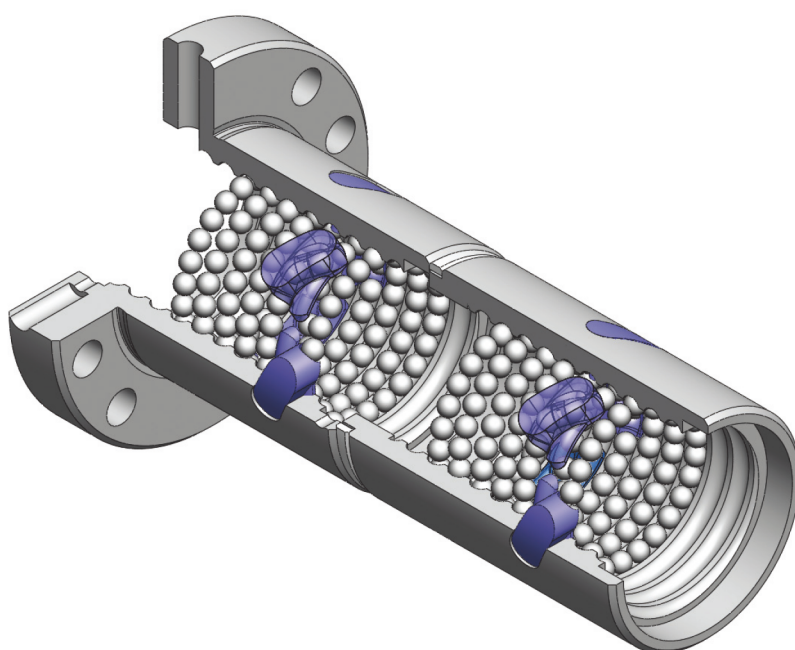
## 雙螺帽式 法蘭預壓

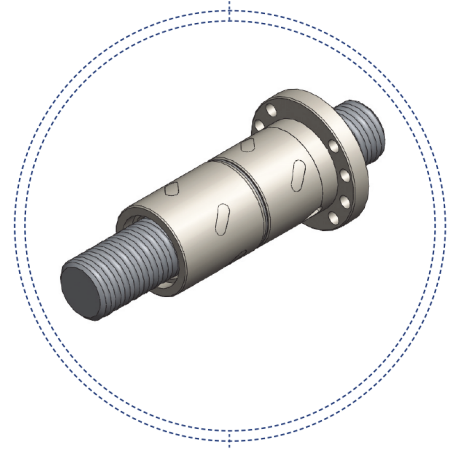
徑向迴珠器



DNF radial

bsg  
ZUAZO





## ◎ 特色 (FEATURES)

BSG單螺帽法蘭式配備徑向迴轉系列：為多用途提供解決方案，其滾珠四點接觸之設計提供了負載能力與導程及剛性與導程之高比率的使用需求，並有著簡易保養之特性。

## ◎ 產品生產範圍 (RANGE OF PRODUCTION)

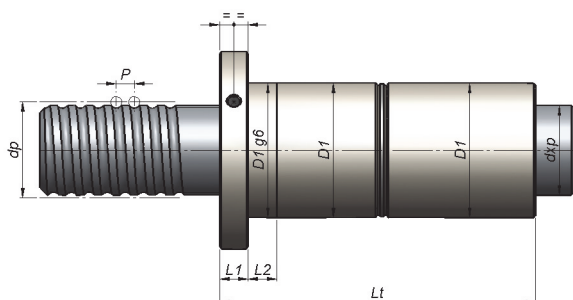
|    |     | 導程 |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |   |    |   |   |    |   |   |   |    |   |   |   |    |   |   |   |    |   |    |   |  |  |  |  |  |  |  |
|----|-----|----|---|---|---|---|---|---|---|---|---|----|---|---|----|---|---|----|---|---|----|---|---|---|----|---|---|----|---|---|---|----|---|---|---|----|---|---|---|----|---|----|---|--|--|--|--|--|--|--|
|    |     | 5  |   |   | 6 |   |   | 8 |   |   |   | 10 |   |   | 12 |   |   | 15 |   |   | 16 |   |   |   | 20 |   |   | 25 |   |   |   | 30 |   |   |   | 40 |   |   |   | 50 |   | 60 |   |  |  |  |  |  |  |  |
| nc |     | 2  | 4 | 5 | 2 | 4 | 5 | 2 | 3 | 4 | 5 | 6  | 3 | 5 | 6  | 3 | 5 | 6  | 3 | 4 | 5  | 6 | 3 | 4 | 5  | 6 | 3 | 4  | 5 | 6 | 2 | 3  | 4 | 5 | 6 | 3  | 4 | 5 | 6 | 2  | 3 | 2  | 3 |  |  |  |  |  |  |  |
| 直徑 | 20  | R  | R | R | R | R | R |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |   |    |   |   |    |   |   |   |    |   |   |   |    |   |   |   |    |   |    |   |  |  |  |  |  |  |  |
|    | 25  | R  | R | R | R | R | R | R |   | R | R |    | R | R | R  |   |   |    |   |   |    |   |   |   |    |   |   |    |   |   |   |    |   |   |   |    |   |   |   |    |   |    |   |  |  |  |  |  |  |  |
|    | 32  | R  | R | R | R | R | R | R |   | R | R |    | R | R | R  | R | R | R  |   |   |    |   |   |   |    |   |   |    |   |   |   |    |   |   |   |    |   |   |   |    |   |    |   |  |  |  |  |  |  |  |
|    | 40  | R  | R | R | R | R | R |   | R |   | R |    | R | R | R  | R | R |    |   |   | R  |   | R | R | R  |   | R | R  |   |   |   |    |   |   |   |    |   |   |   |    |   |    |   |  |  |  |  |  |  |  |
|    | 50  | R  | R | R | R | R | R | R |   | R | R |    | R | R | R  | R | R |    |   |   | R  |   | R | R | R  |   | R | R  |   |   |   |    |   |   |   |    |   |   |   |    |   |    |   |  |  |  |  |  |  |  |
|    | 63  | R  | R | R |   |   |   | R |   | R | R |    | R | R | R  | R | R | R  | R | R | R  |   | R | R | R  |   | R | R  |   |   |   |    |   |   |   |    |   |   |   |    |   |    |   |  |  |  |  |  |  |  |
|    | 80  |    |   |   |   |   |   |   |   |   |   |    | R | R | R  | R | R | R  | R | R | R  | R |   | R | R  | R |   | R  | R | R |   | R  | R |   |   |    |   |   |   |    |   |    |   |  |  |  |  |  |  |  |
|    | 100 |    |   |   |   |   |   |   |   |   |   |    | R | R | R  | R | R | R  |   |   |    |   | R |   | R  | R | R |    | R | R | R |    | R | R |   |    |   |   |   |    |   |    |   |  |  |  |  |  |  |  |
|    | 120 |    |   |   |   |   |   |   |   |   |   |    | R | R | R  | R | R | R  |   |   |    |   | R |   | R  | R | R |    | R | R | R |    | R | R |   |    |   |   |   |    |   |    |   |  |  |  |  |  |  |  |
|    | 125 |    |   |   |   |   |   |   |   |   |   |    | R | R | R  | R | R | R  |   |   |    |   | R |   | R  | R | R |    | R | R | R |    | R | R |   |    |   |   |   |    |   |    |   |  |  |  |  |  |  |  |
|    | 140 |    |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |   |    |   |   |    |   | R |   | R  |   | R |   | R  |   |   |   |    |   |    |   |  |  |  |  |  |  |  |
|    | 160 |    |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |   |    |   |   |    |   | R |   | R  |   | R |   | R  |   |   |   |    |   |    |   |  |  |  |  |  |  |  |
|    | 180 |    |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |   |    |   |   |    |   | R |   | R  |   | R |   | R  |   |   |   |    |   |    |   |  |  |  |  |  |  |  |
|    | 200 |    |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |   |    |   |   |    |   | R |   | R  |   | R |   | R  |   |   |   |    |   |    |   |  |  |  |  |  |  |  |
|    | 220 |    |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |   |    |   |   |    |   | R |   | R  |   | R |   | R  |   |   |   |    |   |    |   |  |  |  |  |  |  |  |
|    | 240 |    |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |   |    |   |   |    |   | R |   | R  |   | R |   | R  |   |   |   |    |   |    |   |  |  |  |  |  |  |  |
|    | 260 |    |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |   |    |   |   |    |   | R |   | R  |   | R |   | R  |   |   |   |    |   |    |   |  |  |  |  |  |  |  |
|    | 280 |    |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |   |    |   |   |    |   | R |   | R  |   | R |   | R  |   |   |   |    |   |    |   |  |  |  |  |  |  |  |
|    | 300 |    |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |   |    |   |   |    |   | R |   | R  |   | R |   | R  |   |   |   |    |   |    |   |  |  |  |  |  |  |  |

**R** 雙螺帽法蘭式(徑向迴珠器)

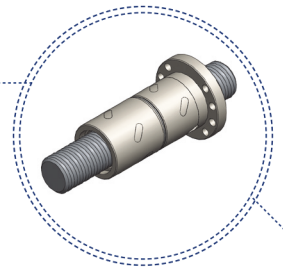


雙螺帽  
法蘭式

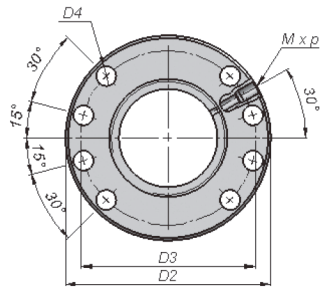
## 徑向迴珠器



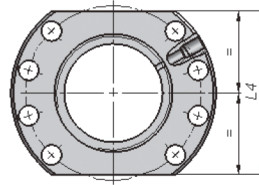
| 代碼                 | d  | p  | 滾珠直徑  | Nc | LT   | Coa     | Ca     |        |
|--------------------|----|----|-------|----|------|---------|--------|--------|
|                    |    |    |       |    | ±0,1 | N       | N      |        |
| DNF 020x05-04-2 -R | 20 | 5  | 3,969 | 2  | 75   | 17.158  | 11.258 |        |
| DNF 020x05-04-4 -R |    |    |       | 4  | 97   | 34.317  | 20.435 |        |
| DNF 020x05-04-5 -R |    |    |       | 5  | 107  | 42.896  | 24.758 |        |
| DNF 020x06-04-2 -R |    | 6  |       | 2  | 79   | 17.137  | 11.258 |        |
| DNF 020x06-04-4 -R |    |    |       | 4  | 104  | 34.275  | 20.435 |        |
| DNF 020x06-04-5 -R |    |    |       | 5  | 117  | 42.843  | 24.758 |        |
| DNF 025x05-04-2 -R | 25 | 5  | 3,969 | 2  | 75   | 22.781  | 13.033 |        |
| DNF 025x05-04-4 -R |    |    |       | 4  | 97   | 45.562  | 23.655 |        |
| DNF 025x05-04-5 -R |    |    |       | 5  | 107  | 56.952  | 28.659 |        |
| DNF 025x06-04-2 -R |    | 6  |       | 2  | 79   | 22.763  | 13.033 |        |
| DNF 025x06-04-4 -R |    |    |       | 4  | 104  | 45.525  | 23.655 |        |
| DNF 025x06-04-5 -R |    |    |       | 5  | 117  | 56.907  | 28.659 |        |
| DNF 025x08-05-2 -R |    | 8  | 4,762 | 2  | 92   | 25.341  | 15.877 |        |
| DNF 025x08-05-4 -R |    |    |       | 4  | 134  | 50.682  | 28.818 |        |
| DNF 025x08-05-5 -R |    |    |       | 5  | 150  | 63.353  | 34.914 |        |
| DNF 025x10-05-3 -R |    |    |       | 10 | 3    | 130     | 37.915 | 22.502 |
| DNF 025x10-05-5 -R |    |    |       |    | 5    | 170     | 63.192 | 34.914 |
| DNF 025x10-05-6 -R |    |    |       |    | 6    | 190     | 75.830 | 40.841 |
| DNF 032x05-04-2 -R | 32 | 5  | 3,969 | 2  | 65   | 31.227  | 15.195 |        |
| DNF 032x05-04-4 -R |    |    |       | 4  | 85   | 62.455  | 27.579 |        |
| DNF 032x05-04-5 -R |    |    |       | 5  | 105  | 78.068  | 33.414 |        |
| DNF 032x06-04-2 -R |    | 6  |       | 2  | 81   | 31.212  | 15.195 |        |
| DNF 032x06-04-4 -R |    |    |       | 4  | 106  | 62.423  | 27.579 |        |
| DNF 032x06-04-5 -R |    |    |       | 5  | 119  | 78.029  | 33.414 |        |
| DNF 032x08-06-2 -R |    | 8  | 6,35  | 2  | 106  | 43.182  | 25.928 |        |
| DNF 032x08-06-4 -R |    |    |       | 4  | 140  | 86.363  | 47.060 |        |
| DNF 032x08-06-5 -R |    |    |       | 5  | 157  | 107.954 | 57.015 |        |
| DNF 032x10-06-3 -R |    | 10 |       | 3  | 135  | 64.671  | 36.745 |        |
| DNF 032x10-06-5 -R |    |    |       | 5  | 176  | 107.786 | 57.015 |        |
| DNF 032x10-06-6 -R |    |    |       | 6  | 197  | 129.343 | 66.694 |        |
| DNF 032x12-06-3 -R |    | 12 |       | 3  | 154  | 64.549  | 36.745 |        |
| DNF 032x12-06-5 -R |    |    |       | 5  | 204  | 107.582 | 57.015 |        |
| DNF 032x12-06-6 -R |    |    |       | 6  | 228  | 129.098 | 66.694 |        |



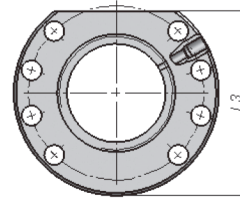
法蘭形式 A



法蘭形式 B



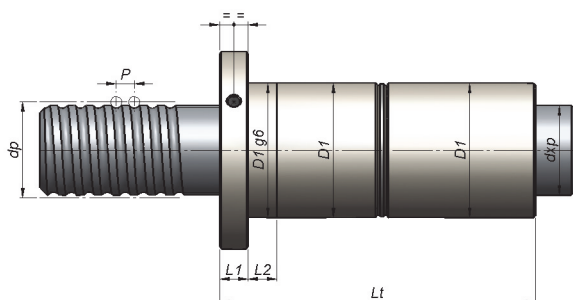
法蘭形式 C



| D1g6 | D2  | D3   | D4  | 孔數 | MXP  | L1 | L2 | L3  | L4  | 代碼                 |
|------|-----|------|-----|----|------|----|----|-----|-----|--------------------|
|      | h13 | ±0,1 | H13 |    |      |    | +2 | h13 | h13 |                    |
| 36   | 58  | 47   | 6,6 | 6  | M6x1 | 10 | 10 | 51  | 44  | DNF 020x05-04-2 -R |
| 36   | 58  | 47   | 6,6 | 6  | M6x1 | 10 | 10 | 51  | 44  | DNF 020x05-04-4 -R |
| 36   | 58  | 47   | 6,6 | 6  | M6x1 | 10 | 10 | 51  | 44  | DNF 020x05-04-5 -R |
| 36   | 58  | 47   | 6,6 | 6  | M6x1 | 10 | 10 | 51  | 44  | DNF 020x06-04-2 -R |
| 36   | 58  | 47   | 6,6 | 6  | M6x1 | 10 | 10 | 51  | 44  | DNF 020x06-04-4 -R |
| 36   | 58  | 47   | 6,6 | 6  | M6x1 | 10 | 10 | 51  | 44  | DNF 020x06-04-5 -R |
| 40   | 62  | 51   | 6,6 | 6  | M6x1 | 10 | 10 | 55  | 48  | DNF 025x05-04-2 -R |
| 40   | 62  | 51   | 6,6 | 6  | M6x1 | 10 | 10 | 55  | 48  | DNF 025x05-04-4 -R |
| 40   | 62  | 51   | 6,6 | 6  | M6x1 | 10 | 10 | 55  | 48  | DNF 025x05-04-5 -R |
| 40   | 62  | 51   | 6,6 | 6  | M6x1 | 10 | 10 | 55  | 48  | DNF 025x06-04-2 -R |
| 40   | 62  | 51   | 6,6 | 6  | M6x1 | 10 | 10 | 55  | 48  | DNF 025x06-04-4 -R |
| 40   | 62  | 51   | 6,6 | 6  | M6x1 | 10 | 10 | 55  | 48  | DNF 025x06-04-5 -R |
| 40   | 62  | 51   | 6,6 | 6  | M6x1 | 10 | 16 | 55  | 48  | DNF 025x08-05-2 -R |
| 40   | 62  | 51   | 6,6 | 6  | M6x1 | 10 | 16 | 55  | 48  | DNF 025x08-05-4 -R |
| 40   | 62  | 51   | 6,6 | 6  | M6x1 | 10 | 16 | 55  | 48  | DNF 025x08-05-5 -R |
| 40   | 62  | 51   | 6,6 | 6  | M6x1 | 10 | 16 | 55  | 48  | DNF 025x10-05-3 -R |
| 40   | 62  | 51   | 6,6 | 6  | M6x1 | 10 | 16 | 55  | 48  | DNF 025x10-05-5 -R |
| 40   | 62  | 51   | 6,6 | 6  | M6x1 | 10 | 16 | 55  | 48  | DNF 025x10-05-6 -R |
| 50   | 80  | 65   | 9   | 6  | M6x1 | 12 | 10 | 71  | 62  | DNF 032x05-04-2 -R |
| 50   | 80  | 65   | 9   | 6  | M6x1 | 12 | 10 | 71  | 62  | DNF 032x05-04-4 -R |
| 50   | 80  | 65   | 9   | 6  | M6x1 | 12 | 10 | 71  | 62  | DNF 032x05-04-5 -R |
| 50   | 80  | 65   | 9   | 6  | M6x1 | 12 | 10 | 71  | 62  | DNF 032x06-04-2 -R |
| 50   | 80  | 65   | 9   | 6  | M6x1 | 12 | 10 | 71  | 62  | DNF 032x06-04-4 -R |
| 50   | 80  | 65   | 9   | 6  | M6x1 | 12 | 10 | 71  | 62  | DNF 032x06-04-5 -R |
| 50   | 80  | 65   | 9   | 6  | M6x1 | 12 | 16 | 71  | 62  | DNF 032x08-06-2 -R |
| 50   | 80  | 65   | 9   | 6  | M6x1 | 12 | 16 | 71  | 62  | DNF 032x08-06-4 -R |
| 50   | 80  | 65   | 9   | 6  | M6x1 | 12 | 16 | 71  | 62  | DNF 032x08-06-5 -R |
| 50   | 80  | 65   | 9   | 6  | M6x1 | 12 | 16 | 71  | 62  | DNF 032x10-06-3 -R |
| 50   | 80  | 65   | 9   | 6  | M6x1 | 12 | 16 | 71  | 62  | DNF 032x10-06-5 -R |
| 50   | 80  | 65   | 9   | 6  | M6x1 | 12 | 16 | 71  | 62  | DNF 032x10-06-6 -R |
| 50   | 80  | 65   | 9   | 6  | M6x1 | 12 | 16 | 71  | 62  | DNF 032x12-06-3 -R |
| 50   | 80  | 65   | 9   | 6  | M6x1 | 12 | 16 | 71  | 62  | DNF 032x12-06-5 -R |
| 50   | 80  | 65   | 9   | 6  | M6x1 | 12 | 16 | 71  | 62  | DNF 032x12-06-6 -R |

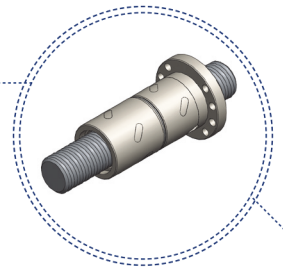
雙螺帽  
法蘭式

## 徑向迴珠器

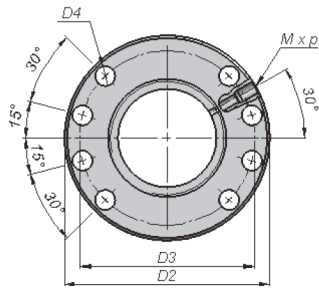


| 代碼                 | d  | p  | 滾珠直徑  | Nc    | LT   | Coa     | Ca      |        |
|--------------------|----|----|-------|-------|------|---------|---------|--------|
|                    |    |    |       |       | ±0,1 | N       | N       |        |
| DNF 040x05-04-2 -R | 40 | 5  | 3,969 | 2     | 80   | 39.739  | 16.851  |        |
| DNF 040x05-04-4 -R |    |    |       | 4     | 100  | 79.478  | 30.585  |        |
| DNF 040x05-04-5 -R |    |    |       | 5     | 110  | 99.347  | 37.055  |        |
| DNF 040x06-04-2 -R |    | 6  |       | 2     | 83   | 39.726  | 16.851  |        |
| DNF 040x06-04-4 -R |    |    |       | 4     | 108  | 79.452  | 30.585  |        |
| DNF 040x06-04-5 -R |    |    |       | 5     | 121  | 99.315  | 37.055  |        |
| DNF 040x08-06-3 -R |    | 8  | 6,35  | 3     | 126  | 85.996  | 42.498  |        |
| DNF 040x08-06-5 -R |    |    |       | 5     | 159  | 143.327 | 65.941  |        |
| DNF 040x08-06-6 -R |    |    |       | 6     | 175  | 171.992 | 77.135  |        |
| DNF 040x10-06-3 -R |    | 10 |       | 3     | 137  | 85.908  | 42.498  |        |
| DNF 040x10-06-5 -R |    |    |       | 5     | 178  | 143.180 | 65.941  |        |
| DNF 040x10-06-6 -R |    |    |       | 6     | 199  | 171.816 | 77.135  |        |
| DNF 040x12-06-3 -R |    | 12 | 7,938 | 3     | 156  | 85.801  | 42.498  |        |
| DNF 040x12-06-5 -R |    |    |       | 5     | 206  | 143.001 | 65.941  |        |
| DNF 040x12-06-6 -R |    |    |       | 6     | 230  | 171.601 | 77.135  |        |
| DNF 040x16-08-3 -R |    | 16 |       | 3     | 208  | 97.826  | 54.287  |        |
| DNF 040x16-08-5 -R |    |    |       | 5     | 274  | 163.043 | 84.234  |        |
| DNF 040x16-08-6 -R |    |    |       | 6     | 307  | 195.652 | 98.533  |        |
| DNF 040x20-08-3 -R |    | 20 | 9,525 | 3     | 227  | 105.560 | 57.263  |        |
| DNF 040x20-08-5 -R |    |    |       | 5     | 309  | 175.934 | 88.851  |        |
| DNF 040x20-08-6 -R |    |    |       | 6     | 350  | 211.121 | 103.934 |        |
| DNF 050x05-04-2 -R | 50 | 5  |       | 3,969 | 2    | 80      | 51.074  | 18.741 |
| DNF 050x05-04-4 -R |    |    |       |       | 4    | 100     | 102.147 | 34.015 |
| DNF 050x05-04-5 -R |    |    |       |       | 5    | 110     | 127.684 | 41.211 |
| DNF 050x06-04-2 -R |    | 6  | 2     |       | 85   | 51.063  | 18.741  |        |
| DNF 050x06-04-4 -R |    |    | 4     |       | 110  | 102.125 | 34.015  |        |
| DNF 050x06-04-5 -R |    |    | 5     |       | 123  | 127.657 | 41.211  |        |
| DNF 050x08-06-2 -R |    | 8  | 6,35  | 2     | 110  | 75.085  | 34.094  |        |
| DNF 050x08-06-4 -R |    |    |       | 4     | 144  | 150.171 | 61.882  |        |
| DNF 050x08-06-5 -R |    |    |       | 5     | 161  | 187.713 | 74.973  |        |
| DNF 050x10-06-3 -R |    | 10 |       | 3     | 140  | 112.553 | 48.319  |        |
| DNF 050x10-06-5 -R |    |    |       | 5     | 180  | 187.588 | 74.973  |        |
| DNF 050x10-06-6 -R |    |    |       | 6     | 200  | 225.105 | 87.700  |        |
| DNF 050x12-08-3 -R |    | 12 | 7,938 | 3     | 165  | 132.895 | 63.592  |        |
| DNF 050x12-08-5 -R |    |    |       | 5     | 215  | 221.491 | 98.672  |        |
| DNF 050x12-08-6 -R |    |    |       | 6     | 251  | 265.790 | 115.422 |        |
| DNF 050x16-10-3 -R |    | 16 |       | 3     | 215  | 155.307 | 79.909  |        |
| DNF 050x16-10-5 -R |    |    |       | 5     | 281  | 258.845 | 123.989 |        |
| DNF 050x16-10-6 -R |    |    |       | 6     | 313  | 310.615 | 145.037 |        |
| DNF 050x20-10-3 -R |    | 20 | 9,525 | 3     | 180  | 154.911 | 79.909  |        |
| DNF 050x20-10-5 -R |    |    |       | 5     | 260  | 258.184 | 123.989 |        |
| DNF 050x20-10-6 -R |    |    |       | 6     | 300  | 309.821 | 145.037 |        |

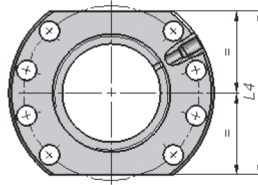




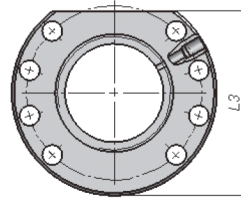
法蘭形式 A



法蘭形式 B



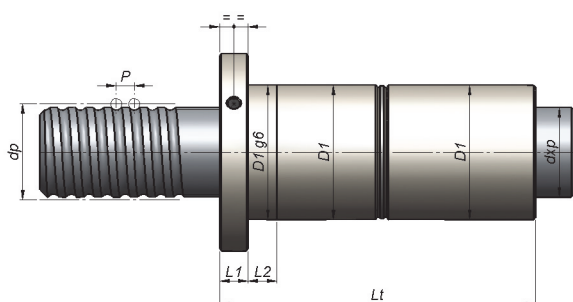
法蘭形式 C



| D1g6 | D2  | D3   | D4  | 孔數 | MXP  | L1 | L2 | L3    | L4  | 代碼                 |
|------|-----|------|-----|----|------|----|----|-------|-----|--------------------|
|      | h13 | ±0,1 | H13 |    |      |    | +2 | h13   | h13 |                    |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 14 | 10 | 81,5  | 70  | DNF 040x05-04-2 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 14 | 10 | 81,5  | 70  | DNF 040x05-04-4 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 14 | 10 | 81,5  | 70  | DNF 040x05-04-5 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 14 | 10 | 81,5  | 70  | DNF 040x06-04-2 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 14 | 10 | 81,5  | 70  | DNF 040x06-04-4 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 14 | 10 | 81,5  | 70  | DNF 040x06-04-5 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 14 | 16 | 81,5  | 70  | DNF 040x08-06-3 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 14 | 16 | 81,5  | 70  | DNF 040x08-06-5 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 14 | 16 | 81,5  | 70  | DNF 040x08-06-6 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 14 | 16 | 81,5  | 70  | DNF 040x10-06-3 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 14 | 16 | 81,5  | 70  | DNF 040x10-06-5 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 14 | 16 | 81,5  | 70  | DNF 040x10-06-6 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 14 | 16 | 81,5  | 70  | DNF 040x12-06-3 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 14 | 16 | 81,5  | 70  | DNF 040x12-06-5 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 14 | 16 | 81,5  | 70  | DNF 040x12-06-6 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 20 | 25 | 81,5  | 70  | DNF 040x16-08-3 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 20 | 25 | 81,5  | 70  | DNF 040x16-08-5 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 20 | 25 | 81,5  | 70  | DNF 040x16-08-6 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 20 | 25 | 81,5  | 70  | DNF 040x20-08-3 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 20 | 25 | 81,5  | 70  | DNF 040x20-08-5 -R |
| 63   | 93  | 78   | 9   | 8  | M8x1 | 20 | 25 | 81,5  | 70  | DNF 040x20-08-6 -R |
| 75   | 110 | 93   | 11  | 8  | M8x1 | 16 | 10 | 97,5  | 85  | DNF 050x05-04-2 -R |
| 75   | 110 | 93   | 11  | 8  | M8x1 | 16 | 10 | 97,5  | 85  | DNF 050x05-04-4 -R |
| 75   | 110 | 93   | 11  | 8  | M8x1 | 16 | 10 | 97,5  | 85  | DNF 050x05-04-5 -R |
| 75   | 110 | 93   | 11  | 8  | M8x1 | 16 | 10 | 97,5  | 85  | DNF 050x06-04-2 -R |
| 75   | 110 | 93   | 11  | 8  | M8x1 | 16 | 10 | 97,5  | 85  | DNF 050x06-04-4 -R |
| 75   | 110 | 93   | 11  | 8  | M8x1 | 16 | 10 | 97,5  | 85  | DNF 050x06-04-5 -R |
| 75   | 110 | 93   | 11  | 8  | M8x1 | 16 | 16 | 97,5  | 85  | DNF 050x08-06-2 -R |
| 75   | 110 | 93   | 11  | 8  | M8x1 | 16 | 16 | 97,5  | 85  | DNF 050x08-06-4 -R |
| 75   | 110 | 93   | 11  | 8  | M8x1 | 16 | 16 | 97,5  | 85  | DNF 050x08-06-5 -R |
| 75   | 110 | 93   | 11  | 8  | M8x1 | 16 | 16 | 97,5  | 85  | DNF 050x10-06-3 -R |
| 75   | 110 | 93   | 11  | 8  | M8x1 | 16 | 16 | 97,5  | 85  | DNF 050x10-06-5 -R |
| 75   | 110 | 93   | 11  | 8  | M8x1 | 16 | 16 | 97,5  | 85  | DNF 050x10-06-6 -R |
| 75   | 110 | 93   | 11  | 8  | M8x1 | 16 | 16 | 97,5  | 85  | DNF 050x12-08-3 -R |
| 75   | 110 | 93   | 11  | 8  | M8x1 | 16 | 16 | 97,5  | 85  | DNF 050x12-08-5 -R |
| 75   | 110 | 93   | 11  | 8  | M8x1 | 16 | 16 | 97,5  | 85  | DNF 050x12-08-6 -R |
| 85   | 120 | 103  | 11  | 8  | M8x1 | 20 | 25 | 107,5 | 95  | DNF 050x16-10-3 -R |
| 85   | 120 | 103  | 11  | 8  | M8x1 | 20 | 25 | 107,5 | 95  | DNF 050x16-10-5 -R |
| 85   | 120 | 103  | 11  | 8  | M8x1 | 20 | 25 | 107,5 | 95  | DNF 050x16-10-6 -R |
| 85   | 120 | 103  | 11  | 8  | M8x1 | 20 | 25 | 107,5 | 95  | DNF 050x20-10-3 -R |
| 85   | 120 | 103  | 11  | 8  | M8x1 | 20 | 25 | 107,5 | 95  | DNF 050x20-10-5 -R |
| 85   | 120 | 103  | 11  | 8  | M8x1 | 20 | 25 | 107,5 | 95  | DNF 050x20-10-6 -R |

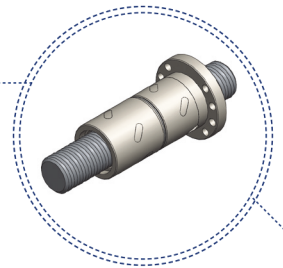
雙螺帽  
法蘭式

## 徑向迴珠器

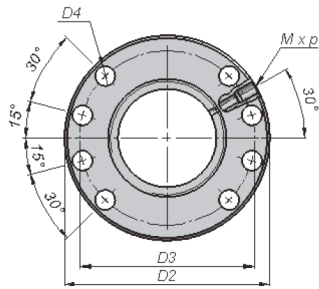


| 代碼                 | d  | P  | 滾珠直徑   | Nc | LT   | Coa     | Ca      |
|--------------------|----|----|--------|----|------|---------|---------|
|                    |    |    |        |    | ±0,1 | N       | N       |
| DNF 063x05-04-2 -R | 63 | 5  | 3,969  | 2  | 80   | 65.267  | 20.666  |
| DNF 063x05-04-4 -R |    |    |        | 4  | 100  | 130.534 | 37.509  |
| DNF 063x05-04-5 -R |    |    |        | 5  | 110  | 163.168 | 45.444  |
| DNF 063x08-06-2 -R |    | 8  | 6,35   | 2  | 112  | 99.947  | 38.884  |
| DNF 063x08-06-4 -R |    |    |        | 4  | 144  | 199.893 | 70.577  |
| DNF 063x08-06-5 -R |    |    |        | 5  | 160  | 249.867 | 85.508  |
| DNF 063x10-06-3 -R |    | 10 | 6,35   | 3  | 140  | 149.856 | 55.108  |
| DNF 063x10-06-5 -R |    |    |        | 5  | 180  | 249.759 | 85.508  |
| DNF 063x10-06-6 -R |    |    |        | 6  | 200  | 299.711 | 100.023 |
| DNF 063x12-06-3 -R |    | 12 | 6,35   | 3  | 160  | 149.777 | 55.108  |
| DNF 063x12-06-5 -R |    |    |        | 5  | 210  | 249.628 | 85.508  |
| DNF 063x12-06-6 -R |    |    |        | 6  | 234  | 299.554 | 100.023 |
| DNF 063x15-10-3 -R |    | 15 | 9,525  | 3  | 203  | 206.882 | 92.064  |
| DNF 063x15-10-5 -R |    |    |        | 5  | 265  | 343.971 | 142.850 |
| DNF 063x15-10-6 -R |    |    |        | 6  | 296  | 412.765 | 167.100 |
| DNF 063x16-10-3 -R |    | 16 | 9,525  | 3  | 215  | 206.309 | 92.064  |
| DNF 063x16-10-5 -R |    |    |        | 5  | 281  | 343.848 | 142.850 |
| DNF 063x16-10-6 -R |    |    |        | 6  | 313  | 412.617 | 167.100 |
| DNF 063x20-10-3 -R |    | 20 | 12,7   | 3  | 233  | 205.967 | 92.064  |
| DNF 063x20-10-5 -R |    |    |        | 5  | 336  | 343.278 | 142.850 |
| DNF 063x20-10-6 -R |    |    |        | 6  | 377  | 411.934 | 167.100 |
| DNF 063x20-13-3 -R |    | 20 | 12,7   | 3  | 264  | 254.155 | 128.229 |
| DNF 063x20-13-5 -R |    |    |        | 5  | 346  | 423.591 | 198.965 |
| DNF 063x20-13-6 -R |    |    |        | 6  | 387  | 508.309 | 232.741 |
| DNF 080x10-06-3 -R | 80 | 10 | 6,35   | 3  | 145  | 192.741 | 61.045  |
| DNF 080x10-06-5 -R |    |    |        | 5  | 185  | 321.235 | 94.720  |
| DNF 080x10-06-6 -R |    |    |        | 6  | 205  | 385.482 | 110.799 |
| DNF 080x12-06-3 -R |    | 12 | 6,35   | 3  | 162  | 192.678 | 61.045  |
| DNF 080x12-06-5 -R |    |    |        | 5  | 212  | 321.129 | 94.720  |
| DNF 080x12-06-6 -R |    |    |        | 6  | 236  | 385.355 | 110.799 |
| DNF 080x15-06-3 -R |    | 15 | 9,525  | 3  | 176  | 192.561 | 61.045  |
| DNF 080x15-06-5 -R |    |    |        | 5  | 238  | 320.934 | 94.720  |
| DNF 080x15-06-6 -R |    |    |        | 6  | 269  | 385.121 | 110.799 |
| DNF 080x16-10-3 -R |    | 16 | 9,525  | 3  | 220  | 282.651 | 107.233 |
| DNF 080x16-10-5 -R |    |    |        | 5  | 286  | 471.084 | 166.387 |
| DNF 080x16-10-6 -R |    |    |        | 6  | 318  | 565.301 | 194.632 |
| DNF 080x20-10-3 -R |    | 20 | 12,7   | 3  | 240  | 282.354 | 107.233 |
| DNF 080x20-10-5 -R |    |    |        | 5  | 320  | 470.589 | 166.387 |
| DNF 080x20-10-6 -R |    |    |        | 6  | 360  | 564.707 | 194.632 |
| DNF 080x20-13-3 -R |    | 20 | 12,7   | 3  | 170  | 344.683 | 149.889 |
| DNF 080x20-13-5 -R |    |    |        | 5  | 250  | 574.472 | 232.573 |
| DNF 080x20-13-6 -R |    |    |        | 6  | 390  | 689.367 | 272.054 |
| DNF 080x25-10-3 -R |    | 25 | 9,525  | 3  | 282  | 281.891 | 107.233 |
| DNF 080x25-10-5 -R |    |    |        | 5  | 382  | 469.819 | 166.387 |
| DNF 080x25-10-6 -R |    |    |        | 6  | 432  | 563.783 | 194.632 |
| DNF 080x25-13-3 -R |    | 25 | 12,7   | 3  | 292  | 344.132 | 149.889 |
| DNF 080x25-13-5 -R |    |    |        | 5  | 392  | 573.554 | 232.573 |
| DNF 080x25-13-6 -R |    |    |        | 6  | 442  | 688.265 | 272.054 |
| DNF 080x25-16-3 -R |    | 25 | 15,875 | 3  | 323  | 430.448 | 201.650 |
| DNF 080x25-16-5 -R |    |    |        | 5  | 423  | 717.414 | 312.887 |
| DNF 080x25-16-6 -R |    |    |        | 6  | 473  | 860.897 | 366.002 |

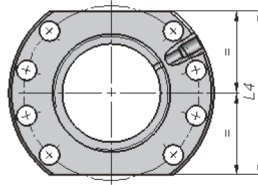
Ca:動態負載 Coa:靜態負載 Nc:回轉圈數



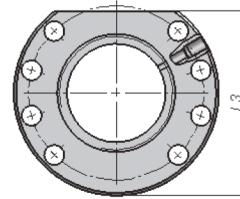
法蘭形式 A



法蘭形式 B



法蘭形式 C

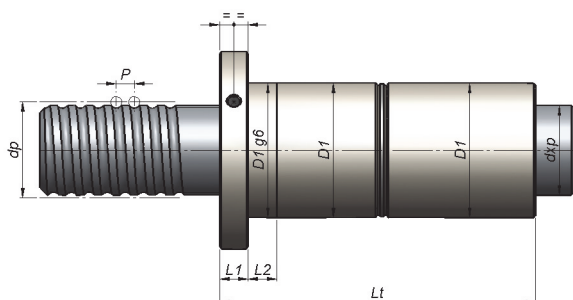


| D1g6 | D2  | D3    | D4   | 孔數 | MXP  | L1 | L2 | L3    | L4  | 代碼                 |
|------|-----|-------|------|----|------|----|----|-------|-----|--------------------|
|      | h13 | ±0,1  | H13  |    |      |    | +2 | h13   | h13 |                    |
| 90   | 123 | 106,5 | 11   | 8  | M8x1 | 18 | 10 | 109   | 95  | DNF 063x05-04-2 -R |
| 90   | 123 | 106,5 | 11   | 8  | M8x1 | 18 | 10 | 109   | 95  | DNF 063x05-04-4 -R |
| 90   | 123 | 106,5 | 11   | 8  | M8x1 | 18 | 10 | 109   | 95  | DNF 063x05-04-5 -R |
| 90   | 125 | 108   | 11   | 8  | M8x1 | 18 | 16 | 110   | 95  | DNF 063x08-06-2 -R |
| 90   | 125 | 108   | 11   | 8  | M8x1 | 18 | 16 | 110   | 95  | DNF 063x08-06-4 -R |
| 90   | 125 | 108   | 11   | 8  | M8x1 | 18 | 16 | 110   | 95  | DNF 063x08-06-5 -R |
| 90   | 125 | 108   | 11   | 8  | M8x1 | 18 | 16 | 110   | 95  | DNF 063x10-06-3 -R |
| 90   | 125 | 108   | 11   | 8  | M8x1 | 18 | 16 | 110   | 95  | DNF 063x10-06-5 -R |
| 90   | 125 | 108   | 11   | 8  | M8x1 | 18 | 16 | 110   | 95  | DNF 063x10-06-6 -R |
| 90   | 125 | 108   | 11   | 8  | M8x1 | 18 | 16 | 110   | 95  | DNF 063x12-06-3 -R |
| 90   | 125 | 108   | 11   | 8  | M8x1 | 18 | 16 | 110   | 95  | DNF 063x12-06-5 -R |
| 90   | 125 | 108   | 11   | 8  | M8x1 | 18 | 16 | 110   | 95  | DNF 063x12-06-6 -R |
| 95   | 128 | 111,5 | 11   | 8  | M8x1 | 18 | 16 | 114   | 100 | DNF 063x15-10-3 -R |
| 95   | 128 | 111,5 | 11   | 8  | M8x1 | 18 | 16 | 114   | 100 | DNF 063x15-10-5 -R |
| 95   | 128 | 111,5 | 11   | 8  | M8x1 | 18 | 16 | 114   | 100 | DNF 063x15-10-6 -R |
| 95   | 128 | 111,5 | 11   | 8  | M8x1 | 20 | 25 | 114   | 100 | DNF 063x16-10-3 -R |
| 95   | 128 | 111,5 | 11   | 8  | M8x1 | 20 | 25 | 114   | 100 | DNF 063x16-10-5 -R |
| 95   | 128 | 111,5 | 11   | 8  | M8x1 | 20 | 25 | 114   | 100 | DNF 063x16-10-6 -R |
| 95   | 135 | 115   | 13,5 | 8  | M8x1 | 20 | 25 | 117,5 | 100 | DNF 063x20-10-3 -R |
| 95   | 135 | 115   | 13,5 | 8  | M8x1 | 20 | 25 | 117,5 | 100 | DNF 063x20-10-5 -R |
| 95   | 135 | 115   | 13,5 | 8  | M8x1 | 20 | 25 | 117,5 | 100 | DNF 063x20-10-6 -R |
| 105  | 145 | 125   | 13,5 | 8  | M8x1 | 20 | 25 | 127,5 | 110 | DNF 063x20-13-3 -R |
| 105  | 145 | 125   | 13,5 | 8  | M8x1 | 20 | 25 | 127,5 | 110 | DNF 063x20-13-5 -R |
| 105  | 145 | 125   | 13,5 | 8  | M8x1 | 20 | 25 | 127,5 | 110 | DNF 063x20-13-6 -R |
| 105  | 145 | 125   | 13,5 | 8  | M8x1 | 20 | 16 | 127,5 | 110 | DNF 080x10-06-3 -R |
| 105  | 145 | 125   | 13,5 | 8  | M8x1 | 20 | 16 | 127,5 | 110 | DNF 080x10-06-5 -R |
| 105  | 145 | 125   | 13,5 | 8  | M8x1 | 20 | 16 | 127,5 | 110 | DNF 080x10-06-6 -R |
| 105  | 145 | 125   | 13,5 | 8  | M8x1 | 20 | 16 | 127,5 | 110 | DNF 080x12-06-3 -R |
| 105  | 145 | 125   | 13,5 | 8  | M8x1 | 20 | 16 | 127,5 | 110 | DNF 080x12-06-5 -R |
| 105  | 145 | 125   | 13,5 | 8  | M8x1 | 20 | 16 | 127,5 | 110 | DNF 080x12-06-6 -R |
| 105  | 145 | 125   | 13,5 | 8  | M8x1 | 20 | 16 | 127,5 | 110 | DNF 080x15-06-3 -R |
| 105  | 145 | 125   | 13,5 | 8  | M8x1 | 20 | 16 | 127,5 | 110 | DNF 080x15-06-5 -R |
| 105  | 145 | 125   | 13,5 | 8  | M8x1 | 20 | 16 | 127,5 | 110 | DNF 080x15-06-6 -R |
| 125  | 165 | 145   | 13,5 | 8  | M8x1 | 25 | 25 | 147,5 | 130 | DNF 080x16-10-3 -R |
| 125  | 165 | 145   | 13,5 | 8  | M8x1 | 25 | 25 | 147,5 | 130 | DNF 080x16-10-5 -R |
| 125  | 165 | 145   | 13,5 | 8  | M8x1 | 25 | 25 | 147,5 | 130 | DNF 080x16-10-6 -R |
| 125  | 165 | 145   | 13,5 | 8  | M8x1 | 25 | 25 | 147,5 | 130 | DNF 080x20-10-3 -R |
| 125  | 165 | 145   | 13,5 | 8  | M8x1 | 25 | 25 | 147,5 | 130 | DNF 080x20-10-5 -R |
| 125  | 165 | 145   | 13,5 | 8  | M8x1 | 25 | 25 | 147,5 | 130 | DNF 080x20-10-6 -R |
| 125  | 165 | 145   | 13,5 | 8  | M8x1 | 25 | 25 | 147,5 | 130 | DNF 080x20-13-3 -R |
| 125  | 165 | 145   | 13,5 | 8  | M8x1 | 25 | 25 | 147,5 | 130 | DNF 080x20-13-5 -R |
| 125  | 165 | 145   | 13,5 | 8  | M8x1 | 25 | 25 | 147,5 | 130 | DNF 080x20-13-6 -R |
| 125  | 165 | 145   | 13,5 | 8  | M8x1 | 25 | 30 | 147,5 | 130 | DNF 080x25-10-3 -R |
| 125  | 165 | 145   | 13,5 | 8  | M8x1 | 25 | 30 | 147,5 | 130 | DNF 080x25-10-5 -R |
| 125  | 165 | 145   | 13,5 | 8  | M8x1 | 25 | 30 | 147,5 | 130 | DNF 080x25-10-6 -R |
| 125  | 165 | 145   | 13,5 | 8  | M8x1 | 25 | 30 | 147,5 | 130 | DNF 080x25-13-3 -R |
| 125  | 165 | 145   | 13,5 | 8  | M8x1 | 25 | 30 | 147,5 | 130 | DNF 080x25-13-5 -R |
| 125  | 165 | 145   | 13,5 | 8  | M8x1 | 25 | 30 | 147,5 | 130 | DNF 080x25-13-6 -R |
| 130  | 170 | 150   | 13,5 | 8  | M8x1 | 25 | 30 | 152,5 | 135 | DNF 080x25-16-3 -R |
| 130  | 170 | 150   | 13,5 | 8  | M8x1 | 25 | 30 | 152,5 | 135 | DNF 080x25-16-5 -R |
| 130  | 170 | 150   | 13,5 | 8  | M8x1 | 25 | 30 | 152,5 | 135 | DNF 080x25-16-6 -R |



雙螺帽  
法蘭式

## 徑向迴珠器

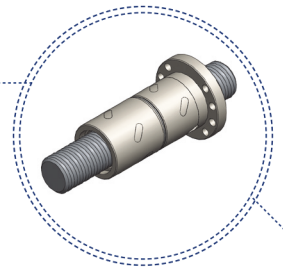


| 代碼                 | d   | p    | 滾珠直徑   | Nc | LT   | Coa       | Ca      |  |
|--------------------|-----|------|--------|----|------|-----------|---------|--|
|                    |     |      |        |    | ±0,1 | N         | N       |  |
| DNF 100x10-06-3 -R | 100 | 10   | 6,35   | 3  | 145  | 246.282   | 67.454  |  |
| DNF 100x10-06-5 -R |     |      |        | 5  | 186  | 410.470   | 104.664 |  |
| DNF 100x10-06-6 -R |     |      |        | 6  | 207  | 492.564   | 122.432 |  |
| DNF 100x12-06-3 -R |     | 12   |        | 3  | 164  | 246.230   | 67.454  |  |
| DNF 100x12-06-5 -R |     |      |        | 5  | 214  | 410.383   | 104.664 |  |
| DNF 100x12-06-6 -R |     |      |        | 6  | 238  | 492.459   | 122.432 |  |
| DNF 100x16-10-3 -R |     | 16   | 9,525  | 3  | 225  | 372.059   | 121.460 |  |
| DNF 100x16-10-5 -R |     |      |        | 5  | 291  | 620.098   | 188.462 |  |
| DNF 100x16-10-6 -R |     |      |        | 6  | 323  | 744.118   | 220.455 |  |
| DNF 100x20-10-3 -R |     | 20   |        | 3  | 243  | 371.805   | 121.460 |  |
| DNF 100x20-10-5 -R |     |      |        | 5  | 326  | 619.674   | 188.462 |  |
| DNF 100x20-10-6 -R |     |      |        | 6  | 387  | 743.609   | 220.455 |  |
| DNF 100x20-13-3 -R |     | 12,7 | 12,7   | 3  | 270  | 458.016   | 171.983 |  |
| DNF 100x20-13-5 -R |     |      |        | 5  | 350  | 763.360   | 266.855 |  |
| DNF 100x20-13-6 -R |     |      |        | 6  | 390  | 916.032   | 312.155 |  |
| DNF 100x25-10-3 -R |     | 25   | 9,525  | 3  | 287  | 371.408   | 121.460 |  |
| DNF 100x25-10-5 -R |     |      |        | 5  | 390  | 619.013   | 188.462 |  |
| DNF 100x25-10-6 -R |     |      |        | 6  | 441  | 742.816   | 220.455 |  |
| DNF 100x25-13-3 -R |     |      | 12,7   | 3  | 297  | 457.537   | 171.983 |  |
| DNF 100x25-13-5 -R |     |      |        | 5  | 425  | 762.561   | 266.855 |  |
| DNF 100x25-13-6 -R |     |      |        | 6  | 476  | 915.074   | 312.155 |  |
| DNF 100x25-16-3 -R |     |      | 15,875 | 3  | 328  | 571.828   | 233.116 |  |
| DNF 100x25-16-5 -R |     |      |        | 5  | 431  | 953.047   | 361.711 |  |
| DNF 100x25-16-6 -R |     |      |        | 6  | 482  | 1.143.656 | 423.115 |  |
| DNF 120x10-06-3 -R | 120 | 10   | 6,35   | 3  | 145  | 299.850   | 72.935  |  |
| DNF 120x10-06-5 -R |     |      |        | 5  | 186  | 499.749   | 113.169 |  |
| DNF 120x10-06-6 -R |     |      |        | 6  | 207  | 599.699   | 132.380 |  |
| DNF 120x12-06-3 -R |     | 12   |        | 3  | 164  | 299.805   | 72.935  |  |
| DNF 120x12-06-5 -R |     |      |        | 5  | 214  | 499.675   | 113.169 |  |
| DNF 120x12-06-6 -R |     |      |        | 6  | 238  | 599.610   | 132.380 |  |
| DNF 120x16-10-3 -R |     | 16   | 9,525  | 3  | 225  | 449.162   | 130.943 |  |
| DNF 120x16-10-5 -R |     |      |        | 5  | 291  | 748.603   | 203.175 |  |
| DNF 120x16-10-6 -R |     |      |        | 6  | 323  | 898.324   | 237.666 |  |
| DNF 120x20-10-3 -R |     | 20   |        | 3  | 243  | 448.946   | 130.943 |  |
| DNF 120x20-10-5 -R |     |      |        | 5  | 346  | 748.244   | 203.175 |  |
| DNF 120x20-10-6 -R |     |      |        | 6  | 387  | 897.892   | 237.666 |  |
| DNF 120x20-13-3 -R |     | 12,7 | 12,7   | 3  | 274  | 571.681   | 190.295 |  |
| DNF 120x20-13-5 -R |     |      |        | 5  | 356  | 952.801   | 295.268 |  |
| DNF 120x20-13-6 -R |     |      |        | 6  | 397  | 1.143.362 | 345.392 |  |
| DNF 120x25-10-3 -R |     | 25   | 9,525  | 3  | 287  | 448.610   | 130.943 |  |
| DNF 120x25-10-5 -R |     |      |        | 5  | 390  | 747.683   | 203.175 |  |
| DNF 120x25-10-6 -R |     |      |        | 6  | 441  | 897.219   | 237.666 |  |
| DNF 120x25-13-3 -R |     |      | 12,7   | 3  | 297  | 571.259   | 190.295 |  |
| DNF 120x25-13-5 -R |     |      |        | 5  | 425  | 952.099   | 295.268 |  |
| DNF 120x25-13-6 -R |     |      |        | 6  | 476  | 1.142.519 | 345.392 |  |
| DNF 120x25-16-3 -R |     |      | 15,875 | 3  | 328  | 713.695   | 259.099 |  |
| DNF 120x25-16-5 -R |     |      |        | 5  | 431  | 1.189.491 | 402.028 |  |
| DNF 120x25-16-6 -R |     |      |        | 6  | 482  | 1.427.389 | 470.275 |  |

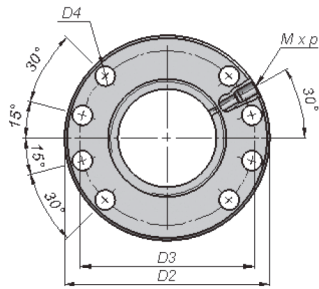
Ca:動態負載

Coa:靜態負載

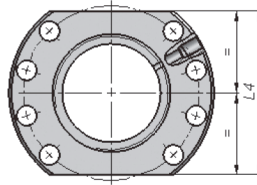
Nc:回轉圈數



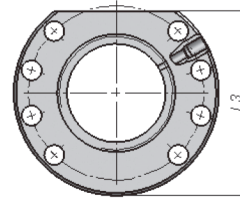
法蘭形式 A



法蘭形式 B



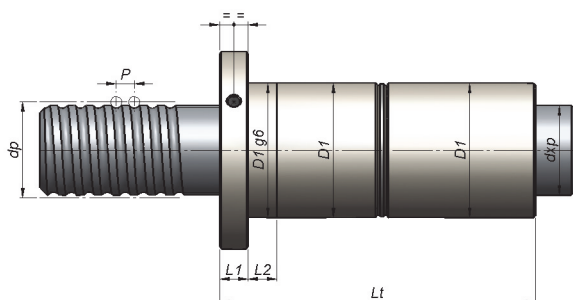
法蘭形式 C



| D1g6 | D2  | D3   | D4   | 孔數 | MXP  | L1 | L2 | L3    | L4  | 代碼                 |
|------|-----|------|------|----|------|----|----|-------|-----|--------------------|
|      | h13 | ±0,1 | H13  |    |      |    | +2 | h13   | h13 |                    |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 22 | 16 | 147,5 | 130 | DNF 100x10-06-3 -R |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 22 | 16 | 147,5 | 130 | DNF 100x10-06-5 -R |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 22 | 16 | 147,5 | 130 | DNF 100x10-06-6 -R |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 22 | 16 | 147,5 | 130 | DNF 100x12-06-3 -R |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 22 | 16 | 147,5 | 130 | DNF 100x12-06-5 -R |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 22 | 16 | 147,5 | 130 | DNF 100x12-06-6 -R |
| 135  | 180 | 160  | 17,5 | 8  | M8x1 | 30 | 25 | 162,5 | 145 | DNF 100x16-10-3 -R |
| 135  | 180 | 160  | 17,5 | 8  | M8x1 | 30 | 25 | 162,5 | 145 | DNF 100x16-10-5 -R |
| 135  | 180 | 160  | 17,5 | 8  | M8x1 | 30 | 25 | 162,5 | 145 | DNF 100x16-10-6 -R |
| 135  | 180 | 160  | 17,5 | 8  | M8x1 | 30 | 25 | 162,5 | 145 | DNF 100x20-10-3 -R |
| 135  | 180 | 160  | 17,5 | 8  | M8x1 | 30 | 25 | 162,5 | 145 | DNF 100x20-10-5 -R |
| 135  | 180 | 160  | 17,5 | 8  | M8x1 | 30 | 25 | 162,5 | 145 | DNF 100x20-10-6 -R |
| 150  | 202 | 176  | 17,5 | 8  | M8x1 | 30 | 25 | 178,5 | 155 | DNF 100x20-13-3 -R |
| 150  | 202 | 176  | 17,5 | 8  | M8x1 | 30 | 25 | 178,5 | 155 | DNF 100x20-13-5 -R |
| 150  | 202 | 176  | 17,5 | 8  | M8x1 | 30 | 25 | 178,5 | 155 | DNF 100x20-13-6 -R |
| 150  | 202 | 176  | 17,5 | 8  | M8x1 | 30 | 30 | 178,5 | 155 | DNF 100x25-10-3 -R |
| 150  | 202 | 176  | 17,5 | 8  | M8x1 | 30 | 30 | 178,5 | 155 | DNF 100x25-10-5 -R |
| 150  | 202 | 176  | 17,5 | 8  | M8x1 | 30 | 30 | 178,5 | 155 | DNF 100x25-10-6 -R |
| 150  | 202 | 176  | 17,5 | 8  | M8x1 | 30 | 30 | 178,5 | 155 | DNF 100x25-13-3 -R |
| 150  | 202 | 176  | 17,5 | 8  | M8x1 | 30 | 30 | 178,5 | 155 | DNF 100x25-13-5 -R |
| 150  | 202 | 176  | 17,5 | 8  | M8x1 | 30 | 30 | 178,5 | 155 | DNF 100x25-13-6 -R |
| 150  | 202 | 176  | 17,5 | 8  | M8x1 | 30 | 30 | 178,5 | 155 | DNF 100x25-16-3 -R |
| 150  | 202 | 176  | 17,5 | 8  | M8x1 | 30 | 30 | 178,5 | 155 | DNF 100x25-16-5 -R |
| 150  | 202 | 176  | 17,5 | 8  | M8x1 | 30 | 30 | 178,5 | 155 | DNF 100x25-16-6 -R |
| 150  | 202 | 176  | 17,5 | 8  | M8x1 | 25 | 16 | 178,5 | 155 | DNF 120x10-06-3 -R |
| 150  | 202 | 176  | 17,5 | 8  | M8x1 | 25 | 16 | 178,5 | 155 | DNF 120x10-06-5 -R |
| 150  | 202 | 176  | 17,5 | 8  | M8x1 | 25 | 16 | 178,5 | 155 | DNF 120x10-06-6 -R |
| 160  | 212 | 186  | 17,5 | 8  | M8x1 | 22 | 16 | 188,5 | 165 | DNF 120x12-06-3 -R |
| 160  | 212 | 186  | 17,5 | 8  | M8x1 | 22 | 16 | 188,5 | 165 | DNF 120x12-06-5 -R |
| 160  | 212 | 186  | 17,5 | 8  | M8x1 | 22 | 16 | 188,5 | 165 | DNF 120x12-06-6 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1 | 30 | 25 | 198,5 | 175 | DNF 120x16-10-3 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1 | 30 | 25 | 198,5 | 175 | DNF 120x16-10-5 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1 | 30 | 25 | 198,5 | 175 | DNF 120x16-10-6 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1 | 30 | 25 | 198,5 | 175 | DNF 120x20-10-3 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1 | 30 | 25 | 198,5 | 175 | DNF 120x20-10-5 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1 | 30 | 25 | 198,5 | 175 | DNF 120x20-10-6 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1 | 30 | 25 | 198,5 | 175 | DNF 120x20-13-3 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1 | 30 | 25 | 198,5 | 175 | DNF 120x20-13-5 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1 | 30 | 25 | 198,5 | 175 | DNF 120x20-13-6 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1 | 30 | 30 | 198,5 | 175 | DNF 120x25-10-3 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1 | 30 | 30 | 198,5 | 175 | DNF 120x25-10-5 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1 | 30 | 30 | 198,5 | 175 | DNF 120x25-10-6 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1 | 30 | 30 | 198,5 | 175 | DNF 120x25-13-3 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1 | 30 | 30 | 198,5 | 175 | DNF 120x25-13-5 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1 | 30 | 30 | 198,5 | 175 | DNF 120x25-13-6 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1 | 30 | 30 | 198,5 | 175 | DNF 120x25-16-3 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1 | 30 | 30 | 198,5 | 175 | DNF 120x25-16-5 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1 | 30 | 30 | 198,5 | 175 | DNF 120x25-16-6 -R |

雙螺帽  
法蘭式

## 徑向迴珠器



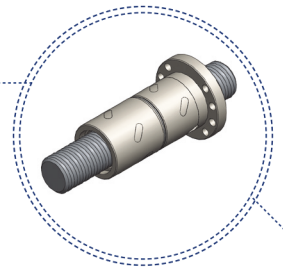
| 代碼                 | d   | p      | 滾珠直徑   | Nc  | LT        | Coa       | Ca      |
|--------------------|-----|--------|--------|-----|-----------|-----------|---------|
|                    |     |        |        |     | ±0,1      | N         | N       |
| DNF 125x10-06-3 -R | 125 | 10     | 6,35   | 3   | 145       | 310.612   | 73.780  |
| DNF 125x10-06-5 -R |     |        |        | 5   | 186       | 517.686   | 114.480 |
| DNF 125x10-06-6 -R |     |        |        | 6   | 210       | 621.224   | 133.914 |
| DNF 125x12-06-3 -R |     | 12     |        | 3   | 165       | 310.569   | 73.780  |
| DNF 125x12-06-5 -R |     |        |        | 5   | 215       | 517.615   | 114.480 |
| DNF 125x12-06-6 -R |     |        |        | 6   | 240       | 621.138   | 133.914 |
| DNF 125x16-10-3 -R |     | 16     | 9,525  | 3   | 225       | 474.682   | 134.302 |
| DNF 125x16-10-5 -R |     |        |        | 5   | 291       | 791.136   | 208.388 |
| DNF 125x16-10-6 -R |     |        |        | 6   | 323       | 949.363   | 243.764 |
| DNF 125x20-10-3 -R |     | 20     |        | 3   | 243       | 474.471   | 134.302 |
| DNF 125x20-10-5 -R |     |        |        | 5   | 346       | 790.785   | 208.388 |
| DNF 125x20-10-6 -R |     |        |        | 6   | 387       | 948.942   | 243.764 |
| DNF 125x20-13-3 -R |     | 12,7   | 3      | 275 | 594.624   | 193.249   |         |
| DNF 125x20-13-5 -R |     |        | 5      | 355 | 991.040   | 299.853   |         |
| DNF 125x20-13-6 -R |     |        | 6      | 395 | 1.189.248 | 350.755   |         |
| DNF 125x25-10-3 -R |     | 25     | 9,525  | 3   | 287       | 474.143   | 134.302 |
| DNF 125x25-10-5 -R |     |        |        | 5   | 390       | 790.238   | 208.388 |
| DNF 125x25-10-6 -R |     |        |        | 6   | 441       | 948.285   | 243.764 |
| DNF 125x25-13-3 -R |     |        | 12,7   | 3   | 297       | 594.219   | 193.249 |
| DNF 125x25-13-5 -R |     |        |        | 5   | 425       | 990.365   | 299.853 |
| DNF 125x25-13-6 -R |     |        |        | 6   | 476       | 1.188.437 | 350.755 |
| DNF 125x25-16-3 -R |     |        | 15,875 | 3   | 328       | 749.209   | 264.966 |
| DNF 125x25-16-5 -R |     |        |        | 5   | 431       | 1.248.682 | 411.130 |
| DNF 125x25-16-6 -R |     |        |        | 6   | 482       | 1.498.418 | 480.923 |
| DNF 140x20-13-4 -R | 140 | 20     | 12,7   | 4   | 332       | 914.043   | 263.902 |
| DNF 140x20-13-6 -R |     |        |        | 6   | 372       | 1.371.064 | 374.008 |
| DNF 140x25-13-4 -R |     | 25     |        | 4   | 349       | 913.542   | 263.902 |
| DNF 140x25-13-6 -R |     |        |        | 6   | 476       | 1.370.313 | 374.008 |
| DNF 140x25-16-4 -R |     | 15,875 | 4      | 380 | 1.141.109 | 360.352   |         |
| DNF 140x25-16-6 -R |     |        | 6      | 482 | 1.711.664 | 510.700   |         |
| DNF 160x20-13-4 -R | 160 | 20     | 12,7   | 4   | 325       | 1.065.997 | 281.751 |
| DNF 160x20-13-6 -R |     |        |        | 6   | 407       | 1.598.995 | 399.304 |
| DNF 160x25-13-4 -R |     | 25     |        | 4   | 359       | 1.065.547 | 281.751 |
| DNF 160x25-13-6 -R |     |        |        | 6   | 486       | 1.598.320 | 399.304 |
| DNF 160x25-16-4 -R |     | 15,875 | 4      | 398 | 1.330.847 | 385.466   |         |
| DNF 160x25-16-6 -R |     |        | 6      | 492 | 1.996.270 | 546.291   |         |
| DNF 160x25-20-4 -R |     | 19,05  | 4      | 394 | 1.575.909 | 492.596   |         |
| DNF 160x25-20-6 -R |     |        | 6      | 497 | 2.363.864 | 698.119   |         |
| DNF 180x20-13-4 -R | 180 | 20     | 12,7   | 4   | 325       | 1.218.052 | 297.833 |
| DNF 180x20-13-6 -R |     |        |        | 6   | 407       | 1.827.078 | 422.096 |
| DNF 180x25-13-4 -R |     | 25     |        | 4   | 364       | 1.217.643 | 297.833 |
| DNF 180x25-13-6 -R |     |        |        | 6   | 491       | 1.826.464 | 422.096 |
| DNF 180x25-16-4 -R |     | 15,875 | 4      | 395 | 1.520.729 | 408.015   |         |
| DNF 180x25-16-6 -R |     |        | 6      | 497 | 2.281.093 | 578.248   |         |
| DNF 180x25-20-4 -R |     | 19,05  | 4      | 400 | 1.781.701 | 518.582   |         |
| DNF 180x25-20-6 -R |     |        | 6      | 502 | 2.672.551 | 734.946   |         |

Ca:動態負載

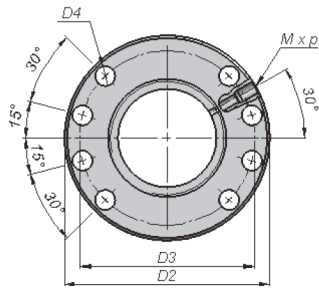
Coa:靜態負載

Nc:回轉圈數

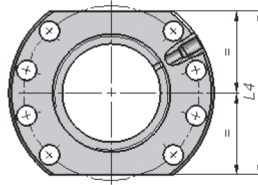




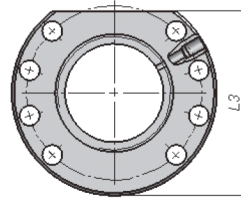
法蘭形式 A



法蘭形式 B



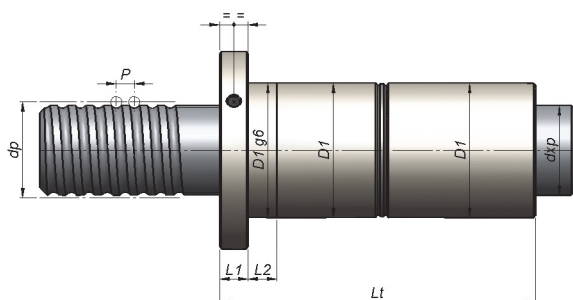
法蘭形式 C



| D1g6 | D2  | D3   | D4   | 孔數 | MXP   | L1 | L2 | L3    | L4  | 代碼                 |
|------|-----|------|------|----|-------|----|----|-------|-----|--------------------|
|      | h13 | ±0,1 | H13  |    |       |    | +2 | h13   | h13 |                    |
| 150  | 202 | 176  | 17,5 | 8  | M8x1  | 25 | 16 | 178,5 | 155 | DNF 125x10-06-3 -R |
| 150  | 202 | 176  | 17,5 | 8  | M8x1  | 25 | 16 | 178,5 | 155 | DNF 125x10-06-5 -R |
| 150  | 202 | 176  | 17,5 | 8  | M8x1  | 25 | 16 | 178,5 | 155 | DNF 125x10-06-6 -R |
| 160  | 210 | 185  | 17,5 | 8  | M8x1  | 25 | 16 | 186,5 | 163 | DNF 125x12-06-3 -R |
| 160  | 210 | 185  | 17,5 | 8  | M8x1  | 25 | 16 | 186,5 | 163 | DNF 125x12-06-5 -R |
| 160  | 210 | 185  | 17,5 | 8  | M8x1  | 25 | 16 | 186,5 | 163 | DNF 125x12-06-6 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1  | 30 | 25 | 198,5 | 175 | DNF 125x16-10-3 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1  | 30 | 25 | 198,5 | 175 | DNF 125x16-10-5 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1  | 30 | 25 | 198,5 | 175 | DNF 125x16-10-6 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1  | 30 | 25 | 198,5 | 175 | DNF 125x20-10-3 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1  | 30 | 25 | 198,5 | 175 | DNF 125x20-10-5 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1  | 30 | 25 | 198,5 | 175 | DNF 125x20-10-6 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1  | 30 | 25 | 198,5 | 175 | DNF 125x20-13-3 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1  | 30 | 25 | 198,5 | 175 | DNF 125x20-13-5 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1  | 30 | 25 | 198,5 | 175 | DNF 125x20-13-6 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1  | 30 | 30 | 198,5 | 175 | DNF 125x25-10-3 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1  | 30 | 30 | 198,5 | 175 | DNF 125x25-10-5 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1  | 30 | 30 | 198,5 | 175 | DNF 125x25-10-6 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1  | 30 | 30 | 198,5 | 175 | DNF 125x25-13-3 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1  | 30 | 30 | 198,5 | 175 | DNF 125x25-13-5 -R |
| 170  | 222 | 196  | 17,5 | 8  | M8x1  | 30 | 30 | 198,5 | 175 | DNF 125x25-13-6 -R |
| 180  | 232 | 206  | 17,5 | 8  | M8x1  | 30 | 30 | 208,5 | 185 | DNF 125x25-16-3 -R |
| 180  | 232 | 206  | 17,5 | 8  | M8x1  | 30 | 30 | 208,5 | 185 | DNF 125x25-16-5 -R |
| 180  | 232 | 206  | 17,5 | 8  | M8x1  | 30 | 30 | 208,5 | 185 | DNF 125x25-16-6 -R |
| 190  | 242 | 216  | 17,5 | 8  | M8x1  | 30 | 25 | 218,5 | 195 | DNF 140x20-13-4 -R |
| 190  | 242 | 216  | 17,5 | 8  | M8x1  | 30 | 25 | 218,5 | 195 | DNF 140x20-13-6 -R |
| 190  | 242 | 216  | 17,5 | 8  | M8x1  | 30 | 30 | 218,5 | 195 | DNF 140x25-13-4 -R |
| 190  | 242 | 216  | 17,5 | 8  | M8x1  | 30 | 30 | 218,5 | 195 | DNF 140x25-13-6 -R |
| 190  | 242 | 216  | 17,5 | 8  | M8x1  | 30 | 30 | 218,5 | 195 | DNF 140x25-16-4 -R |
| 190  | 242 | 216  | 17,5 | 8  | M8x1  | 30 | 30 | 218,5 | 195 | DNF 140x25-16-6 -R |
| 210  | 275 | 243  | 22   | 8  | M10x1 | 40 | 30 | 245   | 215 | DNF 160x20-13-4 -R |
| 210  | 275 | 243  | 22   | 8  | M10x1 | 40 | 30 | 245   | 215 | DNF 160x20-13-6 -R |
| 210  | 275 | 243  | 22   | 8  | M10x1 | 40 | 30 | 245   | 215 | DNF 160x25-13-4 -R |
| 210  | 275 | 243  | 22   | 8  | M10x1 | 40 | 30 | 245   | 215 | DNF 160x25-13-6 -R |
| 210  | 275 | 243  | 22   | 8  | M10x1 | 40 | 30 | 245   | 215 | DNF 160x25-16-4 -R |
| 210  | 275 | 243  | 22   | 8  | M10x1 | 40 | 30 | 245   | 215 | DNF 160x25-16-6 -R |
| 220  | 290 | 255  | 22   | 8  | M10x1 | 40 | 30 | 257,5 | 225 | DNF 160x25-20-4 -R |
| 220  | 290 | 255  | 22   | 8  | M10x1 | 40 | 30 | 257,5 | 225 | DNF 160x25-20-6 -R |
| 230  | 300 | 265  | 22   | 8  | M10x1 | 40 | 25 | 267,5 | 235 | DNF 180x20-13-4 -R |
| 230  | 300 | 265  | 22   | 8  | M10x1 | 40 | 25 | 267,5 | 235 | DNF 180x20-13-6 -R |
| 230  | 300 | 265  | 22   | 8  | M10x1 | 40 | 30 | 267,5 | 235 | DNF 180x25-13-4 -R |
| 230  | 300 | 265  | 22   | 8  | M10x1 | 40 | 30 | 267,5 | 235 | DNF 180x25-13-6 -R |
| 230  | 300 | 265  | 22   | 8  | M10x1 | 40 | 30 | 267,5 | 235 | DNF 180x25-16-4 -R |
| 230  | 300 | 265  | 22   | 8  | M10x1 | 40 | 30 | 267,5 | 235 | DNF 180x25-16-6 -R |
| 240  | 310 | 275  | 22   | 8  | M10x1 | 40 | 30 | 277,5 | 245 | DNF 180x25-20-4 -R |
| 240  | 310 | 275  | 22   | 8  | M10x1 | 40 | 30 | 277,5 | 245 | DNF 180x25-20-6 -R |

雙螺帽  
法蘭式

## 徑向迴珠器

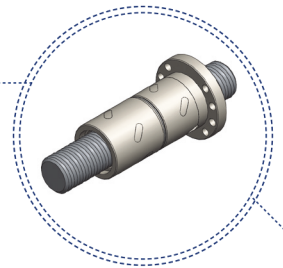


| 代碼                 | d   | p     | 滾珠直徑   | Nc     | LT        | Coa       | Ca        |         |
|--------------------|-----|-------|--------|--------|-----------|-----------|-----------|---------|
|                    |     |       |        |        | ±0,1      | N         | N         |         |
| DNF 200x20-13-4 -R | 200 | 20    | 12,7   | 4      | 310       | 1.370.176 | 312.530   |         |
| DNF 200x20-13-6 -R |     |       |        | 6      | 392       | 2.055.265 | 442.925   |         |
| DNF 200x25-13-4 -R |     | 4     |        | 349    | 1.369.802 | 312.530   |           |         |
| DNF 200x25-13-6 -R |     | 6     |        | 476    | 2.054.703 | 442.925   |           |         |
| DNF 200x25-16-4 -R |     | 25    | 15,875 | 4      | 380       | 1.710.711 | 428.564   |         |
| DNF 200x25-16-6 -R |     |       |        | 6      | 482       | 2.566.067 | 607.371   |         |
| DNF 200x25-20-4 -R |     |       | 19,05  | 4      | 384       | 2.053.733 | 554.285   |         |
| DNF 200x25-20-6 -R |     |       |        | 6      | 487       | 3.080.599 | 785.546   |         |
| DNF 220x20-13-4 -R | 220 | 20    | 12,7   | 4      | 310       | 1.522.351 | 326.110   |         |
| DNF 220x20-13-6 -R |     |       |        | 6      | 392       | 2.283.527 | 462.171   |         |
| DNF 220x25-13-4 -R |     | 25    |        | 15,875 | 4         | 349       | 1.522.006 | 326.110 |
| DNF 220x25-13-6 -R |     |       |        |        | 6         | 476       | 2.283.010 | 462.171 |
| DNF 220x25-16-4 -R |     |       | 19,05  | 4      | 380       | 1.900.765 | 447.507   |         |
| DNF 220x25-16-6 -R |     |       |        | 6      | 482       | 2.851.148 | 634.217   |         |
| DNF 220x25-20-4 -R |     | 19,05 | 19,05  | 4      | 384       | 2.259.722 | 575.543   |         |
| DNF 220x25-20-6 -R |     |       |        | 6      | 487       | 3.389.582 | 815.673   |         |
| DNF 240x20-13-4 -R | 240 | 20    | 12,7   | 4      | 310       | 1.674.564 | 338.766   |         |
| DNF 240x20-13-6 -R |     |       |        | 6      | 392       | 2.511.846 | 480.107   |         |
| DNF 240x25-13-4 -R |     | 25    |        | 15,875 | 4         | 349       | 1.674.244 | 338.766 |
| DNF 240x25-13-6 -R |     |       |        |        | 6         | 476       | 2.511.366 | 480.107 |
| DNF 240x25-16-4 -R |     |       | 19,05  | 4      | 380       | 2.090.872 | 465.128   |         |
| DNF 240x25-16-6 -R |     |       |        | 6      | 482       | 3.136.309 | 659.190   |         |
| DNF 240x25-20-4 -R |     | 19,05 | 19,05  | 4      | 384       | 2.465.669 | 595.387   |         |
| DNF 240x25-20-6 -R |     |       |        | 6      | 487       | 3.698.503 | 843.797   |         |
| DNF 260x20-13-4 -R | 260 | 20    | 12,7   | 4      | 310       | 1.826.805 | 350.644   |         |
| DNF 260x20-13-6 -R |     |       |        | 6      | 392       | 2.740.208 | 496.942   |         |
| DNF 260x25-13-4 -R |     | 25    |        | 15,875 | 4         | 349       | 1.826.507 | 350.644 |
| DNF 260x25-13-6 -R |     |       |        |        | 6         | 476       | 2.739.760 | 496.942 |
| DNF 260x25-16-4 -R |     |       | 19,05  | 4      | 380       | 2.281.021 | 481.640   |         |
| DNF 260x25-16-6 -R |     |       |        | 6      | 482       | 3.421.531 | 682.592   |         |
| DNF 260x25-20-4 -R |     | 19,05 | 19,05  | 4      | 384       | 2.671.584 | 614.046   |         |
| DNF 260x25-20-6 -R |     |       |        | 6      | 487       | 4.007.376 | 870.240   |         |
| DNF 280x20-13-4 -R | 280 | 20    | 12,7   | 4      | 310       | 1.979.069 | 361.857   |         |
| DNF 280x20-13-6 -R |     |       |        | 6      | 392       | 2.968.603 | 512.832   |         |
| DNF 280x25-13-4 -R |     | 25    |        | 15,875 | 4         | 349       | 1.978.790 | 361.857 |
| DNF 280x25-13-6 -R |     |       |        |        | 6         | 476       | 2.968.184 | 512.832 |
| DNF 280x25-16-4 -R |     |       | 19,05  | 4      | 380       | 2.471.200 | 497.207   |         |
| DNF 280x25-16-6 -R |     |       |        | 6      | 482       | 3.706.800 | 704.653   |         |
| DNF 280x25-20-4 -R |     | 19,05 | 19,05  | 4      | 384       | 2.944.392 | 641.448   |         |
| DNF 280x25-20-6 -R |     |       |        | 6      | 487       | 4.416.587 | 909.076   |         |
| DNF 300x20-13-4 -R | 300 | 20    | 12,7   | 4      | 310       | 2.131.350 | 372.493   |         |
| DNF 300x20-13-6 -R |     |       |        | 6      | 392       | 3.197.026 | 527.905   |         |
| DNF 300x25-13-4 -R |     | 25    |        | 15,875 | 4         | 349       | 2.131.088 | 372.493 |
| DNF 300x25-13-6 -R |     |       |        |        | 6         | 476       | 3.196.632 | 527.905 |
| DNF 300x25-16-4 -R |     |       | 19,05  | 4      | 380       | 2.661.405 | 511.956   |         |
| DNF 300x25-16-6 -R |     |       |        | 6      | 482       | 3.992.108 | 725.556   |         |
| DNF 300x25-20-4 -R |     | 19,05 | 19,05  | 4      | 384       | 3.150.372 | 657.826   |         |
| DNF 300x25-20-6 -R |     |       |        | 6      | 487       | 4.725.558 | 932.287   |         |

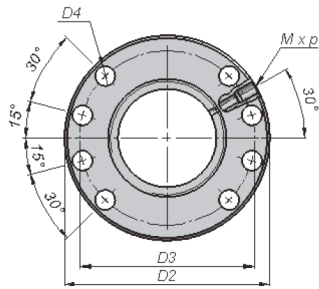
Ca:動態負載

Coa:靜態負載

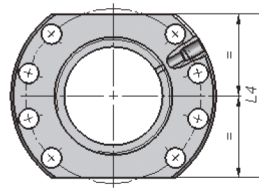
Nc:回轉圈數



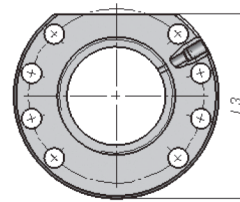
法蘭形式 A



法蘭形式 B



法蘭形式 C



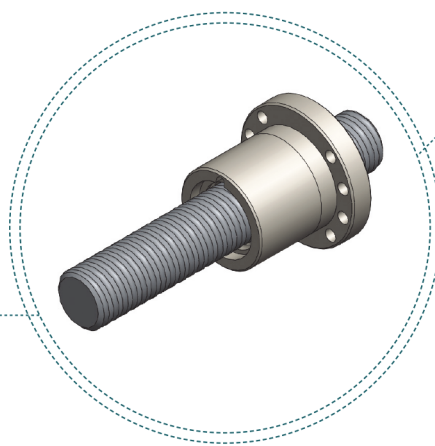
| D1g6 | D2  | D3   | D4  | 孔數 | MXP   | L1 | L2 | L3  | L4  | 代碼                 |
|------|-----|------|-----|----|-------|----|----|-----|-----|--------------------|
|      | h13 | ±0,1 | H13 |    |       |    | +2 | h13 | h13 |                    |
| 250  | 330 | 290  | 26  | 8  | M10x1 | 45 | 30 | 285 | 255 | DNF 200x20-13-4 -R |
| 250  | 330 | 290  | 26  | 8  | M10x1 | 45 | 30 | 285 | 255 | DNF 200x20-13-6 -R |
| 250  | 330 | 290  | 26  | 8  | M10x1 | 45 | 30 | 285 | 255 | DNF 200x25-13-4 -R |
| 250  | 330 | 290  | 26  | 8  | M10x1 | 45 | 30 | 285 | 255 | DNF 200x25-13-6 -R |
| 250  | 330 | 290  | 26  | 8  | M10x1 | 45 | 30 | 285 | 255 | DNF 200x25-16-4 -R |
| 250  | 330 | 290  | 26  | 8  | M10x1 | 45 | 30 | 285 | 255 | DNF 200x25-16-6 -R |
| 260  | 340 | 300  | 26  | 8  | M10x1 | 45 | 30 | 295 | 265 | DNF 200x25-20-4 -R |
| 260  | 340 | 300  | 26  | 8  | M10x1 | 45 | 30 | 295 | 265 | DNF 200x25-20-6 -R |
| 270  | 350 | 310  | 26  | 8  | M10x1 | 45 | 25 | 305 | 275 | DNF 220x20-13-4 -R |
| 270  | 350 | 310  | 26  | 8  | M10x1 | 45 | 25 | 305 | 275 | DNF 220x20-13-6 -R |
| 270  | 350 | 310  | 26  | 8  | M10x1 | 45 | 30 | 305 | 275 | DNF 220x25-13-4 -R |
| 270  | 350 | 310  | 26  | 8  | M10x1 | 45 | 30 | 305 | 275 | DNF 220x25-13-6 -R |
| 270  | 350 | 310  | 26  | 8  | M10x1 | 45 | 30 | 305 | 275 | DNF 220x25-16-4 -R |
| 270  | 350 | 310  | 26  | 8  | M10x1 | 45 | 30 | 305 | 275 | DNF 220x25-16-6 -R |
| 280  | 360 | 320  | 26  | 8  | M10x1 | 45 | 30 | 315 | 285 | DNF 220x25-20-4 -R |
| 280  | 360 | 320  | 26  | 8  | M10x1 | 45 | 30 | 315 | 285 | DNF 220x25-20-6 -R |
| 290  | 370 | 330  | 26  | 8  | M10x1 | 45 | 30 | 325 | 295 | DNF 240x20-13-4 -R |
| 290  | 370 | 330  | 26  | 8  | M10x1 | 45 | 30 | 325 | 295 | DNF 240x20-13-6 -R |
| 290  | 370 | 330  | 26  | 8  | M10x1 | 45 | 30 | 325 | 295 | DNF 240x25-13-4 -R |
| 290  | 370 | 330  | 26  | 8  | M10x1 | 45 | 30 | 325 | 295 | DNF 240x25-13-6 -R |
| 290  | 370 | 330  | 26  | 8  | M10x1 | 45 | 30 | 325 | 295 | DNF 240x25-16-4 -R |
| 290  | 370 | 330  | 26  | 8  | M10x1 | 45 | 30 | 325 | 295 | DNF 240x25-16-6 -R |
| 300  | 380 | 340  | 26  | 8  | M10x1 | 45 | 30 | 335 | 305 | DNF 240x25-20-4 -R |
| 300  | 380 | 340  | 26  | 8  | M10x1 | 45 | 30 | 335 | 305 | DNF 240x25-20-6 -R |
| 310  | 390 | 350  | 26  | 8  | M10x1 | 45 | 30 | 345 | 315 | DNF 260x20-13-4 -R |
| 310  | 390 | 350  | 26  | 8  | M10x1 | 45 | 30 | 345 | 315 | DNF 260x20-13-6 -R |
| 310  | 390 | 350  | 26  | 8  | M10x1 | 45 | 30 | 345 | 315 | DNF 260x25-13-4 -R |
| 310  | 390 | 350  | 26  | 8  | M10x1 | 45 | 30 | 345 | 315 | DNF 260x25-13-6 -R |
| 310  | 390 | 350  | 26  | 8  | M10x1 | 45 | 30 | 345 | 315 | DNF 260x25-16-4 -R |
| 310  | 390 | 350  | 26  | 8  | M10x1 | 45 | 30 | 345 | 315 | DNF 260x25-16-6 -R |
| 320  | 400 | 360  | 26  | 8  | M10x1 | 45 | 30 | 355 | 325 | DNF 260x25-20-4 -R |
| 320  | 400 | 360  | 26  | 8  | M10x1 | 45 | 30 | 355 | 325 | DNF 260x25-20-6 -R |
| 330  | 410 | 370  | 26  | 8  | M10x1 | 45 | 30 | 365 | 335 | DNF 280x20-13-4 -R |
| 330  | 410 | 370  | 26  | 8  | M10x1 | 45 | 30 | 365 | 335 | DNF 280x20-13-6 -R |
| 330  | 410 | 370  | 26  | 8  | M10x1 | 45 | 30 | 365 | 335 | DNF 280x25-13-4 -R |
| 330  | 410 | 370  | 26  | 8  | M10x1 | 45 | 30 | 365 | 335 | DNF 280x25-13-6 -R |
| 330  | 410 | 370  | 26  | 8  | M10x1 | 45 | 30 | 365 | 335 | DNF 280x25-16-4 -R |
| 330  | 410 | 370  | 26  | 8  | M10x1 | 45 | 30 | 365 | 335 | DNF 280x25-16-6 -R |
| 340  | 420 | 380  | 26  | 8  | M10x1 | 45 | 30 | 375 | 345 | DNF 280x25-20-4 -R |
| 340  | 420 | 380  | 26  | 8  | M10x1 | 45 | 30 | 375 | 345 | DNF 280x25-20-6 -R |
| 350  | 430 | 390  | 26  | 8  | M10x1 | 45 | 30 | 385 | 355 | DNF 300x20-13-4 -R |
| 350  | 430 | 390  | 26  | 8  | M10x1 | 45 | 30 | 385 | 355 | DNF 300x20-13-6 -R |
| 350  | 430 | 390  | 26  | 8  | M10x1 | 45 | 30 | 385 | 355 | DNF 300x25-13-4 -R |
| 350  | 430 | 390  | 26  | 8  | M10x1 | 45 | 30 | 385 | 355 | DNF 300x25-13-6 -R |
| 350  | 430 | 390  | 26  | 8  | M10x1 | 45 | 30 | 385 | 355 | DNF 300x25-16-4 -R |
| 350  | 430 | 390  | 26  | 8  | M10x1 | 45 | 30 | 385 | 355 | DNF 300x25-16-6 -R |
| 360  | 440 | 400  | 26  | 8  | M10x1 | 45 | 30 | 395 | 365 | DNF 300x25-20-4 -R |
| 360  | 440 | 400  | 26  | 8  | M10x1 | 45 | 30 | 395 | 365 | DNF 300x25-20-6 -R |



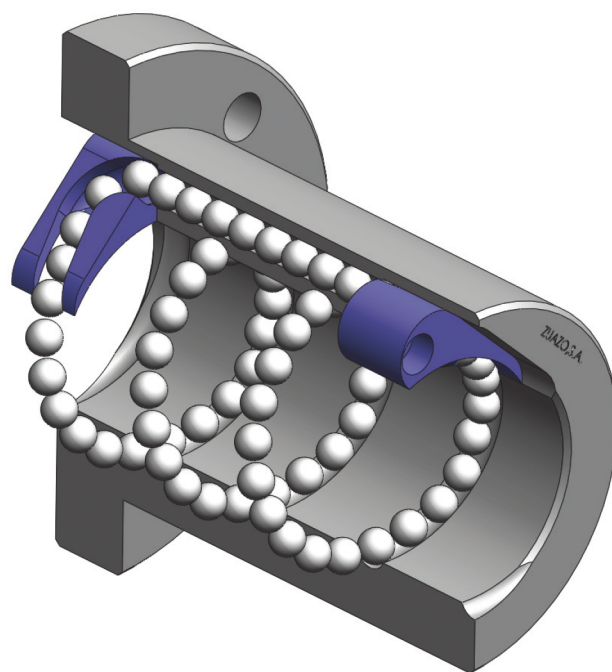
BSG - ZUAZO



單螺帽式  
法蘭預壓

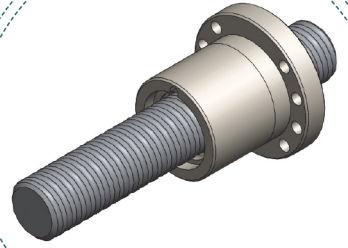


軸向迴珠器



SNF axial

BSG  
ZUAZO



## 特色(FEATURES)

BSG單螺帽法蘭式配備軸向迴轉系列：為多用途提供解決方案，其滾珠四點接觸之設計提供了最短長度的高剛性之使用需求。

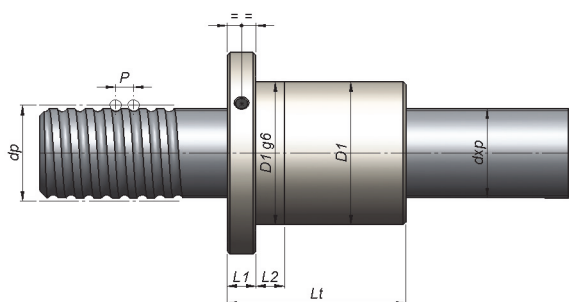
## 產品生產範圍(RANGE OF PRODUCTION)

[illegible]

### A 單螺帽法蘭式(軸向迴珠器)

單螺帽  
法蘭式

## 軸向迴珠器



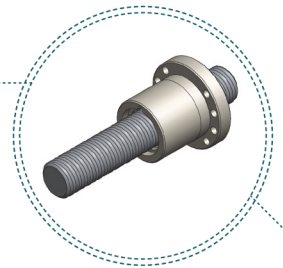
| 代碼                 | d  | p  | 滾珠直徑  | Nc | LT   | Coa     | Ca      |
|--------------------|----|----|-------|----|------|---------|---------|
|                    |    |    |       |    | ±0,1 | N       | N       |
| SNF 040x20-06-3 -A | 40 | 20 | 6,35  | 3  | 110  | 100.356 | 46.972  |
| SNF 040x20-06-4 -A |    |    |       | 4  | 130  | 135.433 | 60.785  |
| SNF 040x20-06-5 -A |    |    |       | 5  | 150  | 170.509 | 74.100  |
| SNF 040x20-06-6 -A |    |    |       | 6  | 170  | 205.585 | 87.033  |
| SNF 040x25-06-3 -A |    | 25 | 6,35  | 3  | 120  | 99.731  | 46.972  |
| SNF 040x25-06-4 -A |    |    |       | 4  | 145  | 134.589 | 60.785  |
| SNF 040x25-06-5 -A |    |    |       | 5  | 170  | 169.447 | 74.100  |
| SNF 040x25-06-6 -A |    |    |       | 6  | 195  | 204.304 | 87.033  |
| SNF 050x20-08-3 -A | 50 | 20 | 7,938 | 3  | 110  | 157.694 | 70.845  |
| SNF 050x20-08-4 -A |    |    |       | 4  | 130  | 212.811 | 91.677  |
| SNF 050x20-08-5 -A |    |    |       | 5  | 150  | 267.927 | 111.758 |
| SNF 050x20-08-6 -A |    |    |       | 6  | 170  | 323.044 | 131.265 |
| SNF 050x25-10-3 -A |    | 25 | 9,525 | 3  | 135  | 192.651 | 91.826  |
| SNF 050x25-10-4 -A |    |    |       | 4  | 160  | 259.985 | 118.828 |
| SNF 050x25-10-5 -A |    |    |       | 5  | 185  | 327.319 | 144.857 |
| SNF 050x25-10-6 -A |    |    |       | 6  | 210  | 394.654 | 170.141 |
| SNF 050x30-10-3 -A |    | 30 | 9,525 | 3  | 165  | 191.727 | 91.826  |
| SNF 050x30-10-4 -A |    |    |       | 4  | 195  | 258.738 | 118.828 |
| SNF 050x30-10-5 -A |    |    |       | 5  | 225  | 325.749 | 144.857 |
| SNF 050x30-10-6 -A |    |    |       | 6  | 255  | 392.760 | 170.141 |
| SNF 063x20-10-3 -A | 63 | 20 | 9,525 | 3  | 120  | 242.927 | 101.852 |
| SNF 063x20-10-4 -A |    |    |       | 4  | 140  | 327.834 | 131.803 |
| SNF 063x20-10-5 -A |    |    |       | 5  | 160  | 412.740 | 160.673 |
| SNF 063x20-10-6 -A |    |    |       | 6  | 180  | 497.647 | 188.718 |
| SNF 063x20-13-3 -A |    |    | 12,7  | 3  | 130  | 323.184 | 149.133 |
| SNF 063x20-13-4 -A |    |    |       | 4  | 150  | 436.142 | 192.987 |
| SNF 063x20-13-5 -A |    |    |       | 5  | 170  | 549.099 | 235.259 |
| SNF 063x20-13-6 -A |    |    |       | 6  | 190  | 662.057 | 276.323 |
| SNF 063x25-10-3 -A |    | 25 | 9,525 | 3  | 140  | 242.302 | 101.852 |
| SNF 063x25-10-4 -A |    |    |       | 4  | 165  | 326.990 | 131.803 |
| SNF 063x25-10-5 -A |    |    |       | 5  | 190  | 411.678 | 160.673 |
| SNF 063x25-10-6 -A |    |    |       | 6  | 215  | 496.366 | 188.718 |
| SNF 063x30-10-2 -A |    | 30 | 9,525 | 2  | 125  | 164.603 | 72.581  |
| SNF 063x30-10-3 -A |    |    |       | 3  | 200  | 253.046 | 105.061 |
| SNF 063x30-10-5 -A |    |    |       | 5  | 215  | 429.932 | 165.735 |
| SNF 063x30-13-2 -A |    |    | 12,7  | 2  | 130  | 209.064 | 103.029 |
| SNF 063x30-13-3 -A |    |    |       | 3  | 160  | 321.397 | 149.133 |
| SNF 063x30-13-5 -A |    |    |       | 5  | 210  | 546.063 | 235.259 |
| SNF 063x40-06-3 -A |    | 40 | 6,35  | 3  | 165  | 154.955 | 56.495  |
| SNF 063x40-06-4 -A |    |    |       | 4  | 205  | 209.114 | 73.108  |
| SNF 063x40-10-3 -A |    |    | 9,525 | 3  | 190  | 251.058 | 105.061 |
| SNF 063x40-10-4 -A |    |    |       | 4  | 230  | 338.806 | 135.954 |
| SNF 063x40-13-3 -A |    |    | 12,7  | 3  | 200  | 318.944 | 149.133 |
| SNF 063x40-13-4 -A |    |    |       | 4  | 240  | 430.420 | 192.987 |

Ca:動態負載

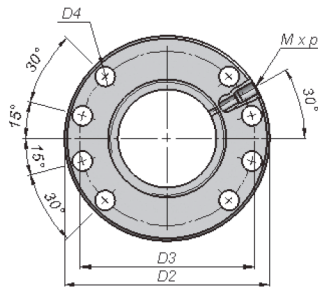
Coa:靜態負載

Nc:回轉圈數

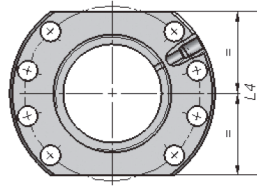




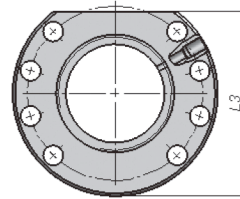
法蘭形式 A



法蘭形式 B



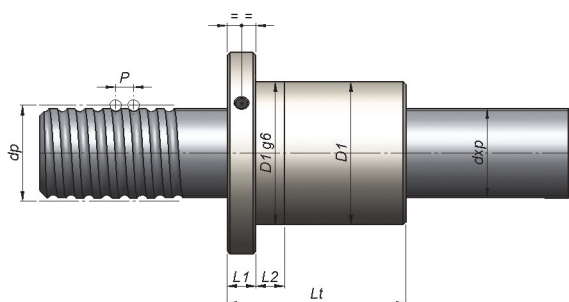
法蘭形式 C



| D1g6 | D2  | D3   | D4   | 孔數 | MXP  | L1 | L2 | L3    | L4  | 代碼                 |
|------|-----|------|------|----|------|----|----|-------|-----|--------------------|
|      | h13 | ±0,1 | H13  |    |      |    | +2 | h13   | h13 |                    |
| 75   | 115 | 95   | 9    | 8  | M8x1 | 18 | 18 | 92,5  | 75  | SNF 040x20-06-3 -A |
| 75   | 115 | 95   | 9    | 8  | M8x1 | 18 | 18 | 92,5  | 75  | SNF 040x20-06-4 -A |
| 75   | 115 | 95   | 9    | 8  | M8x1 | 18 | 18 | 92,5  | 75  | SNF 040x20-06-5 -A |
| 75   | 115 | 95   | 9    | 8  | M8x1 | 18 | 18 | 92,5  | 75  | SNF 040x20-06-6 -A |
| 75   | 115 | 95   | 9    | 8  | M8x1 | 18 | 18 | 92,5  | 75  | SNF 040x25-06-3 -A |
| 75   | 115 | 95   | 9    | 8  | M8x1 | 18 | 18 | 92,5  | 75  | SNF 040x25-06-4 -A |
| 75   | 115 | 95   | 9    | 8  | M8x1 | 18 | 18 | 92,5  | 75  | SNF 040x25-06-5 -A |
| 75   | 115 | 95   | 9    | 8  | M8x1 | 18 | 18 | 92,5  | 75  | SNF 040x25-06-6 -A |
| 85   | 125 | 105  | 11   | 8  | M8x1 | 25 | 25 | 107,5 | 90  | SNF 050x20-08-3 -A |
| 85   | 125 | 105  | 11   | 8  | M8x1 | 25 | 25 | 107,5 | 90  | SNF 050x20-08-4 -A |
| 85   | 125 | 105  | 11   | 8  | M8x1 | 25 | 25 | 107,5 | 90  | SNF 050x20-08-5 -A |
| 85   | 125 | 105  | 11   | 8  | M8x1 | 25 | 25 | 107,5 | 90  | SNF 050x20-08-6 -A |
| 95   | 135 | 115  | 11   | 8  | M8x1 | 25 | 25 | 117,5 | 100 | SNF 050x25-10-3 -A |
| 95   | 135 | 115  | 11   | 8  | M8x1 | 25 | 25 | 117,5 | 100 | SNF 050x25-10-4 -A |
| 95   | 135 | 115  | 11   | 8  | M8x1 | 25 | 25 | 117,5 | 100 | SNF 050x25-10-5 -A |
| 95   | 135 | 115  | 11   | 8  | M8x1 | 25 | 25 | 117,5 | 100 | SNF 050x25-10-6 -A |
| 95   | 135 | 115  | 11   | 8  | M8x1 | 25 | 25 | 117,5 | 100 | SNF 050x30-10-3 -A |
| 95   | 135 | 115  | 11   | 8  | M8x1 | 25 | 25 | 117,5 | 100 | SNF 050x30-10-4 -A |
| 95   | 135 | 115  | 11   | 8  | M8x1 | 25 | 25 | 117,5 | 100 | SNF 050x30-10-5 -A |
| 95   | 135 | 115  | 11   | 8  | M8x1 | 25 | 25 | 117,5 | 100 | SNF 050x30-10-6 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | SNF 063x20-10-3 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | SNF 063x20-10-4 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | SNF 063x20-10-5 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | SNF 063x20-10-6 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | SNF 063x20-13-3 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | SNF 063x20-13-4 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | SNF 063x20-13-5 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | SNF 063x25-10-3 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | SNF 063x25-10-4 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | SNF 063x25-10-5 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | SNF 063x25-10-6 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | SNF 063x30-10-2 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | SNF 063x30-10-3 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | SNF 063x30-10-5 -A |
| 120  | 160 | 140  | 13,5 | 8  | M8x1 | 30 | 30 | 142,5 | 125 | SNF 063x30-13-2 -A |
| 120  | 160 | 140  | 13,5 | 8  | M8x1 | 30 | 30 | 142,5 | 125 | SNF 063x30-13-3 -A |
| 120  | 160 | 140  | 13,5 | 8  | M8x1 | 30 | 30 | 142,5 | 125 | SNF 063x30-13-5 -A |
| 95   | 135 | 115  | 13,5 | 8  | M8x1 | 35 | 35 | 117,5 | 100 | SNF 063x40-06-3 -A |
| 95   | 135 | 115  | 13,5 | 8  | M8x1 | 35 | 35 | 117,5 | 100 | SNF 063x40-06-4 -A |
| 110  | 150 | 130  | 13,5 | 8  | M8x1 | 35 | 35 | 132,5 | 115 | SNF 063x40-10-3 -A |
| 110  | 150 | 130  | 13,5 | 8  | M8x1 | 35 | 35 | 132,5 | 115 | SNF 063x40-10-4 -A |
| 120  | 160 | 140  | 13,5 | 8  | M8x1 | 35 | 35 | 142,5 | 125 | SNF 063x40-13-3 -A |
| 120  | 160 | 140  | 13,5 | 8  | M8x1 | 35 | 35 | 142,5 | 125 | SNF 063x40-13-4 -A |

單螺帽  
法蘭式

## 軸向迴珠器



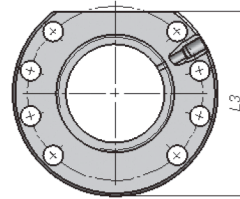
| 代碼                 | d  | p  | 滾珠直徑   | Nc  | LT      | Coa       | Ca      |
|--------------------|----|----|--------|-----|---------|-----------|---------|
|                    |    |    |        |     | ±0,1    | N         | N       |
| SNF 080x20-10-3 -A | 80 | 20 | 9,525  | 3   | 130     | 316.473   | 114.671 |
| SNF 080x20-10-4 -A |    |    |        | 4   | 150     | 427.085   | 148.391 |
| SNF 080x20-10-5 -A |    |    |        | 5   | 170     | 537.697   | 180.895 |
| SNF 080x20-10-6 -A |    |    |        | 6   | 190     | 648.310   | 212.470 |
| SNF 080x20-13-3 -A |    |    | 12,7   | 3   | 140     | 410.907   | 166.983 |
| SNF 080x20-13-4 -A |    |    |        | 4   | 160     | 554.525   | 216.085 |
| SNF 080x20-13-5 -A |    | 5  |        | 180 | 698.143 | 263.418   |         |
| SNF 080x20-13-6 -A |    | 6  |        | 200 | 841.761 | 309.396   |         |
| SNF 080x25-10-3 -A |    | 25 | 9,525  | 3   | 150     | 315.955   | 114.671 |
| SNF 080x25-10-4 -A |    |    |        | 4   | 175     | 426.386   | 148.391 |
| SNF 080x25-10-5 -A |    |    |        | 5   | 200     | 536.817   | 180.895 |
| SNF 080x25-10-6 -A |    |    |        | 6   | 225     | 647.248   | 212.470 |
| SNF 080x25-13-3 -A |    |    | 12,7   | 3   | 160     | 410.250   | 166.983 |
| SNF 080x25-13-4 -A |    |    |        | 4   | 185     | 553.639   | 216.085 |
| SNF 080x25-13-5 -A |    |    |        | 5   | 210     | 697.027   | 263.418 |
| SNF 080x25-13-6 -A |    |    |        | 6   | 235     | 840.416   | 309.396 |
| SNF 080x25-16-3 -A |    |    | 15,875 | 3   | 170     | 505.601   | 222.461 |
| SNF 080x25-16-4 -A |    |    |        | 4   | 195     | 682.316   | 287.877 |
| SNF 080x25-16-5 -A |    |    |        | 5   | 220     | 859.031   | 350.935 |
| SNF 080x25-16-6 -A |    |    |        | 6   | 245     | 1.035.746 | 412.190 |
| SNF 080x30-10-3 -A |    | 30 | 9,525  | 3   | 170     | 315.326   | 114.671 |
| SNF 080x30-10-4 -A |    |    |        | 4   | 200     | 425.536   | 148.391 |
| SNF 080x30-10-5 -A |    |    |        | 5   | 230     | 535.747   | 180.895 |
| SNF 080x30-10-6 -A |    |    |        | 6   | 260     | 645.958   | 212.470 |
| SNF 080x30-13-3 -A |    |    | 12,7   | 3   | 180     | 409.452   | 166.983 |
| SNF 080x30-13-4 -A |    |    |        | 4   | 210     | 552.561   | 216.085 |
| SNF 080x30-13-5 -A |    |    |        | 5   | 240     | 695.670   | 263.418 |
| SNF 080x30-13-6 -A |    |    |        | 6   | 270     | 838.780   | 309.396 |
| SNF 080x30-16-3 -A |    |    | 15,875 | 3   | 190     | 504.640   | 222.461 |
| SNF 080x30-16-4 -A |    |    |        | 4   | 220     | 681.018   | 287.877 |
| SNF 080x30-16-5 -A |    |    |        | 5   | 250     | 857.397   | 350.935 |
| SNF 080x30-16-6 -A |    |    |        | 6   | 280     | 1.033.776 | 412.190 |
| SNF 080x40-10-3 -A |    | 40 | 9,525  | 3   | 200     | 313.739   | 114.671 |
| SNF 080x40-10-4 -A |    |    |        | 4   | 240     | 423.396   | 148.391 |
| SNF 080x40-10-5 -A |    |    |        | 5   | 280     | 533.052   | 180.895 |
| SNF 080x40-10-6 -A |    |    |        | 6   | 320     | 642.709   | 212.470 |
| SNF 080x40-13-3 -A |    |    | 12,7   | 3   | 210     | 427.812   | 172.504 |
| SNF 080x40-13-4 -A |    |    |        | 4   | 250     | 577.338   | 223.229 |
| SNF 080x40-13-5 -A |    |    |        | 5   | 290     | 726.865   | 272.127 |
| SNF 080x40-13-6 -A |    |    |        | 6   | 330     | 876.391   | 319.625 |
| SNF 080x40-16-3 -A |    |    | 15,875 | 3   | 220     | 533.605   | 231.636 |
| SNF 080x40-16-4 -A |    |    |        | 4   | 260     | 720.108   | 299.750 |
| SNF 080x40-16-5 -A |    |    |        | 5   | 300     | 906.611   | 365.409 |
| SNF 080x40-16-6 -A |    |    |        | 6   | 340     | 1.093.114 | 429.190 |

Ca:動態負載

Coa:靜態負載

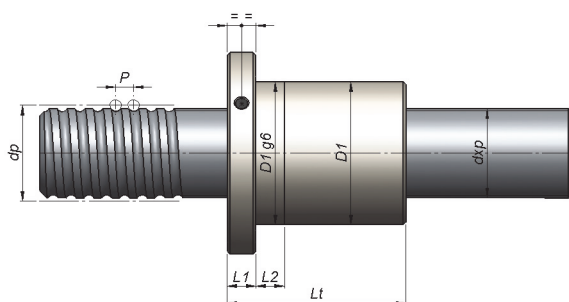
Nc:回轉圈數

### 法蘭形式 C

51

單螺帽  
法蘭式

## 軸向迴珠器



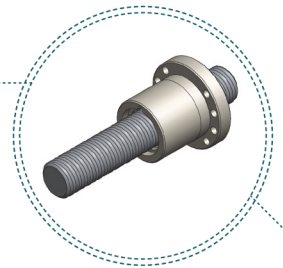
| 代碼                 | d   | p  | 滾珠直徑   | Nc | LT   | Coa       | Ca      |
|--------------------|-----|----|--------|----|------|-----------|---------|
|                    |     |    |        |    | ±0,1 | N         | N       |
| SNF 100x20-10-3 -A | 100 | 20 | 9,525  | 3  | 125  | 402.328   | 126.874 |
| SNF 100x20-10-4 -A |     |    |        | 4  | 145  | 542.948   | 164.182 |
| SNF 100x20-10-5 -A |     |    |        | 5  | 165  | 683.567   | 200.145 |
| SNF 100x20-10-6 -A |     |    |        | 6  | 185  | 824.187   | 235.080 |
| SNF 100x20-13-3 -A |     |    | 12,7   | 3  | 130  | 520.014   | 185.465 |
| SNF 100x20-13-4 -A |     |    |        | 4  | 150  | 701.766   | 240.001 |
| SNF 100x20-13-5 -A |     |    |        | 5  | 170  | 883.519   | 292.573 |
| SNF 100x20-13-6 -A |     |    |        | 6  | 190  | 1.065.271 | 343.640 |
| SNF 100x25-10-3 -A |     | 25 | 9,525  | 3  | 150  | 401.899   | 126.874 |
| SNF 100x25-10-4 -A |     |    |        | 4  | 175  | 542.369   | 164.182 |
| SNF 100x25-10-5 -A |     |    |        | 5  | 200  | 682.838   | 200.145 |
| SNF 100x25-10-6 -A |     |    |        | 6  | 225  | 823.308   | 235.080 |
| SNF 100x25-13-3 -A |     |    | 12,7   | 3  | 160  | 519.470   | 185.465 |
| SNF 100x25-13-4 -A |     |    |        | 4  | 185  | 701.032   | 240.001 |
| SNF 100x25-13-5 -A |     |    |        | 5  | 210  | 882.594   | 292.573 |
| SNF 100x25-13-6 -A |     |    |        | 6  | 235  | 1.064.156 | 343.640 |
| SNF 100x25-16-3 -A |     |    | 15,875 | 3  | 170  | 642.033   | 249.554 |
| SNF 100x25-16-4 -A |     |    |        | 4  | 195  | 866.432   | 322.937 |
| SNF 100x25-16-5 -A |     |    |        | 5  | 220  | 1.090.832 | 393.675 |
| SNF 100x25-16-6 -A |     |    |        | 6  | 245  | 1.315.232 | 462.390 |
| SNF 100x30-10-2 -A |     | 30 | 9,525  | 2  | 140  | 261.090   | 87.651  |
| SNF 100x30-10-3 -A |     |    |        | 3  | 170  | 401.376   | 126.874 |
| SNF 100x30-10-5 -A |     |    |        | 5  | 230  | 681.950   | 200.145 |
| SNF 100x30-13-2 -A |     |    | 12,7   | 2  | 150  | 337.476   | 128.128 |
| SNF 100x30-13-3 -A |     |    |        | 3  | 180  | 518.807   | 185.465 |
| SNF 100x30-13-5 -A |     |    |        | 5  | 240  | 881.468   | 292.573 |
| SNF 100x30-16-2 -A |     |    | 15,875 | 2  | 160  | 417.110   | 172.405 |
| SNF 100x30-16-3 -A |     |    |        | 3  | 190  | 641.229   | 249.554 |
| SNF 100x30-16-5 -A |     |    |        | 5  | 260  | 1.089.467 | 393.675 |
| SNF 100x40-10-3 -A |     | 40 | 9,525  | 3  | 200  | 400.055   | 126.874 |
| SNF 100x40-10-4 -A |     |    |        | 4  | 240  | 539.880   | 164.182 |
| SNF 100x40-13-3 -A |     |    | 12,7   | 3  | 210  | 517.132   | 185.465 |
| SNF 100x40-13-4 -A |     |    |        | 4  | 250  | 697.877   | 240.001 |
| SNF 100x40-16-3 -A |     |    | 15,875 | 3  | 220  | 639.197   | 249.554 |
| SNF 100x40-16-4 -A |     |    |        | 4  | 260  | 862.605   | 322.937 |
| SNF 100x50-10-2 -A |     | 50 | 9,525  | 2  | 180  | 259.138   | 87.651  |
| SNF 100x50-10-3 -A |     |    |        | 3  | 230  | 398.376   | 126.874 |
| SNF 100x50-13-2 -A |     |    | 12,7   | 2  | 200  | 348.401   | 131.523 |
| SNF 100x50-13-3 -A |     |    |        | 3  | 250  | 535.601   | 190.378 |
| SNF 100x50-16-2 -A |     |    | 15,875 | 2  | 220  | 434.812   | 178.105 |
| SNF 100x50-16-3 -A |     |    |        | 3  | 270  | 668.443   | 257.805 |
| SNF 100x60-10-2 -A |     | 60 | 9,525  | 2  | 220  | 257.821   | 87.651  |
| SNF 100x60-10-3 -A |     |    |        | 3  | 280  | 396.351   | 126.874 |
| SNF 100x60-13-2 -A |     |    | 12,7   | 2  | 240  | 346.663   | 131.523 |
| SNF 100x60-13-3 -A |     |    |        | 3  | 300  | 532.930   | 190.378 |
| SNF 100x60-16-2 -A |     |    | 15,875 | 2  | 270  | 432.684   | 178.105 |
| SNF 100x60-16-3 -A |     |    |        | 3  | 330  | 665.170   | 257.805 |
|                    |     |    |        |    |      |           |         |

Ca:動態負載

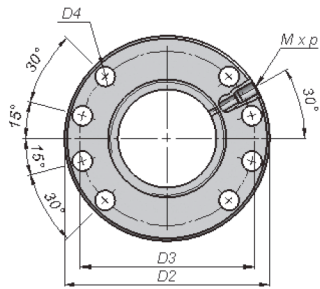
Coa:靜態負載

Nc:回轉圈數

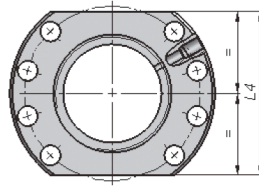




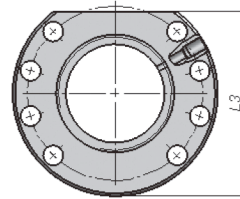
法蘭形式 A



法蘭形式 B



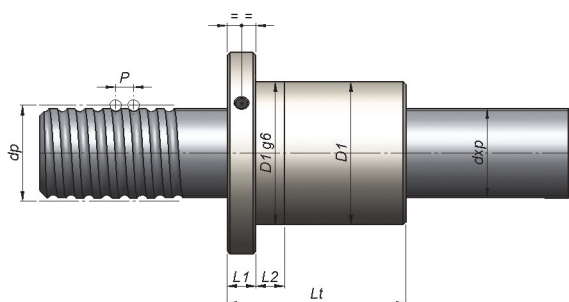
法蘭形式 C



| D1g6 | D2  | D3   | D4   | 孔數 | MXP  | L1 | L2 | L3    | L4  | 代碼                 |
|------|-----|------|------|----|------|----|----|-------|-----|--------------------|
|      | h13 | ±0,1 | H13  |    |      |    | +2 | h13   | h13 |                    |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 30 | 30 | 182,5 | 165 | SNF 100x20-10-3 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 30 | 30 | 182,5 | 165 | SNF 100x20-10-4 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 30 | 30 | 182,5 | 165 | SNF 100x20-10-5 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 30 | 30 | 182,5 | 165 | SNF 100x20-10-6 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 30 | 30 | 192,5 | 175 | SNF 100x20-13-3 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 30 | 30 | 192,5 | 175 | SNF 100x20-13-4 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 30 | 30 | 192,5 | 175 | SNF 100x20-13-5 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 30 | 30 | 192,5 | 175 | SNF 100x20-13-6 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 30 | 30 | 182,5 | 165 | SNF 100x25-10-3 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 30 | 30 | 182,5 | 165 | SNF 100x25-10-4 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 30 | 30 | 182,5 | 165 | SNF 100x25-10-5 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 30 | 30 | 182,5 | 165 | SNF 100x25-10-6 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 30 | 30 | 192,5 | 175 | SNF 100x25-13-3 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 30 | 30 | 192,5 | 175 | SNF 100x25-13-4 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 30 | 30 | 192,5 | 175 | SNF 100x25-13-5 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 30 | 30 | 192,5 | 175 | SNF 100x25-13-6 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 30 | 30 | 202,5 | 185 | SNF 100x25-16-3 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 30 | 30 | 202,5 | 185 | SNF 100x25-16-4 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 30 | 30 | 202,5 | 185 | SNF 100x25-16-5 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 30 | 30 | 202,5 | 185 | SNF 100x25-16-6 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 30 | 35 | 182,5 | 165 | SNF 100x30-10-2 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 35 | 35 | 182,5 | 165 | SNF 100x30-10-3 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 35 | 35 | 182,5 | 165 | SNF 100x30-10-5 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 35 | 35 | 192,5 | 175 | SNF 100x30-13-2 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 35 | 35 | 192,5 | 175 | SNF 100x30-13-3 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 35 | 35 | 192,5 | 175 | SNF 100x30-13-5 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 35 | 35 | 202,5 | 185 | SNF 100x30-16-2 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 35 | 35 | 202,5 | 185 | SNF 100x30-16-3 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 35 | 35 | 202,5 | 185 | SNF 100x30-16-5 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 40 | 40 | 182,5 | 165 | SNF 100x40-10-3 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 40 | 40 | 182,5 | 165 | SNF 100x40-10-4 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 40 | 40 | 192,5 | 175 | SNF 100x40-13-3 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 40 | 40 | 192,5 | 175 | SNF 100x40-13-4 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 40 | 40 | 202,5 | 185 | SNF 100x40-16-3 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 40 | 40 | 202,5 | 185 | SNF 100x40-16-4 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 40 | 40 | 182,5 | 165 | SNF 100x50-10-2 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 40 | 40 | 182,5 | 165 | SNF 100x50-10-3 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 40 | 40 | 192,5 | 175 | SNF 100x50-13-2 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 40 | 40 | 192,5 | 175 | SNF 100x50-13-3 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 40 | 40 | 202,5 | 185 | SNF 100x50-16-2 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 40 | 40 | 202,5 | 185 | SNF 100x50-16-3 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 40 | 40 | 182,5 | 165 | SNF 100x60-10-2 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 40 | 40 | 182,5 | 165 | SNF 100x60-10-3 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 40 | 40 | 192,5 | 175 | SNF 100x60-13-2 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 40 | 40 | 192,5 | 175 | SNF 100x60-13-3 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 40 | 40 | 202,5 | 185 | SNF 100x60-16-2 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 40 | 40 | 202,5 | 185 | SNF 100x60-16-3 -A |

單螺帽  
法蘭式

## 軸向迴珠器

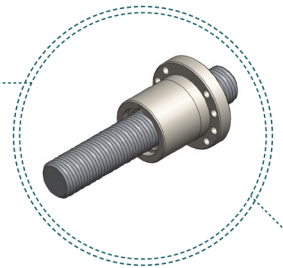


| 代碼                 | d   | p  | 滾珠直徑   | Nc | LT   | Coa       | Ca      |
|--------------------|-----|----|--------|----|------|-----------|---------|
|                    |     |    |        |    | ±0,1 | N         | N       |
| SNF 120x20-13-4 -A | 120 | 20 | 12,7   | 4  | 160  | 848.971   | 260.080 |
| SNF 120x20-13-6 -A |     |    |        | 6  | 200  | 1.288.725 | 372.389 |
| SNF 120x25-13-4 -A |     | 25 | 12,7   | 4  | 190  | 848.345   | 260.080 |
| SNF 120x25-13-6 -A |     |    |        | 6  | 240  | 1.287.775 | 372.389 |
| SNF 120x25-16-4 -A |     | 25 | 15,825 | 4  | 210  | 1.050.491 | 352.062 |
| SNF 120x25-16-6 -A |     |    |        | 6  | 260  | 1.594.630 | 504.092 |
| SNF 120x30-13-2 -A |     | 30 | 12,7   | 2  | 160  | 408.546   | 138.848 |
| SNF 120x30-13-5 -A |     |    |        | 5  | 220  | 1.067.099 | 317.049 |
| SNF 120x30-16-2 -A |     |    | 15,825 | 2  | 170  | 505.903   | 187.954 |
| SNF 120x30-16-5 -A |     |    |        | 5  | 260  | 1.321.390 | 429.180 |
| SNF 120x30-20-2 -A |     | 30 | 19,05  | 2  | 190  | 601.385   | 239.391 |
| SNF 120x30-20-5 -A |     |    |        | 5  | 280  | 1.570.782 | 546.634 |
| SNF 120x40-13-3 -A |     | 40 | 12,7   | 3  | 210  | 626.631   | 200.981 |
| SNF 120x40-13-4 -A |     |    |        | 4  | 250  | 845.648   | 260.080 |
| SNF 120x40-16-3 -A |     |    | 15,825 | 3  | 230  | 775.986   | 272.061 |
| SNF 120x40-16-4 -A |     |    |        | 4  | 270  | 1.047.204 | 352.062 |
| SNF 120x40-20-3 -A |     | 40 | 19,05  | 3  | 250  | 922.474   | 346.516 |
| SNF 120x40-20-4 -A |     |    |        | 4  | 290  | 1.244.892 | 448.411 |
| SNF 120x50-13-2 -A |     | 50 | 12,7   | 2  | 190  | 406.425   | 138.848 |
| SNF 120x50-13-3 -A |     |    |        | 3  | 240  | 624.803   | 200.981 |
| SNF 120x50-16-2 -A |     |    | 15,825 | 2  | 220  | 503.318   | 187.954 |
| SNF 120x50-16-3 -A |     |    |        | 3  | 270  | 773.758   | 272.061 |
| SNF 120x50-20-2 -A |     | 50 | 19,05  | 2  | 250  | 598.360   | 239.391 |
| SNF 120x50-20-3 -A |     |    |        | 3  | 300  | 919.867   | 346.516 |
| SNF 120x60-13-2 -A |     | 60 | 12,7   | 2  | 230  | 418.486   | 141.916 |
| SNF 120x60-13-3 -A |     |    |        | 3  | 290  | 643.344   | 205.422 |
| SNF 120x60-16-2 -A |     |    | 15,825 | 2  | 250  | 522.462   | 193.139 |
| SNF 120x60-16-3 -A |     |    |        | 3  | 310  | 803.188   | 279.567 |
| SNF 120x60-20-2 -A |     | 60 | 19,05  | 2  | 270  | 626.122   | 247.306 |
| SNF 120x60-20-3 -A |     |    |        | 3  | 330  | 962.545   | 357.973 |
| SNF 125x20-13-4 -A | 125 | 20 | 12,7   | 4  | 170  | 878.681   | 263.248 |
| SNF 125x20-13-6 -A |     |    |        | 6  | 210  | 1.333.826 | 376.925 |
| SNF 125x25-13-4 -A |     | 25 | 12,7   | 4  | 200  | 878.082   | 263.248 |
| SNF 125x25-13-6 -A |     |    |        | 6  | 250  | 1.332.917 | 376.925 |
| SNF 125x25-16-4 -A |     | 25 | 15,825 | 4  | 220  | 1.096.499 | 358.668 |
| SNF 125x25-16-6 -A |     |    |        | 6  | 270  | 1.664.470 | 513.550 |
| SNF 125x30-13-2 -A |     | 30 | 12,7   | 2  | 180  | 436.538   | 143.545 |
| SNF 125x30-13-5 -A |     |    |        | 5  | 270  | 1.140.212 | 327.776 |
| SNF 125x30-16-2 -A |     |    | 15,825 | 2  | 200  | 528.095   | 191.480 |
| SNF 125x30-16-5 -A |     |    |        | 5  | 290  | 1.379.354 | 437.233 |
| SNF 125x30-20-2 -A |     | 30 | 19,05  | 2  | 220  | 633.028   | 245.491 |
| SNF 125x30-20-5 -A |     |    |        | 5  | 300  | 1.653.431 | 560.561 |
| SNF 125x40-13-3 -A |     | 40 | 12,7   | 3  | 250  | 669.680   | 207.780 |
| SNF 125x40-13-4 -A |     |    |        | 4  | 290  | 903.743   | 268.879 |
| SNF 125x40-16-3 -A |     |    | 15,825 | 3  | 270  | 810.162   | 277.166 |
| SNF 125x40-16-4 -A |     |    |        | 4  | 310  | 1.093.325 | 358.668 |
| SNF 125x40-20-3 -A |     | 40 | 19,05  | 3  | 290  | 971.171   | 355.345 |
| SNF 125x40-20-4 -A |     |    |        | 4  | 330  | 1.310.609 | 459.836 |
| SNF 125x50-13-2 -A |     | 50 | 12,7   | 2  | 220  | 434.442   | 143.545 |
| SNF 125x50-13-3 -A |     |    |        | 3  | 270  | 667.873   | 207.780 |
| SNF 125x50-16-2 -A |     |    | 15,825 | 2  | 230  | 525.598   | 191.480 |
| SNF 125x50-16-3 -A |     |    |        | 3  | 280  | 808.008   | 277.166 |
| SNF 125x50-20-2 -A |     | 50 | 19,05  | 2  | 240  | 630.079   | 245.491 |
| SNF 125x50-20-3 -A |     |    |        | 3  | 290  | 968.629   | 355.345 |
| SNF 125x60-13-2 -A |     | 60 | 12,7   | 2  | 220  | 433.018   | 143.545 |
| SNF 125x60-13-3 -A |     |    |        | 3  | 280  | 665.685   | 207.780 |
| SNF 125x60-16-2 -A |     |    | 15,825 | 2  | 240  | 544.857   | 196.553 |
| SNF 125x60-16-3 -A |     |    |        | 3  | 300  | 837.616   | 284.509 |
| SNF 125x60-20-2 -A |     | 60 | 19,05  | 2  | 260  | 628.075   | 245.491 |
| SNF 125x60-20-3 -A |     |    |        | 3  | 320  | 965.548   | 355.345 |

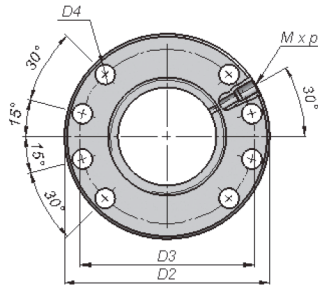
Ca:動態負載

Coa:靜態負載

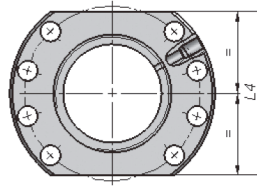
Nc:回轉圈數



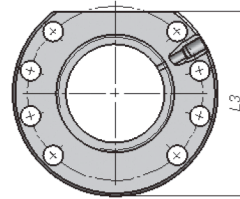
法蘭形式 A



法蘭形式 B



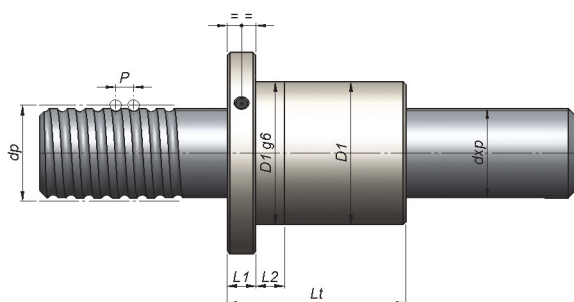
法蘭形式 C



| D1g6 | D2<br>h13 | D3<br>±0,1 | D4<br>H13 | 孔數 | MXP  | L1 | L2<br>+2 | L3<br>h13 | L4<br>h13 | 代碼                 |
|------|-----------|------------|-----------|----|------|----|----------|-----------|-----------|--------------------|
| 180  | 230       | 205        | 17,5      | 8  | M8x1 | 35 | 35       | 212,5     | 195       | SNF 120x20-13-4 -A |
| 180  | 230       | 205        | 17,5      | 8  | M8x1 | 35 | 35       | 212,5     | 195       | SNF 120x20-13-6 -A |
| 180  | 230       | 205        | 17,5      | 8  | M8x1 | 35 | 35       | 212,5     | 195       | SNF 120x25-13-4 -A |
| 180  | 230       | 205        | 17,5      | 8  | M8x1 | 35 | 35       | 212,5     | 195       | SNF 120x25-13-6 -A |
| 190  | 240       | 215        | 17,5      | 8  | M8x1 | 35 | 35       | 222,5     | 205       | SNF 120x25-16-4 -A |
| 190  | 240       | 215        | 17,5      | 8  | M8x1 | 35 | 35       | 222,5     | 205       | SNF 120x25-16-6 -A |
| 180  | 230       | 205        | 17,5      | 8  | M8x1 | 35 | 35       | 212,5     | 195       | SNF 120x30-13-2 -A |
| 180  | 230       | 205        | 17,5      | 8  | M8x1 | 35 | 35       | 212,5     | 195       | SNF 120x30-13-5 -A |
| 190  | 240       | 215        | 17,5      | 8  | M8x1 | 35 | 35       | 222,5     | 205       | SNF 120x30-16-2 -A |
| 190  | 240       | 215        | 17,5      | 8  | M8x1 | 35 | 35       | 222,5     | 205       | SNF 120x30-16-5 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1 | 35 | 35       | 232,5     | 215       | SNF 120x30-20-2 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1 | 35 | 35       | 232,5     | 215       | SNF 120x30-20-5 -A |
| 180  | 230       | 205        | 17,5      | 8  | M8x1 | 40 | 40       | 212,5     | 195       | SNF 120x40-13-3 -A |
| 180  | 230       | 205        | 17,5      | 8  | M8x1 | 40 | 40       | 212,5     | 195       | SNF 120x40-13-4 -A |
| 190  | 240       | 215        | 17,5      | 8  | M8x1 | 40 | 40       | 222,5     | 205       | SNF 120x40-16-3 -A |
| 190  | 240       | 215        | 17,5      | 8  | M8x1 | 40 | 40       | 222,5     | 205       | SNF 120x40-16-4 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1 | 40 | 40       | 232,5     | 215       | SNF 120x40-20-3 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1 | 40 | 40       | 232,5     | 215       | SNF 120x40-20-4 -A |
| 180  | 230       | 205        | 17,5      | 8  | M8x1 | 40 | 40       | 212,5     | 195       | SNF 120x50-13-2 -A |
| 180  | 230       | 205        | 17,5      | 8  | M8x1 | 40 | 40       | 212,5     | 195       | SNF 120x50-13-3 -A |
| 190  | 240       | 215        | 17,5      | 8  | M8x1 | 40 | 40       | 222,5     | 205       | SNF 120x50-16-2 -A |
| 190  | 240       | 215        | 17,5      | 8  | M8x1 | 40 | 40       | 222,5     | 205       | SNF 120x50-16-3 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1 | 40 | 40       | 232,5     | 215       | SNF 120x50-20-2 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1 | 40 | 40       | 232,5     | 215       | SNF 120x50-20-3 -A |
| 180  | 230       | 205        | 17,5      | 8  | M8x1 | 40 | 40       | 212,5     | 195       | SNF 120x60-13-2 -A |
| 180  | 230       | 205        | 17,5      | 8  | M8x1 | 40 | 40       | 212,5     | 195       | SNF 120x60-13-3 -A |
| 190  | 240       | 215        | 17,5      | 8  | M8x1 | 40 | 40       | 222,5     | 205       | SNF 120x60-16-2 -A |
| 190  | 240       | 215        | 17,5      | 8  | M8x1 | 40 | 40       | 222,5     | 205       | SNF 120x60-16-3 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1 | 40 | 40       | 232,5     | 215       | SNF 120x60-20-2 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1 | 40 | 40       | 232,5     | 215       | SNF 120x60-20-3 -A |
| 185  | 235       | 210        | 17,5      | 8  | M8x1 | 35 | 35       | 217,5     | 200       | SNF 125x20-13-4 -A |
| 185  | 235       | 210        | 17,5      | 8  | M8x1 | 35 | 35       | 217,5     | 200       | SNF 125x20-13-6 -A |
| 185  | 235       | 210        | 17,5      | 8  | M8x1 | 35 | 35       | 217,5     | 200       | SNF 125x25-13-4 -A |
| 185  | 235       | 210        | 17,5      | 8  | M8x1 | 35 | 35       | 217,5     | 200       | SNF 125x25-13-6 -A |
| 195  | 245       | 220        | 17,5      | 8  | M8x1 | 35 | 35       | 227,5     | 210       | SNF 125x25-16-4 -A |
| 195  | 245       | 220        | 17,5      | 8  | M8x1 | 35 | 35       | 227,5     | 210       | SNF 125x25-16-6 -A |
| 185  | 235       | 210        | 17,5      | 8  | M8x1 | 35 | 35       | 217,5     | 200       | SNF 125x30-13-2 -A |
| 185  | 235       | 210        | 17,5      | 8  | M8x1 | 35 | 35       | 217,5     | 200       | SNF 125x30-13-5 -A |
| 195  | 245       | 220        | 17,5      | 8  | M8x1 | 35 | 35       | 227,5     | 210       | SNF 125x30-16-2 -A |
| 195  | 245       | 220        | 17,5      | 8  | M8x1 | 35 | 35       | 227,5     | 210       | SNF 125x30-16-5 -A |
| 205  | 255       | 230        | 17,5      | 8  | M8x1 | 35 | 35       | 237,5     | 220       | SNF 125x30-20-2 -A |
| 205  | 255       | 230        | 17,5      | 8  | M8x1 | 35 | 35       | 237,5     | 220       | SNF 125x30-20-5 -A |
| 185  | 235       | 210        | 17,5      | 8  | M8x1 | 40 | 40       | 217,5     | 200       | SNF 125x40-13-3 -A |
| 185  | 235       | 210        | 17,5      | 8  | M8x1 | 40 | 40       | 217,5     | 200       | SNF 125x40-13-4 -A |
| 195  | 245       | 220        | 17,5      | 8  | M8x1 | 40 | 40       | 227,5     | 210       | SNF 125x40-16-3 -A |
| 195  | 245       | 220        | 17,5      | 8  | M8x1 | 40 | 40       | 227,5     | 210       | SNF 125x40-16-4 -A |
| 205  | 255       | 230        | 17,5      | 8  | M8x1 | 40 | 40       | 237,5     | 220       | SNF 125x40-20-3 -A |
| 205  | 255       | 230        | 17,5      | 8  | M8x1 | 40 | 40       | 237,5     | 220       | SNF 125x40-20-4 -A |
| 185  | 235       | 210        | 17,5      | 8  | M8x1 | 40 | 40       | 217,5     | 200       | SNF 125x50-13-2 -A |
| 185  | 235       | 210        | 17,5      | 8  | M8x1 | 40 | 40       | 217,5     | 200       | SNF 125x50-13-3 -A |
| 195  | 245       | 220        | 17,5      | 8  | M8x1 | 40 | 40       | 227,5     | 210       | SNF 125x50-16-2 -A |
| 195  | 245       | 220        | 17,5      | 8  | M8x1 | 40 | 40       | 227,5     | 210       | SNF 125x50-16-3 -A |
| 205  | 255       | 230        | 17,5      | 8  | M8x1 | 40 | 40       | 237,5     | 220       | SNF 125x50-20-2 -A |
| 205  | 255       | 230        | 17,5      | 8  | M8x1 | 40 | 40       | 237,5     | 220       | SNF 125x50-20-3 -A |
| 185  | 235       | 210        | 17,5      | 8  | M8x1 | 40 | 40       | 217,5     | 200       | SNF 125x60-13-2 -A |
| 190  | 240       | 215        | 17,5      | 8  | M8x1 | 40 | 40       | 222,5     | 200       | SNF 125x60-13-3 -A |
| 190  | 240       | 215        | 17,5      | 8  | M8x1 | 40 | 40       | 222,5     | 205       | SNF 125x60-16-2 -A |
| 195  | 245       | 220        | 17,5      | 8  | M8x1 | 40 | 40       | 227,5     | 205       | SNF 125x60-16-3 -A |
| 205  | 255       | 230        | 17,5      | 8  | M8x1 | 40 | 40       | 237,5     | 220       | SNF 125x60-20-2 -A |
| 205  | 255       | 230        | 17,5      | 8  | M8x1 | 40 | 40       | 237,5     | 220       | SNF 125x60-20-3 -A |

單螺帽  
法蘭式

## 軸向迴珠器



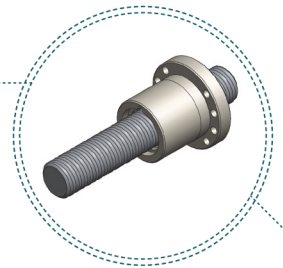
| 代碼                 | d   | p  | 滾珠直徑   | Nc | LT   | Coa       | Ca      |
|--------------------|-----|----|--------|----|------|-----------|---------|
|                    |     |    |        |    | ±0,1 | N         | N       |
| SNF 140x20-13-4 -A | 140 | 20 | 12,7   | 4  | 180  | 996.151   | 277.575 |
| SNF 140x20-13-6 -A |     |    |        | 6  | 220  | 1.512.143 | 397.440 |
| SNF 140x25-13-4 -A |     | 25 | 12,7   | 4  | 210  | 995.605   | 277.575 |
| SNF 140x25-13-6 -A |     |    |        | 6  | 260  | 1.511.315 | 397.440 |
| SNF 140x25-16-4 -A |     |    | 15,895 | 4  | 230  | 1.234.510 | 377.211 |
| SNF 140x25-16-6 -A |     |    |        | 6  | 280  | 1.873.968 | 540.100 |
| SNF 140x30-13-2 -A |     | 30 | 12,7   | 2  | 190  | 479.575   | 148.188 |
| SNF 140x30-13-5 -A |     |    |        | 5  | 280  | 1.252.623 | 338.377 |
| SNF 140x30-16-2 -A |     |    | 15,895 | 2  | 210  | 594.659   | 201.380 |
| SNF 140x30-16-5 -A |     |    |        | 5  | 300  | 1.553.214 | 459.837 |
| SNF 140x30-20-2 -A |     |    | 19,05  | 2  | 230  | 728.075   | 262.498 |
| SNF 140x30-20-5 -A |     |    |        | 5  | 320  | 1.901.689 | 599.396 |
| SNF 140x40-13-3 -A |     | 40 | 12,7   | 3  | 260  | 736.007   | 214.500 |
| SNF 140x40-13-4 -A |     |    |        | 4  | 300  | 993.253   | 277.575 |
| SNF 140x40-16-3 -A |     |    | 15,895 | 3  | 280  | 912.648   | 291.495 |
| SNF 140x40-16-4 -A |     |    |        | 4  | 320  | 1.233.696 | 377.211 |
| SNF 140x40-20-3 -A |     |    | 19,05  | 3  | 300  | 1.117.433 | 379.963 |
| SNF 140x40-20-4 -A |     |    |        | 4  | 340  | 1.507.992 | 491.693 |
| SNF 140x50-13-2 -A |     | 50 | 12,7   | 2  | 230  | 477.722   | 148.188 |
| SNF 140x50-13-3 -A |     |    |        | 3  | 280  | 734.409   | 214.500 |
| SNF 140x50-16-2 -A |     |    | 15,895 | 2  | 240  | 592.393   | 201.380 |
| SNF 140x50-16-3 -A |     |    |        | 3  | 290  | 910.693   | 291.495 |
| SNF 140x50-20-2 -A |     |    | 19,05  | 2  | 250  | 725.338   | 262.498 |
| SNF 140x50-20-3 -A |     |    |        | 3  | 300  | 1.115.071 | 379.963 |
| SNF 140x60-13-2 -A |     | 60 | 12,7   | 2  | 230  | 476.461   | 148.188 |
| SNF 140x60-13-3 -A |     |    |        | 3  | 290  | 732.470   | 214.500 |
| SNF 140x60-16-2 -A |     |    | 15,895 | 2  | 250  | 590.849   | 201.380 |
| SNF 140x60-16-3 -A |     |    |        | 3  | 310  | 908.321   | 291.495 |
| SNF 140x60-20-2 -A |     |    | 19,05  | 2  | 270  | 723.473   | 262.498 |
| SNF 140x60-20-3 -A |     |    |        | 3  | 330  | 1.112.205 | 379.963 |
| SNF 160x40-13-3 -A | 160 | 40 | 12,7   | 3  | 200  | 845.301   | 226.579 |
| SNF 160x40-13-4 -A |     |    |        | 4  | 240  | 1.140.746 | 293.205 |
| SNF 160x40-16-3 -A |     |    | 15,895 | 3  | 210  | 1.049.223 | 308.730 |
| SNF 160x40-16-4 -A |     |    |        | 4  | 250  | 1.415.942 | 399.513 |
| SNF 160x40-20-3 -A |     |    | 19,05  | 3  | 220  | 1.265.855 | 399.430 |
| SNF 160x40-20-4 -A |     |    |        | 4  | 260  | 1.708.290 | 516.885 |
| SNF 160x60-13-2 -A |     | 60 | 12,7   | 2  | 200  | 547.811   | 156.532 |
| SNF 160x60-13-3 -A |     |    |        | 3  | 260  | 842.157   | 226.579 |
| SNF 160x60-16-2 -A |     |    | 15,895 | 2  | 210  | 679.996   | 213.286 |
| SNF 160x60-16-3 -A |     |    |        | 3  | 270  | 1.045.367 | 308.730 |
| SNF 160x60-20-2 -A |     |    | 19,05  | 2  | 220  | 820.431   | 275.947 |
| SNF 160x60-20-3 -A |     |    |        | 3  | 280  | 1.261.259 | 399.430 |
| SNF 180x40-13-3 -A | 180 | 40 | 12,7   | 3  | 200  | 954.536   | 237.560 |
| SNF 180x40-13-4 -A |     |    |        | 4  | 240  | 1.288.161 | 307.416 |
| SNF 180x40-16-3 -A |     |    | 15,895 | 3  | 210  | 1.185.736 | 324.310 |
| SNF 180x40-16-4 -A |     |    |        | 4  | 250  | 1.600.168 | 419.675 |
| SNF 180x40-20-3 -A |     |    | 19,05  | 3  | 220  | 1.414.001 | 417.033 |
| SNF 180x40-20-4 -A |     |    |        | 4  | 260  | 1.908.215 | 539.664 |
| SNF 180x40-22-3 -A |     | 60 | 22,225 | 3  | 220  | 1.657.565 | 518.227 |
| SNF 180x40-22-4 -A |     |    |        | 4  | 260  | 2.236.908 | 670.614 |
| SNF 180x60-13-2 -A |     |    | 12,7   | 2  | 200  | 619.073   | 164.119 |
| SNF 180x60-13-3 -A |     |    |        | 3  | 260  | 951.709   | 237.560 |
| SNF 180x60-16-2 -A |     |    | 15,895 | 2  | 210  | 769.044   | 224.050 |
| SNF 180x60-16-3 -A |     |    |        | 3  | 270  | 1.182.261 | 324.310 |
| SNF 180x60-20-2 -A |     |    | 19,05  | 2  | 220  | 917.120   | 288.108 |
| SNF 180x60-20-3 -A |     |    |        | 3  | 280  | 1.409.901 | 417.033 |
| SNF 180x60-22-2 -A |     |    | 22,225 | 2  | 225  | 1.075.129 | 358.017 |
| SNF 180x60-22-3 -A |     |    |        | 3  | 285  | 1.652.810 | 518.227 |

Ca:動態負載

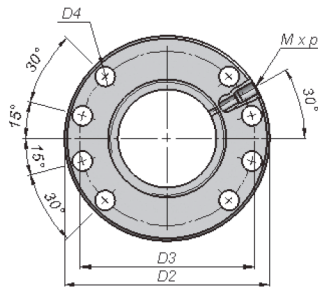
Coa:靜態負載

Nc:回轉圈數

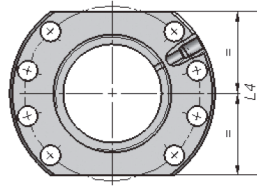




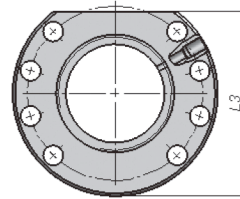
法蘭形式 A



法蘭形式 B



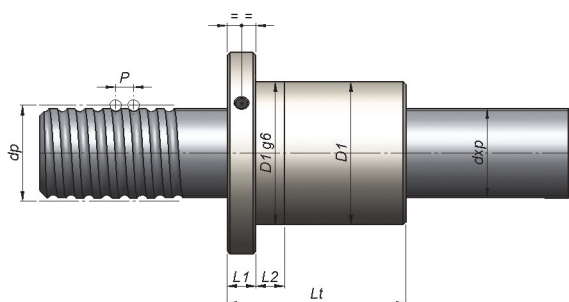
法蘭形式 C



| D1g6 | D2<br>h13 | D3<br>±0,1 | D4<br>H13 | 孔數 | MXP   | L1 | L2<br>+2 | L3<br>h13 | L4<br>h13 | 代碼                 |
|------|-----------|------------|-----------|----|-------|----|----------|-----------|-----------|--------------------|
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 35 | 35       | 232,5     | 215       | SNF 140x20-13-4 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 35 | 35       | 232,5     | 215       | SNF 140x20-13-6 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 35 | 35       | 232,5     | 215       | SNF 140x25-13-4 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 35 | 35       | 232,5     | 215       | SNF 140x25-13-6 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 35 | 35       | 242,5     | 225       | SNF 140x25-16-4 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 35 | 35       | 242,5     | 225       | SNF 140x25-16-6 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 35 | 35       | 232,5     | 215       | SNF 140x30-13-2 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 35 | 35       | 232,5     | 215       | SNF 140x30-13-5 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 35 | 35       | 242,5     | 225       | SNF 140x30-16-2 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 35 | 35       | 242,5     | 225       | SNF 140x30-16-5 -A |
| 220  | 270       | 245        | 22        | 8  | M8x1  | 35 | 35       | 252,5     | 235       | SNF 140x30-20-2 -A |
| 220  | 270       | 245        | 22        | 8  | M8x1  | 35 | 35       | 252,5     | 235       | SNF 140x30-20-5 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 40 | 40       | 232,5     | 215       | SNF 140x40-13-3 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 40 | 40       | 232,5     | 215       | SNF 140x40-13-4 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 40 | 40       | 242,5     | 225       | SNF 140x40-16-3 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 40 | 40       | 242,5     | 225       | SNF 140x40-16-4 -A |
| 220  | 270       | 245        | 22        | 8  | M8x1  | 40 | 40       | 252,5     | 235       | SNF 140x40-20-3 -A |
| 220  | 270       | 245        | 22        | 8  | M8x1  | 40 | 40       | 252,5     | 235       | SNF 140x40-20-4 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 40 | 40       | 232,5     | 215       | SNF 140x50-13-2 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 40 | 40       | 232,5     | 215       | SNF 140x50-13-3 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 40 | 40       | 242,5     | 225       | SNF 140x50-16-2 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 40 | 40       | 242,5     | 225       | SNF 140x50-16-3 -A |
| 220  | 270       | 245        | 22        | 8  | M8x1  | 40 | 40       | 252,5     | 235       | SNF 140x50-20-2 -A |
| 220  | 270       | 245        | 22        | 8  | M8x1  | 40 | 40       | 252,5     | 235       | SNF 140x50-20-3 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 40 | 40       | 232,5     | 215       | SNF 140x60-13-2 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 40 | 40       | 232,5     | 215       | SNF 140x60-13-3 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 40 | 40       | 242,5     | 225       | SNF 140x60-16-2 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 40 | 40       | 242,5     | 225       | SNF 140x60-16-3 -A |
| 220  | 270       | 245        | 22        | 8  | M8x1  | 40 | 40       | 252,5     | 235       | SNF 140x60-20-2 -A |
| 220  | 270       | 245        | 22        | 8  | M8x1  | 40 | 40       | 252,5     | 235       | SNF 140x60-20-3 -A |
| 220  | 270       | 245        | 22        | 8  | M10x1 | 40 | 40       | 252,5     | 235       | SNF 160x40-13-2 -A |
| 220  | 270       | 245        | 22        | 8  | M10x1 | 40 | 40       | 252,5     | 235       | SNF 160x40-13-4 -A |
| 230  | 280       | 255        | 22        | 8  | M10x1 | 40 | 40       | 262,5     | 245       | SNF 160x40-16-3 -A |
| 230  | 280       | 255        | 22        | 8  | M10x1 | 40 | 40       | 262,5     | 245       | SNF 160x40-16-4 -A |
| 240  | 290       | 265        | 22        | 8  | M10x1 | 40 | 40       | 272,5     | 255       | SNF 160x40-20-3 -A |
| 240  | 290       | 265        | 22        | 8  | M10x1 | 40 | 40       | 272,5     | 255       | SNF 160x40-20-4 -A |
| 220  | 270       | 245        | 22        | 8  | M10x1 | 40 | 40       | 252,5     | 235       | SNF 160x60-13-2 -A |
| 220  | 270       | 245        | 22        | 8  | M10x1 | 40 | 40       | 252,5     | 235       | SNF 160x60-13-3 -A |
| 230  | 280       | 255        | 22        | 8  | M10x1 | 40 | 40       | 262,5     | 245       | SNF 160x60-16-2 -A |
| 230  | 280       | 255        | 22        | 8  | M10x1 | 40 | 40       | 262,5     | 245       | SNF 160x60-16-3 -A |
| 240  | 290       | 265        | 22        | 8  | M10x1 | 40 | 40       | 272,5     | 255       | SNF 160x60-20-2 -A |
| 240  | 290       | 265        | 22        | 8  | M10x1 | 40 | 40       | 272,5     | 255       | SNF 160x60-20-3 -A |
| 240  | 290       | 265        | 22        | 8  | M10x1 | 40 | 40       | 272,5     | 255       | SNF 180x40-13-3 -A |
| 240  | 290       | 265        | 22        | 8  | M10x1 | 40 | 40       | 272,5     | 255       | SNF 180x40-13-4 -A |
| 250  | 300       | 275        | 22        | 8  | M10x1 | 40 | 40       | 282,5     | 265       | SNF 180x40-16-3 -A |
| 250  | 300       | 275        | 22        | 8  | M10x1 | 40 | 40       | 282,5     | 265       | SNF 180x40-16-4 -A |
| 260  | 310       | 285        | 22        | 8  | M10x1 | 40 | 40       | 292,5     | 275       | SNF 180x40-20-3 -A |
| 260  | 310       | 285        | 22        | 8  | M10x1 | 40 | 40       | 292,5     | 275       | SNF 180x40-20-4 -A |
| 270  | 320       | 295        | 22        | 8  | M10x1 | 40 | 40       | 302,5     | 285       | SNF 180x40-22-3 -A |
| 270  | 320       | 295        | 22        | 8  | M10x1 | 40 | 40       | 302,5     | 285       | SNF 180x40-22-4 -A |
| 240  | 290       | 265        | 22        | 8  | M10x1 | 40 | 40       | 272,5     | 255       | SNF 180x60-13-2 -A |
| 240  | 290       | 265        | 22        | 8  | M10x1 | 40 | 40       | 272,5     | 255       | SNF 180x60-13-3 -A |
| 250  | 300       | 275        | 22        | 8  | M10x1 | 40 | 40       | 282,5     | 265       | SNF 180x60-16-2 -A |
| 250  | 300       | 275        | 22        | 8  | M10x1 | 40 | 40       | 282,5     | 265       | SNF 180x60-16-3 -A |
| 260  | 310       | 285        | 22        | 8  | M10x1 | 40 | 40       | 292,5     | 275       | SNF 180x60-20-2 -A |
| 260  | 310       | 285        | 22        | 8  | M10x1 | 40 | 40       | 292,5     | 275       | SNF 180x60-20-3 -A |
| 270  | 320       | 295        | 22        | 8  | M10x1 | 40 | 40       | 302,5     | 285       | SNF 180x60-22-2 -A |
| 270  | 320       | 295        | 22        | 8  | M10x1 | 40 | 40       | 302,5     | 285       | SNF 180x60-22-3 -A |

單螺帽  
法蘭式

## 軸向迴珠器

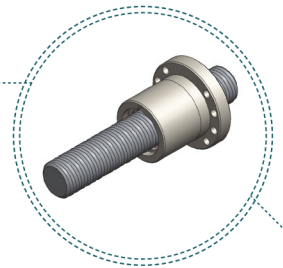


| 代碼                 | d   | p      | 滾珠直徑   | Nc  | LT        | Coa       | Ca      |
|--------------------|-----|--------|--------|-----|-----------|-----------|---------|
|                    |     |        |        |     | ±0,1      | N         | N       |
| SNF 200x40-13-3 -A | 200 | 40     | 12,7   | 3   | 205       | 1.063.729 | 247.675 |
| SNF 200x40-13-4 -A |     |        |        | 4   | 245       | 1.435.518 | 320.505 |
| SNF 200x40-16-3 -A |     |        | 15,895 | 3   | 215       | 1.322.202 | 338.594 |
| SNF 200x40-16-4 -A |     |        |        | 4   | 255       | 1.784.331 | 438.160 |
| SNF 200x40-20-3 -A |     |        | 19,05  | 3   | 225       | 1.609.282 | 441.902 |
| SNF 200x40-20-4 -A |     |        |        | 4   | 265       | 2.171.750 | 571.846 |
| SNF 200x40-22-3 -A |     | 22,225 | 3      | 230 | 1.857.778 | 544.298   |         |
| SNF 200x40-22-4 -A |     |        | 4      | 270 | 2.507.098 | 704.351   |         |
| SNF 200x60-13-2 -A |     | 60     | 12,7   | 2   | 205       | 690.270   | 171.106 |
| SNF 200x60-13-3 -A |     |        |        | 3   | 265       | 1.061.161 | 247.675 |
| SNF 200x60-16-2 -A |     |        | 15,895 | 2   | 215       | 858.017   | 233.918 |
| SNF 200x60-16-3 -A |     |        |        | 3   | 275       | 1.319.041 | 338.594 |
| SNF 200x60-20-2 -A |     |        | 19,05  | 2   | 220       | 1.044.336 | 305.289 |
| SNF 200x60-20-3 -A |     |        |        | 3   | 280       | 1.605.472 | 441.902 |
| SNF 200x60-22-2 -A |     | 22,225 | 2      | 225 | 1.205.623 | 376.028   |         |
| SNF 200x60-22-3 -A |     |        | 3      | 285 | 1.853.421 | 544.298   |         |
| SNF 220x40-13-3 -A | 220 | 40     | 12,7   | 3   | 210       | 1.172.891 | 257.083 |
| SNF 220x40-13-4 -A |     |        |        | 4   | 250       | 1.582.833 | 332.680 |
| SNF 220x40-16-3 -A |     |        | 15,895 | 3   | 220       | 1.458.634 | 351.834 |
| SNF 220x40-16-4 -A |     |        |        | 4   | 260       | 1.968.448 | 455.292 |
| SNF 220x40-20-3 -A |     |        | 19,05  | 3   | 230       | 1.757.251 | 456.465 |
| SNF 220x40-20-4 -A |     |        |        | 4   | 270       | 2.371.436 | 590.691 |
| SNF 220x40-22-3 -A |     | 22,225 | 3      | 235 | 2.058.013 | 568.248   |         |
| SNF 220x40-22-4 -A |     |        | 4      | 275 | 2.777.318 | 735.344   |         |
| SNF 220x60-13-2 -A |     | 60     | 12,7   | 2   | 220       | 761.419   | 177.606 |
| SNF 220x60-13-3 -A |     |        |        | 3   | 280       | 1.170.539 | 257.083 |
| SNF 220x60-16-2 -A |     |        | 15,895 | 2   | 230       | 946.935   | 243.064 |
| SNF 220x60-16-3 -A |     |        |        | 3   | 290       | 1.455.736 | 351.834 |
| SNF 220x60-20-2 -A |     |        | 19,05  | 2   | 210       | 1.140.814 | 315.349 |
| SNF 220x60-20-3 -A |     |        |        | 3   | 250       | 1.753.789 | 456.465 |
| SNF 220x60-22-2 -A |     | 22,225 | 2      | 235 | 1.336.093 | 392.575   |         |
| SNF 220x60-22-3 -A |     |        | 3      | 295 | 2.053.994 | 568.248   |         |
| SNF 240x40-13-3 -A | 240 | 40     | 12,7   | 3   | 230       | 1.282.028 | 265.903 |
| SNF 240x40-13-4 -A |     |        |        | 4   | 270       | 1.730.115 | 344.093 |
| SNF 240x40-16-3 -A |     |        | 15,895 | 3   | 235       | 1.595.040 | 364.208 |
| SNF 240x40-16-4 -A |     |        |        | 4   | 275       | 2.152.529 | 471.306 |
| SNF 240x40-20-3 -A |     |        | 19,05  | 3   | 230       | 1.905.084 | 470.132 |
| SNF 240x40-20-4 -A |     |        |        | 4   | 270       | 2.570.939 | 608.377 |
| SNF 240x40-22-3 -A |     | 22,225 | 3      | 240 | 2.193.742 | 579.165   |         |
| SNF 240x40-22-4 -A |     |        | 4      | 280 | 2.960.486 | 749.471   |         |
| SNF 240x60-13-2 -A |     | 60     | 12,7   | 2   | 225       | 832.530   | 183.699 |
| SNF 240x60-13-3 -A |     |        |        | 3   | 285       | 1.279.859 | 265.903 |
| SNF 240x60-16-2 -A |     |        | 15,895 | 2   | 235       | 1.035.809 | 251.614 |
| SNF 240x60-16-3 -A |     |        |        | 3   | 295       | 1.592.363 | 364.208 |
| SNF 240x60-20-2 -A |     |        | 19,05  | 2   | 215       | 1.237.167 | 324.791 |
| SNF 240x60-20-3 -A |     |        |        | 3   | 255       | 1.901.914 | 470.132 |
| SNF 240x60-22-2 -A |     | 22,225 | 2      | 240 | 1.466.542 | 407.924   |         |
| SNF 240x60-22-3 -A |     |        | 3      | 300 | 2.254.535 | 590.466   |         |

Ca:動態負載

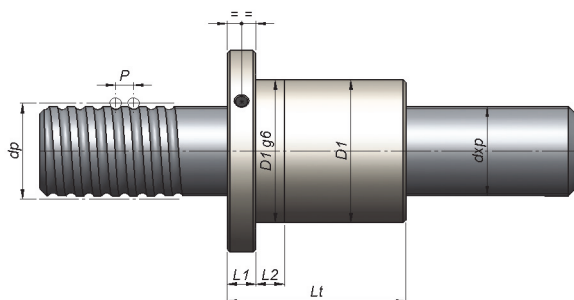
Coa:靜態負載

Nc:回轉圈數



單螺帽  
法蘭式

## 軸向迴珠器



| 代碼                 | d   | p  | 滾珠直徑   | Nc | LT   | Coa       | Ca      |
|--------------------|-----|----|--------|----|------|-----------|---------|
|                    |     |    |        |    | ±0,1 | N         | N       |
| SNF 260x40-13-3 -A | 260 | 40 | 12,7   | 3  | 215  | 1.391.145 | 274.223 |
| SNF 260x40-13-4 -A |     |    |        | 4  | 255  | 1.877.371 | 354.860 |
| SNF 260x40-16-3 -A |     |    | 15,895 | 3  | 225  | 1.731.424 | 375.854 |
| SNF 260x40-16-4 -A |     |    |        | 4  | 265  | 2.336.581 | 486.376 |
| SNF 260x40-20-3 -A |     |    | 19,05  | 3  | 235  | 2.052.814 | 483.045 |
| SNF 260x40-20-4 -A |     |    |        | 4  | 275  | 2.770.302 | 625.087 |
| SNF 260x40-22-3 -A |     | 60 | 22,225 | 3  | 240  | 2.393.827 | 600.468 |
| SNF 260x40-22-4 -A |     |    |        | 4  | 280  | 3.230.504 | 777.039 |
| SNF 260x60-13-2 -A |     |    | 12,7   | 2  | 230  | 903.611   | 189.447 |
| SNF 260x60-13-3 -A |     |    |        | 3  | 290  | 1.389.134 | 274.223 |
| SNF 260x60-16-2 -A |     |    | 15,895 | 2  | 240  | 1.124.649 | 259.659 |
| SNF 260x60-16-3 -A |     |    |        | 3  | 300  | 1.728.938 | 375.854 |
| SNF 260x60-20-2 -A |     | 60 | 19,05  | 2  | 220  | 1.333.423 | 333.712 |
| SNF 260x60-20-3 -A |     |    |        | 3  | 260  | 2.049.889 | 483.045 |
| SNF 260x60-22-2 -A |     |    | 22,225 | 2  | 245  | 1.554.948 | 414.834 |
| SNF 260x60-22-3 -A |     |    |        | 3  | 305  | 2.390.442 | 600.468 |
| SNF 280x40-13-3 -A | 280 | 40 | 12,7   | 3  | 230  | 1.500.248 | 282.112 |
| SNF 280x40-13-4 -A |     |    |        | 4  | 270  | 2.024.606 | 365.068 |
| SNF 280x40-16-3 -A |     |    | 15,895 | 3  | 240  | 1.867.791 | 386.875 |
| SNF 280x40-16-4 -A |     |    |        | 4  | 280  | 2.520.611 | 500.637 |
| SNF 280x40-20-3 -A |     |    | 19,05  | 3  | 250  | 2.248.297 | 502.466 |
| SNF 280x40-20-4 -A |     |    |        | 4  | 290  | 3.034.110 | 650.219 |
| SNF 280x40-22-3 -A |     | 60 | 22,225 | 3  | 255  | 2.593.946 | 620.488 |
| SNF 280x40-22-4 -A |     |    |        | 4  | 295  | 3.500.567 | 802.946 |
| SNF 280x60-13-2 -A |     |    | 12,7   | 2  | 240  | 974.669   | 194.897 |
| SNF 280x60-13-3 -A |     |    |        | 3  | 300  | 1.498.372 | 282.112 |
| SNF 280x60-16-2 -A |     |    | 15,895 | 2  | 250  | 1.213.462 | 267.273 |
| SNF 280x60-16-3 -A |     |    |        | 3  | 310  | 1.865.471 | 386.875 |
| SNF 280x60-20-2 -A |     | 60 | 19,05  | 2  | 230  | 1.460.681 | 347.129 |
| SNF 280x60-20-3 -A |     |    |        | 3  | 270  | 2.245.525 | 502.466 |
| SNF 280x60-22-2 -A |     |    | 22,225 | 2  | 255  | 1.685.258 | 428.665 |
| SNF 280x60-22-3 -A |     |    |        | 3  | 315  | 2.590.769 | 620.488 |
| SNF 300x40-13-3 -A | 300 | 40 | 12,7   | 3  | 250  | 1.609.338 | 289.624 |
| SNF 300x40-13-4 -A |     |    |        | 4  | 290  | 2.171.825 | 374.789 |
| SNF 300x40-16-3 -A |     |    | 15,895 | 3  | 255  | 2.004.144 | 397.352 |
| SNF 300x40-16-4 -A |     |    |        | 4  | 295  | 2.704.621 | 514.195 |
| SNF 300x40-20-3 -A |     |    | 19,05  | 3  | 250  | 2.395.963 | 513.895 |
| SNF 300x40-20-4 -A |     |    |        | 4  | 290  | 3.233.387 | 665.008 |
| SNF 300x40-22-3 -A |     | 60 | 22,225 | 3  | 260  | 2.794.090 | 639.407 |
| SNF 300x40-22-4 -A |     |    |        | 4  | 300  | 3.770.665 | 827.427 |
| SNF 300x60-13-2 -A |     |    | 12,7   | 2  | 245  | 1.045.708 | 200.087 |
| SNF 300x60-13-3 -A |     |    |        | 3  | 305  | 1.607.581 | 289.624 |
| SNF 300x60-16-2 -A |     |    | 15,895 | 2  | 255  | 1.302.252 | 274.511 |
| SNF 300x60-16-3 -A |     |    |        | 3  | 325  | 2.001.970 | 397.352 |
| SNF 300x60-20-2 -A |     | 60 | 19,05  | 2  | 235  | 1.556.859 | 355.025 |
| SNF 300x60-20-3 -A |     |    |        | 3  | 275  | 2.393.381 | 513.895 |
| SNF 300x60-22-2 -A |     |    | 22,225 | 2  | 260  | 1.815.569 | 441.735 |
| SNF 300x60-22-3 -A |     |    |        | 3  | 320  | 2.791.098 | 639.407 |

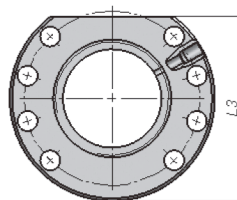
Ca:動態負載

Coa:靜態負載

Nc:回轉圈數



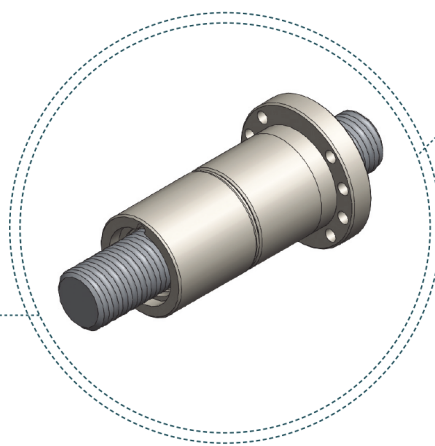
### 法蘭形式 C

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BSG - ZUAZO



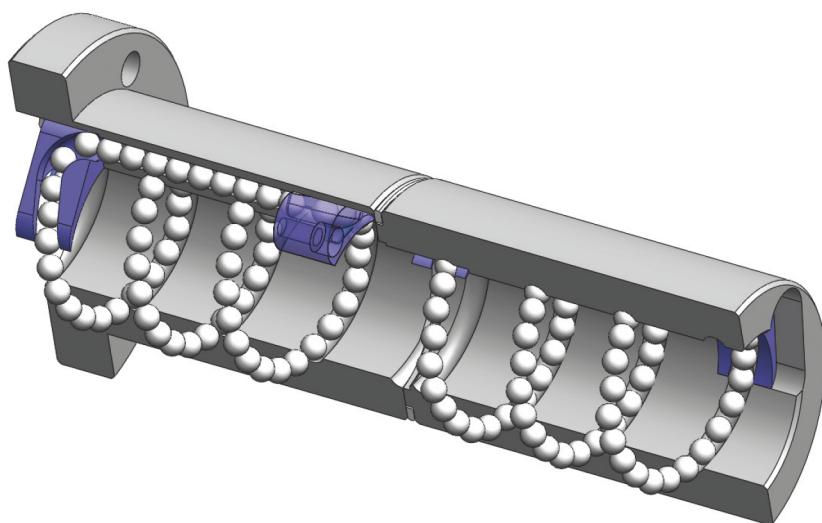
# 雙螺帽式 法蘭預壓



軸向迴珠器

DNF axial

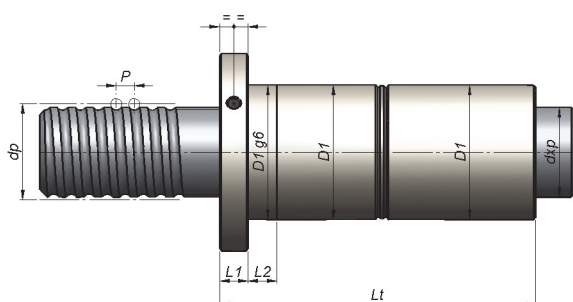
bsg  
ZUAZO





雙螺帽  
法蘭式

## 軸向迴珠器



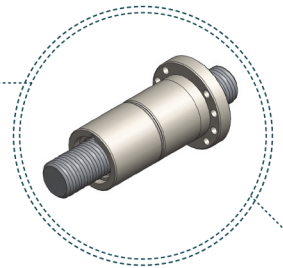
| 代碼                 | d  | P  | 滾珠直徑  | Nc | LT   | Coa     | Ca      |
|--------------------|----|----|-------|----|------|---------|---------|
|                    |    |    |       |    | ±0,1 | N       | N       |
| DNF 040x20-06-3 -A | 40 | 20 | 6,35  | 3  | 225  | 100.356 | 46.972  |
| DNF 040x20-06-4 -A |    |    |       | 4  | 265  | 135.433 | 60.785  |
| DNF 040x20-06-5 -A |    |    |       | 5  | 305  | 170.509 | 74.100  |
| DNF 040x20-06-6 -A |    |    |       | 6  | 345  | 205.585 | 87.033  |
| DNF 040x25-06-3 -A |    | 25 | 6,35  | 3  | 245  | 99.731  | 46.972  |
| DNF 040x25-06-4 -A |    |    |       | 4  | 295  | 134.589 | 60.785  |
| DNF 040x25-06-5 -A |    |    |       | 5  | 345  | 169.447 | 74.100  |
| DNF 040x25-06-6 -A |    |    |       | 6  | 395  | 204.304 | 87.033  |
| DNF 050x20-08-3 -A | 50 | 20 | 7,938 | 3  | 225  | 157.694 | 70.845  |
| DNF 050x20-08-4 -A |    |    |       | 4  | 265  | 212.811 | 91.677  |
| DNF 050x20-08-5 -A |    |    |       | 5  | 305  | 267.927 | 111.758 |
| DNF 050x20-08-6 -A |    |    |       | 6  | 345  | 323.044 | 131.265 |
| DNF 050x25-10-3 -A |    | 25 | 9,525 | 3  | 275  | 192.651 | 91.826  |
| DNF 050x25-10-4 -A |    |    |       | 4  | 325  | 259.985 | 118.828 |
| DNF 050x25-10-5 -A |    |    |       | 5  | 375  | 327.319 | 144.857 |
| DNF 050x25-10-6 -A |    |    |       | 6  | 425  | 394.654 | 170.141 |
| DNF 050x30-10-3 -A |    | 30 | 9,525 | 3  | 335  | 191.727 | 91.826  |
| DNF 050x30-10-4 -A |    |    |       | 4  | 395  | 258.738 | 118.828 |
| DNF 050x30-10-5 -A |    |    |       | 5  | 455  | 325.749 | 144.857 |
| DNF 050x30-10-6 -A |    |    |       | 6  | 515  | 392.760 | 170.141 |
| DNF 063x20-10-3 -A | 63 | 20 | 9,525 | 3  | 255  | 242.927 | 101.852 |
| DNF 063x20-10-4 -A |    |    |       | 4  | 295  | 327.834 | 131.803 |
| DNF 063x20-10-5 -A |    |    |       | 5  | 325  | 412.740 | 160.673 |
| DNF 063x20-10-6 -A |    |    |       | 6  | 365  | 497.647 | 188.718 |
| DNF 063x20-13-3 -A |    |    | 12,7  | 3  | 265  | 323.184 | 149.133 |
| DNF 063x20-13-4 -A |    |    |       | 4  | 285  | 436.142 | 192.987 |
| DNF 063x20-13-5 -A |    |    |       | 5  | 325  | 549.099 | 235.259 |
| DNF 063x20-13-6 -A |    |    |       | 6  | 365  | 662.057 | 276.323 |
| DNF 063x25-10-3 -A |    | 25 | 9,525 | 3  | 285  | 242.302 | 101.852 |
| DNF 063x25-10-4 -A |    |    |       | 4  | 335  | 326.990 | 131.803 |
| DNF 063x25-10-5 -A |    |    |       | 5  | 385  | 411.678 | 160.673 |
| DNF 063x25-10-6 -A |    |    |       | 6  | 435  | 496.366 | 188.718 |
| DNF 063x30-10-2 -A |    | 30 | 9,525 | 2  | 255  | 164.603 | 72.581  |
| DNF 063x30-10-3 -A |    |    |       | 3  | 315  | 253.046 | 105.061 |
| DNF 063x30-10-5 -A |    |    |       | 5  | 435  | 429.932 | 165.735 |
| DNF 063x30-13-2 -A |    |    | 12,7  | 2  | 265  | 209.064 | 103.029 |
| DNF 063x30-13-3 -A |    |    |       | 3  | 325  | 321.397 | 149.133 |
| DNF 063x30-13-5 -A |    |    |       | 5  | 425  | 546.063 | 235.259 |
| DNF 063x40-06-3 -A |    | 40 | 6,35  | 3  | 335  | 154.955 | 56.495  |
| DNF 063x40-06-4 -A |    |    |       | 4  | 415  | 209.114 | 73.108  |
| DNF 063x40-10-3 -A |    |    | 9,525 | 3  | 385  | 251.058 | 105.061 |
| DNF 063x40-10-4 -A |    |    |       | 4  | 465  | 338.806 | 135.954 |
| DNF 063x40-13-3 -A |    |    | 12,7  | 3  | 405  | 318.944 | 149.133 |
| DNF 063x40-13-4 -A |    |    |       | 4  | 485  | 430.420 | 192.987 |

Ca:動態負載

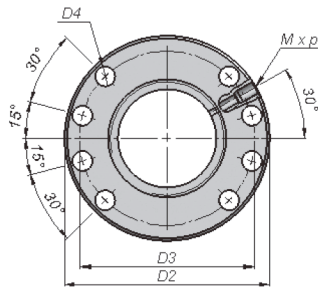
Coa:靜態負載

Nc:回轉圈數

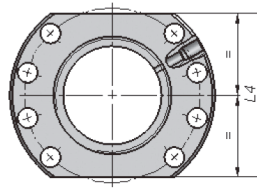




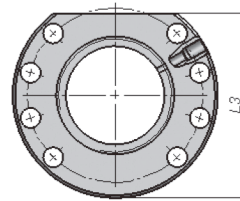
法蘭形式 A



法蘭形式 B



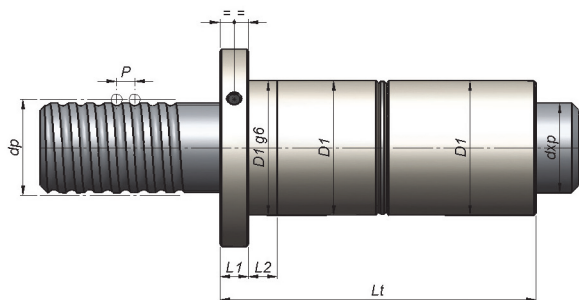
法蘭形式 C



| D1g6 | D2  | D3   | D4   | 孔數 | MXP  | L1 | L2 | L3    | L4  | 代碼                 |
|------|-----|------|------|----|------|----|----|-------|-----|--------------------|
|      | h13 | ±0,1 | H13  |    |      |    | +2 | h13   | h13 |                    |
| 75   | 115 | 95   | 9    | 8  | M8x1 | 18 | 18 | 92,5  | 75  | DNF 040x20-06-3 -A |
| 75   | 115 | 95   | 9    | 8  | M8x1 | 18 | 18 | 92,5  | 75  | DNF 040x20-06-4 -A |
| 75   | 115 | 95   | 9    | 8  | M8x1 | 18 | 18 | 92,5  | 75  | DNF 040x20-06-5 -A |
| 75   | 115 | 95   | 9    | 8  | M8x1 | 18 | 18 | 92,5  | 75  | DNF 040x20-06-6 -A |
| 75   | 115 | 95   | 9    | 8  | M8x1 | 18 | 18 | 92,5  | 75  | DNF 040x25-06-3 -A |
| 75   | 115 | 95   | 9    | 8  | M8x1 | 18 | 18 | 92,5  | 75  | DNF 040x25-06-4 -A |
| 75   | 115 | 95   | 9    | 8  | M8x1 | 18 | 18 | 92,5  | 75  | DNF 040x25-06-5 -A |
| 75   | 115 | 95   | 9    | 8  | M8x1 | 18 | 18 | 92,5  | 75  | DNF 040x25-06-6 -A |
| 85   | 125 | 105  | 11   | 8  | M8x1 | 25 | 25 | 107,5 | 90  | DNF 050x20-08-3 -A |
| 85   | 125 | 105  | 11   | 8  | M8x1 | 25 | 25 | 107,5 | 90  | DNF 050x20-08-4 -A |
| 85   | 125 | 105  | 11   | 8  | M8x1 | 25 | 25 | 107,5 | 90  | DNF 050x20-08-5 -A |
| 85   | 125 | 105  | 11   | 8  | M8x1 | 25 | 25 | 107,5 | 90  | DNF 050x20-08-6 -A |
| 95   | 135 | 115  | 11   | 8  | M8x1 | 25 | 25 | 117,5 | 100 | DNF 050x25-10-3 -A |
| 95   | 135 | 115  | 11   | 8  | M8x1 | 25 | 25 | 117,5 | 100 | DNF 050x25-10-4 -A |
| 95   | 135 | 115  | 11   | 8  | M8x1 | 25 | 25 | 117,5 | 100 | DNF 050x25-10-5 -A |
| 95   | 135 | 115  | 11   | 8  | M8x1 | 25 | 25 | 117,5 | 100 | DNF 050x25-10-6 -A |
| 95   | 135 | 115  | 11   | 8  | M8x1 | 25 | 25 | 117,5 | 100 | DNF 050x30-10-3 -A |
| 95   | 135 | 115  | 11   | 8  | M8x1 | 25 | 25 | 117,5 | 100 | DNF 050x30-10-4 -A |
| 95   | 135 | 115  | 11   | 8  | M8x1 | 25 | 25 | 117,5 | 100 | DNF 050x30-10-5 -A |
| 95   | 135 | 115  | 11   | 8  | M8x1 | 25 | 25 | 117,5 | 100 | DNF 050x30-10-6 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | DNF 063x20-10-3 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | DNF 063x20-10-4 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | DNF 063x20-10-5 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | DNF 063x20-10-6 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | DNF 063x20-13-3 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | DNF 063x20-13-4 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | DNF 063x20-13-5 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | DNF 063x20-13-6 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | DNF 063x25-10-3 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | DNF 063x25-10-4 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | DNF 063x25-10-5 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | DNF 063x25-10-6 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | DNF 063x30-10-2 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | DNF 063x30-10-3 -A |
| 105  | 145 | 125  | 13,5 | 8  | M8x1 | 30 | 30 | 127,5 | 110 | DNF 063x30-10-5 -A |
| 120  | 160 | 140  | 13,5 | 8  | M8x1 | 30 | 30 | 142,5 | 125 | DNF 063x30-13-2 -A |
| 120  | 160 | 140  | 13,5 | 8  | M8x1 | 30 | 30 | 142,5 | 125 | DNF 063x30-13-3 -A |
| 120  | 160 | 140  | 13,5 | 8  | M8x1 | 30 | 30 | 142,5 | 125 | DNF 063x30-13-5 -A |
| 95   | 135 | 115  | 13,5 | 8  | M8x1 | 35 | 35 | 117,5 | 100 | DNF 063x40-06-3 -A |
| 95   | 135 | 115  | 13,5 | 8  | M8x1 | 35 | 35 | 117,5 | 100 | DNF 063x40-06-4 -A |
| 110  | 150 | 130  | 13,5 | 8  | M8x1 | 35 | 35 | 132,5 | 115 | DNF 063x40-10-3 -A |
| 110  | 150 | 130  | 13,5 | 8  | M8x1 | 35 | 35 | 132,5 | 115 | DNF 063x40-10-4 -A |
| 120  | 160 | 140  | 13,5 | 8  | M8x1 | 35 | 35 | 142,5 | 125 | DNF 063x40-13-3 -A |
| 120  | 160 | 140  | 13,5 | 8  | M8x1 | 35 | 35 | 142,5 | 125 | DNF 063x40-13-4 -A |

雙螺帽  
法蘭式

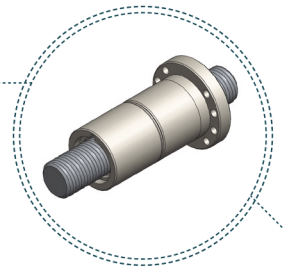
## 軸向迴珠器



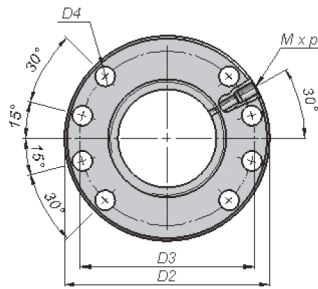
| 代碼                 | d  | p  | 滾珠直徑   | Nc  | LT        | Coa       | Ca      |
|--------------------|----|----|--------|-----|-----------|-----------|---------|
|                    |    |    |        |     | ±0,1      | N         | N       |
| DNF 080x20-10-3 -A | 80 | 20 | 9,525  | 3   | 265       | 316.473   | 114.671 |
| DNF 080x20-10-4 -A |    |    |        | 4   | 305       | 427.085   | 148.391 |
| DNF 080x20-10-5 -A |    |    |        | 5   | 345       | 537.697   | 180.895 |
| DNF 080x20-10-6 -A |    |    | 6      | 385 | 648.310   | 212.470   |         |
| DNF 080x20-13-3 -A |    |    | 12,7   | 3   | 285       | 410.907   | 166.983 |
| DNF 080x20-13-4 -A |    |    |        | 4   | 325       | 554.525   | 216.085 |
| DNF 080x20-13-5 -A |    | 5  |        | 365 | 698.143   | 263.418   |         |
| DNF 080x20-13-6 -A |    | 25 | 9,525  | 6   | 405       | 841.761   | 309.396 |
| DNF 080x25-10-3 -A |    |    |        | 3   | 305       | 315.955   | 114.671 |
| DNF 080x25-10-4 -A |    |    |        | 4   | 355       | 426.386   | 148.391 |
| DNF 080x25-10-5 -A |    |    |        | 5   | 405       | 536.817   | 180.895 |
| DNF 080x25-10-6 -A |    |    | 6      | 455 | 647.248   | 212.470   |         |
| DNF 080x25-13-3 -A |    |    | 12,7   | 3   | 325       | 410.250   | 166.983 |
| DNF 080x25-13-4 -A |    |    |        | 4   | 375       | 553.639   | 216.085 |
| DNF 080x25-13-5 -A |    |    |        | 5   | 425       | 697.027   | 263.418 |
| DNF 080x25-13-6 -A |    |    | 15,875 | 6   | 475       | 840.416   | 309.396 |
| DNF 080x25-16-3 -A |    |    |        | 3   | 345       | 505.601   | 222.461 |
| DNF 080x25-16-4 -A |    |    |        | 4   | 395       | 682.316   | 287.877 |
| DNF 080x25-16-5 -A |    |    |        | 5   | 445       | 859.031   | 350.935 |
| DNF 080x25-16-6 -A |    | 30 | 9,525  | 6   | 495       | 1.035.746 | 412.190 |
| DNF 080x30-10-3 -A |    |    |        | 3   | 345       | 315.326   | 114.671 |
| DNF 080x30-10-4 -A |    |    |        | 4   | 405       | 425.536   | 148.391 |
| DNF 080x30-10-5 -A |    |    |        | 5   | 465       | 535.747   | 180.895 |
| DNF 080x30-10-6 -A |    |    | 12,7   | 6   | 525       | 645.958   | 212.470 |
| DNF 080x30-13-3 -A |    |    |        | 3   | 365       | 409.452   | 166.983 |
| DNF 080x30-13-4 -A |    |    |        | 4   | 360       | 552.561   | 216.085 |
| DNF 080x30-13-5 -A |    |    |        | 5   | 485       | 695.670   | 263.418 |
| DNF 080x30-13-6 -A |    |    | 15,875 | 6   | 545       | 838.780   | 309.396 |
| DNF 080x30-16-3 -A |    |    |        | 3   | 385       | 504.640   | 222.461 |
| DNF 080x30-16-4 -A |    |    |        | 4   | 445       | 681.018   | 287.877 |
| DNF 080x30-16-5 -A |    |    |        | 5   | 505       | 857.397   | 350.935 |
| DNF 080x30-16-6 -A |    | 40 | 9,525  | 6   | 565       | 1.033.776 | 412.190 |
| DNF 080x40-10-3 -A |    |    |        | 3   | 405       | 313.739   | 114.671 |
| DNF 080x40-10-4 -A |    |    |        | 4   | 485       | 423.396   | 148.391 |
| DNF 080x40-10-5 -A |    |    |        | 5   | 565       | 533.052   | 180.895 |
| DNF 080x40-10-6 -A |    |    | 12,7   | 6   | 645       | 642.709   | 212.470 |
| DNF 080x40-13-3 -A |    |    |        | 3   | 335       | 427.812   | 172.504 |
| DNF 080x40-13-4 -A |    |    |        | 4   | 415       | 577.338   | 223.229 |
| DNF 080x40-13-5 -A |    |    |        | 5   | 495       | 726.865   | 272.127 |
| DNF 080x40-13-6 -A |    |    | 15,875 | 6   | 375       | 876.391   | 319.625 |
| DNF 080x40-16-3 -A |    |    |        | 3   | 445       | 533.605   | 231.636 |
| DNF 080x40-16-4 -A |    |    |        | 4   | 525       | 720.108   | 299.750 |
| DNF 080x40-16-5 -A |    |    |        | 5   | 605       | 906.611   | 365.409 |
| DNF 080x40-16-6 -A |    |    | 6      | 685 | 1.093.114 | 429.190   |         |

Ca:動態負載 Coa:靜態負載 Nc:回轉圈數

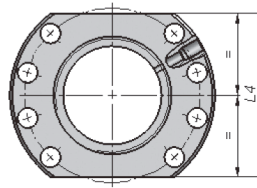




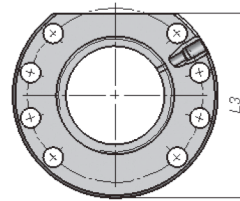
法蘭形式 A



法蘭形式 B



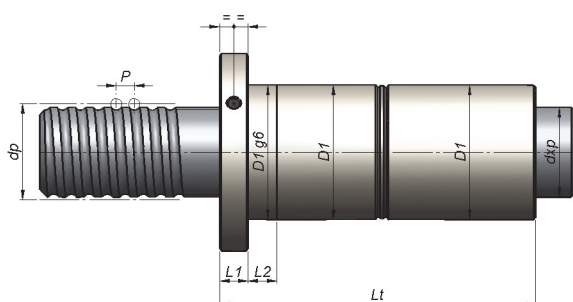
法蘭形式 C



| D1g6 | D2  | D3   | D4   | 孔數 | MXP  | L1 | L2 | L3    | L4  | 代碼                 |
|------|-----|------|------|----|------|----|----|-------|-----|--------------------|
|      | h13 | ±0,1 | H13  |    |      |    | +2 | h13   | h13 |                    |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 30 | 30 | 147,5 | 130 | DNF 080x20-10-3 -A |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 30 | 30 | 147,5 | 130 | DNF 080x20-10-4 -A |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 30 | 30 | 147,5 | 130 | DNF 080x20-10-5 -A |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 30 | 30 | 147,5 | 130 | DNF 080x20-10-6 -A |
| 130  | 170 | 150  | 13,5 | 8  | M8x1 | 30 | 30 | 152,5 | 135 | DNF 080x20-13-3 -A |
| 130  | 170 | 150  | 13,5 | 8  | M8x1 | 30 | 30 | 152,5 | 135 | DNF 080x20-13-4 -A |
| 130  | 170 | 150  | 13,5 | 8  | M8x1 | 30 | 30 | 152,5 | 135 | DNF 080x20-13-5 -A |
| 130  | 170 | 150  | 13,5 | 8  | M8x1 | 30 | 30 | 152,5 | 135 | DNF 080x20-13-6 -A |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 30 | 30 | 147,5 | 130 | DNF 080x25-10-3 -A |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 30 | 30 | 147,5 | 130 | DNF 080x25-10-4 -A |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 30 | 30 | 147,5 | 130 | DNF 080x25-10-5 -A |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 30 | 30 | 147,5 | 130 | DNF 080x25-10-6 -A |
| 130  | 170 | 150  | 13,5 | 8  | M8x1 | 30 | 30 | 152,5 | 135 | DNF 080x25-13-3 -A |
| 130  | 170 | 150  | 13,5 | 8  | M8x1 | 30 | 30 | 152,5 | 135 | DNF 080x25-13-4 -A |
| 130  | 170 | 150  | 13,5 | 8  | M8x1 | 30 | 30 | 152,5 | 135 | DNF 080x25-13-5 -A |
| 130  | 170 | 150  | 13,5 | 8  | M8x1 | 30 | 30 | 152,5 | 135 | DNF 080x25-13-6 -A |
| 150  | 190 | 170  | 13,5 | 8  | M8x1 | 35 | 35 | 172,5 | 155 | DNF 080x25-16-3 -A |
| 150  | 190 | 170  | 13,5 | 8  | M8x1 | 35 | 35 | 172,5 | 155 | DNF 080x25-16-4 -A |
| 150  | 190 | 170  | 13,5 | 8  | M8x1 | 35 | 35 | 172,5 | 155 | DNF 080x25-16-5 -A |
| 150  | 190 | 170  | 13,5 | 8  | M8x1 | 35 | 35 | 172,5 | 155 | DNF 080x25-16-6 -A |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 30 | 30 | 147,5 | 130 | DNF 080x30-10-3 -A |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 30 | 30 | 147,5 | 130 | DNF 080x30-10-4 -A |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 30 | 30 | 147,5 | 130 | DNF 080x30-10-5 -A |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 30 | 30 | 147,5 | 130 | DNF 080x30-10-6 -A |
| 130  | 170 | 150  | 13,5 | 8  | M8x1 | 30 | 30 | 152,5 | 135 | DNF 080x30-13-3 -A |
| 132  | 170 | 150  | 13,5 | 8  | M8x1 | 30 | 30 | 152,5 | 135 | DNF 080x30-13-4 -A |
| 130  | 170 | 150  | 13,5 | 8  | M8x1 | 30 | 30 | 152,5 | 135 | DNF 080x30-13-5 -A |
| 130  | 170 | 150  | 13,5 | 8  | M8x1 | 30 | 30 | 152,5 | 135 | DNF 080x30-13-6 -A |
| 150  | 190 | 170  | 13,5 | 8  | M8x1 | 35 | 35 | 172,5 | 155 | DNF 080x30-16-3 -A |
| 150  | 190 | 170  | 13,5 | 8  | M8x1 | 35 | 35 | 172,5 | 155 | DNF 080x30-16-4 -A |
| 150  | 190 | 170  | 13,5 | 8  | M8x1 | 35 | 35 | 172,5 | 155 | DNF 080x30-16-5 -A |
| 150  | 190 | 170  | 13,5 | 8  | M8x1 | 35 | 35 | 172,5 | 155 | DNF 080x30-16-6 -A |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 30 | 30 | 147,5 | 130 | DNF 080x40-10-3 -A |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 30 | 30 | 147,5 | 130 | DNF 080x40-10-4 -A |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 30 | 30 | 147,5 | 130 | DNF 080x40-10-5 -A |
| 125  | 165 | 145  | 13,5 | 8  | M8x1 | 30 | 30 | 147,5 | 130 | DNF 080x40-10-6 -A |
| 135  | 175 | 155  | 13,5 | 8  | M8x1 | 30 | 30 | 152,5 | 135 | DNF 080x40-13-3 -A |
| 135  | 175 | 155  | 13,5 | 8  | M8x1 | 30 | 30 | 152,5 | 135 | DNF 080x40-13-4 -A |
| 135  | 175 | 155  | 13,5 | 8  | M8x1 | 30 | 30 | 152,5 | 135 | DNF 080x40-13-5 -A |
| 135  | 175 | 155  | 13,5 | 8  | M8x1 | 30 | 30 | 152,5 | 135 | DNF 080x40-13-6 -A |
| 150  | 190 | 170  | 13,5 | 8  | M8x1 | 30 | 30 | 172,5 | 155 | DNF 080x40-16-3 -A |
| 150  | 190 | 170  | 13,5 | 8  | M8x1 | 35 | 35 | 172,5 | 155 | DNF 080x40-16-4 -A |
| 150  | 190 | 170  | 13,5 | 8  | M8x1 | 35 | 35 | 172,5 | 155 | DNF 080x40-16-5 -A |
| 150  | 190 | 170  | 13,5 | 8  | M8x1 | 35 | 35 | 172,5 | 155 | DNF 080x40-16-6 -A |

雙螺帽  
法蘭式

## 軸向迴珠器



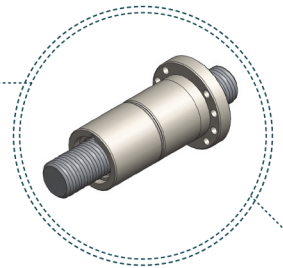
| 代碼                 | d   | P  | 滾珠直徑   | Nc | LT   | Coa       | Ca      |
|--------------------|-----|----|--------|----|------|-----------|---------|
|                    |     |    |        |    | ±0,1 | N         | N       |
| DNF 100x20-10-3 -A | 100 | 20 | 9,525  | 3  | 256  | 402.328   | 126.874 |
| DNF 100x20-10-4 -A |     |    |        | 4  | 276  | 542.948   | 164.182 |
| DNF 100x20-10-5 -A |     |    |        | 5  | 296  | 683.567   | 200.145 |
| DNF 100x20-10-6 -A |     |    |        | 6  | 316  | 824.187   | 235.080 |
| DNF 100x20-13-3 -A |     |    | 12,7   | 3  | 265  | 520.014   | 185.465 |
| DNF 100x20-13-4 -A |     |    |        | 4  | 305  | 701.766   | 240.001 |
| DNF 100x20-13-5 -A |     |    |        | 5  | 345  | 883.519   | 292.573 |
| DNF 100x20-13-6 -A |     |    |        | 6  | 385  | 1.065.271 | 343.640 |
| DNF 100x25-10-3 -A |     | 25 | 9,525  | 3  | 305  | 401.899   | 126.874 |
| DNF 100x25-10-4 -A |     |    |        | 4  | 355  | 542.369   | 164.182 |
| DNF 100x25-10-5 -A |     |    |        | 5  | 405  | 682.838   | 200.145 |
| DNF 100x25-10-6 -A |     |    |        | 6  | 455  | 823.308   | 235.080 |
| DNF 100x25-13-3 -A |     |    | 12,7   | 3  | 325  | 519.470   | 185.465 |
| DNF 100x25-13-4 -A |     |    |        | 4  | 375  | 701.032   | 240.001 |
| DNF 100x25-13-5 -A |     |    |        | 5  | 425  | 882.594   | 292.573 |
| DNF 100x25-13-6 -A |     |    |        | 6  | 475  | 1.064.156 | 343.640 |
| DNF 100x25-16-3 -A |     |    | 15,875 | 3  | 345  | 642.033   | 249.554 |
| DNF 100x25-16-4 -A |     |    |        | 4  | 395  | 866.432   | 322.937 |
| DNF 100x25-16-5 -A |     |    |        | 5  | 445  | 1.090.832 | 393.675 |
| DNF 100x25-16-6 -A |     |    |        | 6  | 495  | 1.315.232 | 462.390 |
| DNF 100x30-10-2 -A |     | 30 | 9,525  | 2  | 285  | 261.090   | 87.651  |
| DNF 100x30-10-3 -A |     |    |        | 3  | 345  | 401.376   | 126.874 |
| DNF 100x30-10-5 -A |     |    |        | 5  | 465  | 681.950   | 200.145 |
| DNF 100x30-13-2 -A |     |    | 12,7   | 2  | 305  | 337.476   | 128.128 |
| DNF 100x30-13-3 -A |     |    |        | 3  | 365  | 518.807   | 185.465 |
| DNF 100x30-13-5 -A |     |    |        | 5  | 405  | 881.468   | 292.573 |
| DNF 100x30-16-2 -A |     |    | 15,875 | 2  | 325  | 417.110   | 172.405 |
| DNF 100x30-16-3 -A |     |    |        | 3  | 385  | 641.229   | 249.554 |
| DNF 100x30-16-5 -A |     |    |        | 5  | 525  | 1.089.467 | 393.675 |
| DNF 100x40-10-3 -A |     | 40 | 9,525  | 3  | 405  | 400.055   | 126.874 |
| DNF 100x40-10-4 -A |     |    |        | 4  | 485  | 539.880   | 164.182 |
| DNF 100x40-13-3 -A |     |    | 12,7   | 3  | 425  | 517.132   | 185.465 |
| DNF 100x40-13-4 -A |     |    |        | 4  | 505  | 697.877   | 240.001 |
| DNF 100x40-16-3 -A |     |    | 15,875 | 3  | 445  | 639.197   | 249.554 |
| DNF 100x40-16-4 -A |     |    |        | 4  | 525  | 862.605   | 322.937 |
| DNF 100x50-10-2 -A |     | 50 | 9,525  | 2  | 365  | 259.138   | 87.651  |
| DNF 100x50-10-3 -A |     |    |        | 3  | 465  | 398.376   | 126.874 |
| DNF 100x50-13-2 -A |     |    | 12,7   | 2  | 405  | 348.401   | 131.523 |
| DNF 100x50-13-3 -A |     |    |        | 3  | 505  | 535.601   | 190.378 |
| DNF 100x50-16-2 -A |     |    | 15,875 | 2  | 445  | 434.812   | 178.105 |
| DNF 100x50-16-3 -A |     |    |        | 3  | 545  | 668.443   | 257.805 |
| DNF 100x60-10-2 -A |     | 60 | 9,525  | 2  | 445  | 257.821   | 87.651  |
| DNF 100x60-10-3 -A |     |    |        | 3  | 565  | 396.351   | 126.874 |
| DNF 100x60-13-2 -A |     |    | 12,7   | 2  | 485  | 346.663   | 131.523 |
| DNF 100x60-13-3 -A |     |    |        | 3  | 605  | 532.930   | 190.378 |
| DNF 100x60-16-2 -A |     |    | 15,875 | 2  | 545  | 432.684   | 178.105 |
| DNF 100x60-16-3 -A |     |    |        | 3  | 665  | 665.170   | 257.805 |

Ca:動態負載

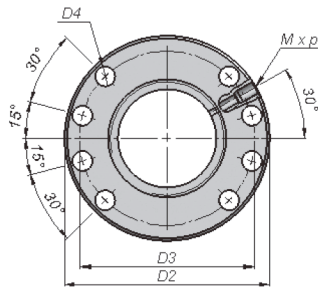
Coa:靜態負載

Nc:回轉圈數

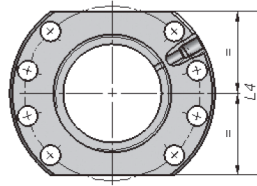




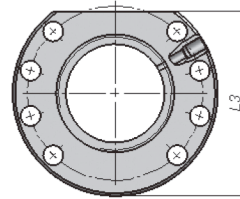
法蘭形式 A



法蘭形式 B



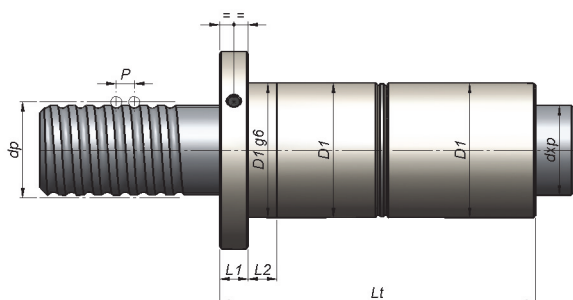
法蘭形式 C



| D1g6 | D2  | D3   | D4   | 孔數 | MXP  | L1 | L2 | L3    | L4  | 代碼                 |
|------|-----|------|------|----|------|----|----|-------|-----|--------------------|
|      | h13 | ±0,1 | H13  |    |      |    | +2 | h13   | h13 |                    |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 30 | 30 | 182,5 | 165 | DNF 100x20-10-3 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 30 | 30 | 182,5 | 165 | DNF 100x20-10-4 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 30 | 30 | 182,5 | 165 | DNF 100x20-10-5 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 30 | 30 | 182,5 | 165 | DNF 100x20-10-6 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 30 | 30 | 192,5 | 175 | DNF 100x20-13-3 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 30 | 30 | 192,5 | 175 | DNF 100x20-13-4 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 30 | 30 | 192,5 | 175 | DNF 100x20-13-5 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 30 | 30 | 192,5 | 175 | DNF 100x20-13-6 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 30 | 30 | 182,5 | 165 | DNF 100x25-10-3 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 30 | 30 | 182,5 | 165 | DNF 100x25-10-4 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 30 | 30 | 182,5 | 165 | DNF 100x25-10-5 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 30 | 30 | 182,5 | 165 | DNF 100x25-10-6 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 30 | 30 | 192,5 | 175 | DNF 100x25-13-3 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 30 | 30 | 192,5 | 175 | DNF 100x25-13-4 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 30 | 30 | 192,5 | 175 | DNF 100x25-13-5 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 30 | 30 | 192,5 | 175 | DNF 100x25-13-6 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 30 | 30 | 202,5 | 185 | DNF 100x25-16-3 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 30 | 30 | 202,5 | 185 | DNF 100x25-16-4 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 30 | 30 | 202,5 | 185 | DNF 100x25-16-5 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 30 | 30 | 202,5 | 185 | DNF 100x25-16-6 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 30 | 35 | 182,5 | 165 | DNF 100x30-10-2 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 35 | 35 | 182,5 | 165 | DNF 100x30-10-3 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 35 | 35 | 182,5 | 165 | DNF 100x30-10-5 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 35 | 35 | 192,5 | 175 | DNF 100x30-13-2 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 35 | 35 | 192,5 | 175 | DNF 100x30-13-3 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 35 | 35 | 192,5 | 175 | DNF 100x30-13-5 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 35 | 35 | 202,5 | 185 | DNF 100x30-16-2 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 35 | 35 | 202,5 | 185 | DNF 100x30-16-3 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 35 | 35 | 202,5 | 185 | DNF 100x30-16-5 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 40 | 40 | 182,5 | 165 | DNF 100x40-10-3 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 40 | 40 | 182,5 | 165 | DNF 100x40-10-4 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 40 | 40 | 192,5 | 175 | DNF 100x40-13-3 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 40 | 40 | 192,5 | 175 | DNF 100x40-13-4 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 40 | 40 | 202,5 | 185 | DNF 100x40-16-3 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 40 | 40 | 202,5 | 185 | DNF 100x40-16-4 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 40 | 40 | 182,5 | 165 | DNF 100x50-10-2 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 40 | 40 | 182,5 | 165 | DNF 100x50-10-3 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 40 | 40 | 192,5 | 175 | DNF 100x50-13-2 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 40 | 40 | 192,5 | 175 | DNF 100x50-13-3 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 40 | 40 | 202,5 | 185 | DNF 100x50-16-2 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 40 | 40 | 202,5 | 185 | DNF 100x50-16-3 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 40 | 40 | 182,5 | 165 | DNF 100x60-10-2 -A |
| 150  | 200 | 175  | 17,5 | 8  | M8x1 | 40 | 40 | 182,5 | 165 | DNF 100x60-10-3 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 40 | 40 | 192,5 | 175 | DNF 100x60-13-2 -A |
| 160  | 210 | 185  | 17,5 | 8  | M8x1 | 40 | 40 | 192,5 | 175 | DNF 100x60-13-3 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 40 | 40 | 202,5 | 185 | DNF 100x60-16-2 -A |
| 170  | 220 | 195  | 17,5 | 8  | M8x1 | 40 | 40 | 202,5 | 185 | DNF 100x60-16-3 -A |

雙螺帽  
法蘭式

## 軸向迴珠器

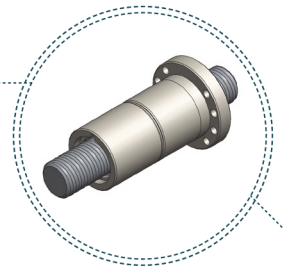


| 代碼                 | d   | p  | 滾珠直徑   | Nc | LT   | Coa       | Ca      |
|--------------------|-----|----|--------|----|------|-----------|---------|
|                    |     |    |        |    | ±0,1 | N         | N       |
| DNF 120x20-13-4 -A | 120 | 20 | 12,7   | 4  | 325  | 848.971   | 260.080 |
| DNF 120x20-13-6 -A |     |    |        | 6  | 405  | 1.288.725 | 372.389 |
| DNF 120x25-13-4 -A |     | 25 | 12,7   | 4  | 385  | 848.345   | 260.080 |
| DNF 120x25-13-6 -A |     |    |        | 6  | 485  | 1.287.775 | 372.389 |
| DNF 120x25-16-4 -A |     | 25 | 15,825 | 4  | 425  | 1.050.491 | 352.062 |
| DNF 120x25-16-6 -A |     |    |        | 6  | 525  | 1.594.630 | 504.092 |
| DNF 120x30-13-2 -A |     | 30 | 12,7   | 2  | 325  | 408.546   | 138.848 |
| DNF 120x30-13-5 -A |     |    |        | 5  | 445  | 1.067.099 | 317.049 |
| DNF 120x30-16-2 -A |     |    | 15,825 | 2  | 345  | 505.903   | 187.954 |
| DNF 120x30-16-5 -A |     |    |        | 5  | 525  | 1.321.390 | 429.180 |
| DNF 120x30-20-2 -A |     | 30 | 19,05  | 2  | 385  | 601.385   | 239.391 |
| DNF 120x30-20-5 -A |     |    |        | 5  | 565  | 1.570.782 | 546.634 |
| DNF 120x40-13-3 -A |     | 40 | 12,7   | 3  | 425  | 626.631   | 200.981 |
| DNF 120x40-13-4 -A |     |    |        | 4  | 505  | 845.648   | 260.080 |
| DNF 120x40-16-3 -A |     |    | 15,825 | 3  | 465  | 775.986   | 272.061 |
| DNF 120x40-16-4 -A |     |    |        | 4  | 545  | 1.047.204 | 352.062 |
| DNF 120x40-20-3 -A |     | 40 | 19,05  | 3  | 505  | 922.474   | 346.516 |
| DNF 120x40-20-4 -A |     |    |        | 4  | 585  | 1.244.892 | 448.411 |
| DNF 120x50-13-2 -A |     | 50 | 12,7   | 2  | 385  | 406.425   | 138.848 |
| DNF 120x50-13-3 -A |     |    |        | 3  | 485  | 624.803   | 200.981 |
| DNF 120x50-16-2 -A |     |    | 15,825 | 2  | 445  | 503.318   | 187.954 |
| DNF 120x50-16-3 -A |     |    |        | 3  | 545  | 773.758   | 272.061 |
| DNF 120x50-20-2 -A |     | 50 | 19,05  | 2  | 505  | 598.360   | 239.391 |
| DNF 120x50-20-3 -A |     |    |        | 3  | 605  | 919.867   | 346.516 |
| DNF 120x60-13-2 -A |     | 60 | 12,7   | 2  | 465  | 418.486   | 141.916 |
| DNF 120x60-13-3 -A |     |    |        | 3  | 585  | 643.344   | 205.422 |
| DNF 120x60-16-2 -A |     |    | 15,825 | 2  | 505  | 522.462   | 193.139 |
| DNF 120x60-16-3 -A |     |    |        | 3  | 625  | 803.188   | 279.567 |
| DNF 120x60-20-2 -A |     | 60 | 19,05  | 2  | 545  | 626.122   | 247.306 |
| DNF 120x60-20-3 -A |     |    |        | 3  | 665  | 962.545   | 357.973 |
| DNF 125x20-13-4 -A | 125 | 20 | 12,7   | 4  | 345  | 878.681   | 263.248 |
| DNF 125x20-13-6 -A |     |    |        | 6  | 425  | 1.333.826 | 376.925 |
| DNF 125x25-13-4 -A |     | 25 | 12,7   | 4  | 405  | 878.082   | 263.248 |
| DNF 125x25-13-6 -A |     |    |        | 6  | 505  | 1.332.917 | 376.925 |
| DNF 125x25-16-4 -A |     | 25 | 15,825 | 4  | 445  | 1.096.499 | 358.668 |
| DNF 125x25-16-6 -A |     |    |        | 6  | 545  | 1.664.470 | 513.550 |
| DNF 125x30-13-2 -A |     | 30 | 12,7   | 2  | 365  | 436.538   | 143.545 |
| DNF 125x30-13-5 -A |     |    |        | 5  | 545  | 1.140.212 | 327.776 |
| DNF 125x30-16-2 -A |     |    | 15,825 | 2  | 405  | 528.095   | 191.480 |
| DNF 125x30-16-5 -A |     |    |        | 5  | 585  | 1.379.354 | 437.233 |
| DNF 125x30-20-2 -A |     | 30 | 19,05  | 2  | 445  | 633.028   | 245.491 |
| DNF 125x30-20-5 -A |     |    |        | 5  | 605  | 1.653.431 | 560.561 |
| DNF 125x40-13-3 -A |     | 40 | 12,7   | 3  | 505  | 669.680   | 207.780 |
| DNF 125x40-13-4 -A |     |    |        | 4  | 585  | 903.743   | 268.879 |
| DNF 125x40-16-3 -A |     |    | 15,825 | 3  | 545  | 810.162   | 277.166 |
| DNF 125x40-16-4 -A |     |    |        | 4  | 625  | 1.093.325 | 358.668 |
| DNF 125x40-20-3 -A |     | 40 | 19,05  | 3  | 585  | 971.171   | 355.345 |
| DNF 125x40-20-4 -A |     |    |        | 4  | 665  | 1.310.609 | 459.836 |
| DNF 125x50-13-2 -A |     | 50 | 12,7   | 2  | 445  | 434.442   | 143.545 |
| DNF 125x50-13-3 -A |     |    |        | 3  | 545  | 667.873   | 207.780 |
| DNF 125x50-16-2 -A |     |    | 15,825 | 2  | 465  | 525.598   | 191.480 |
| DNF 125x50-16-3 -A |     |    |        | 3  | 565  | 808.008   | 277.166 |
| DNF 125x50-20-2 -A |     | 50 | 19,05  | 2  | 485  | 630.079   | 245.491 |
| DNF 125x50-20-3 -A |     |    |        | 3  | 585  | 968.629   | 355.345 |
| DNF 125x60-13-2 -A |     | 60 | 12,7   | 2  | 445  | 433.018   | 143.545 |
| DNF 125x60-13-3 -A |     |    |        | 3  | 565  | 665.685   | 207.780 |
| DNF 125x60-16-2 -A |     |    | 15,825 | 2  | 485  | 544.857   | 196.553 |
| DNF 125x60-16-3 -A |     |    |        | 3  | 605  | 837.616   | 284.509 |
| DNF 125x60-20-2 -A |     | 60 | 19,05  | 2  | 525  | 628.075   | 245.491 |
| DNF 125x60-20-3 -A |     |    |        | 3  | 645  | 965.548   | 355.345 |

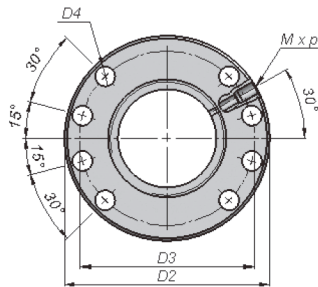
Ca:動態負載

Coa:靜態負載

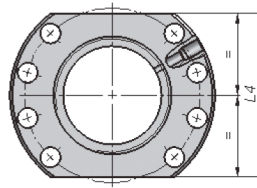
Nc:回轉圈數



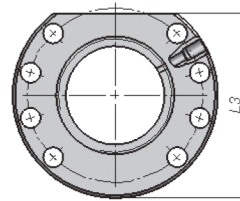
### 法蘭形式 A



## 法蘭形式 B



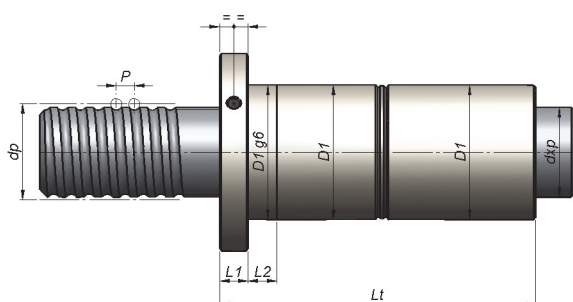
### 法蘭形式 C



| D1g6 | D2  | D3   | D4   | 孔數 | MXP  | L1 | L2 | L3    | L4  | 代碼                 |
|------|-----|------|------|----|------|----|----|-------|-----|--------------------|
|      | h13 | ±0,1 | H13  |    |      |    | +2 | h13   | h13 |                    |
| 180  | 230 | 205  | 17,5 | 8  | M8x1 | 35 | 35 | 212,5 | 195 | DNF 120x20-13-4 -A |
| 180  | 230 | 205  | 17,5 | 8  | M8x1 | 35 | 35 | 212,5 | 195 | DNF 120x20-13-6 -A |
| 180  | 230 | 205  | 17,5 | 8  | M8x1 | 35 | 35 | 212,5 | 195 | DNF 120x25-13-4 -A |
| 180  | 230 | 205  | 17,5 | 8  | M8x1 | 35 | 35 | 212,5 | 195 | DNF 120x25-13-6 -A |
| 190  | 240 | 215  | 17,5 | 8  | M8x1 | 35 | 35 | 222,5 | 205 | DNF 120x25-16-4 -A |
| 190  | 240 | 215  | 17,5 | 8  | M8x1 | 35 | 35 | 222,5 | 205 | DNF 120x25-16-6 -A |
| 180  | 230 | 205  | 17,5 | 8  | M8x1 | 35 | 35 | 212,5 | 195 | DNF 120x30-13-2 -A |
| 180  | 230 | 205  | 17,5 | 8  | M8x1 | 35 | 35 | 212,5 | 195 | DNF 120x30-13-5 -A |
| 190  | 240 | 215  | 17,5 | 8  | M8x1 | 35 | 35 | 222,5 | 205 | DNF 120x30-16-2 -A |
| 190  | 240 | 215  | 17,5 | 8  | M8x1 | 35 | 35 | 222,5 | 205 | DNF 120x30-16-5 -A |
| 200  | 250 | 225  | 17,5 | 8  | M8x1 | 35 | 35 | 232,5 | 215 | DNF 120x30-20-2 -A |
| 200  | 250 | 225  | 17,5 | 8  | M8x1 | 35 | 35 | 232,5 | 215 | DNF 120x30-20-5 -A |
| 180  | 230 | 205  | 17,5 | 8  | M8x1 | 40 | 40 | 212,5 | 195 | DNF 120x40-13-3 -A |
| 180  | 230 | 205  | 17,5 | 8  | M8x1 | 40 | 40 | 212,5 | 195 | DNF 120x40-13-4 -A |
| 190  | 240 | 215  | 17,5 | 8  | M8x1 | 40 | 40 | 222,5 | 205 | DNF 120x40-16-3 -A |
| 190  | 240 | 215  | 17,5 | 8  | M8x1 | 40 | 40 | 222,5 | 205 | DNF 120x40-16-4 -A |
| 200  | 250 | 225  | 17,5 | 8  | M8x1 | 40 | 40 | 232,5 | 215 | DNF 120x40-20-3 -A |
| 200  | 250 | 225  | 17,5 | 8  | M8x1 | 40 | 40 | 232,5 | 215 | DNF 120x40-20-4 -A |
| 180  | 230 | 205  | 17,5 | 8  | M8x1 | 40 | 40 | 212,5 | 195 | DNF 120x50-13-2 -A |
| 180  | 230 | 205  | 17,5 | 8  | M8x1 | 40 | 40 | 212,5 | 195 | DNF 120x50-13-3 -A |
| 190  | 240 | 215  | 17,5 | 8  | M8x1 | 40 | 40 | 222,5 | 205 | DNF 120x50-16-2 -A |
| 190  | 240 | 215  | 17,5 | 8  | M8x1 | 40 | 40 | 222,5 | 205 | DNF 120x50-16-3 -A |
| 200  | 250 | 225  | 17,5 | 8  | M8x1 | 40 | 40 | 232,5 | 215 | DNF 120x50-20-2 -A |
| 200  | 250 | 225  | 17,5 | 8  | M8x1 | 40 | 40 | 232,5 | 215 | DNF 120x50-20-3 -A |
| 180  | 230 | 205  | 17,5 | 8  | M8x1 | 40 | 40 | 212,5 | 195 | DNF 120x60-13-2 -A |
| 180  | 230 | 205  | 17,5 | 8  | M8x1 | 40 | 40 | 212,5 | 195 | DNF 120x60-13-3 -A |
| 190  | 240 | 215  | 17,5 | 8  | M8x1 | 40 | 40 | 222,5 | 205 | DNF 120x60-16-2 -A |
| 190  | 240 | 215  | 17,5 | 8  | M8x1 | 40 | 40 | 222,5 | 205 | DNF 120x60-16-3 -A |
| 200  | 250 | 225  | 17,5 | 8  | M8x1 | 40 | 40 | 232,5 | 215 | DNF 120x60-20-2 -A |
| 200  | 250 | 225  | 17,5 | 8  | M8x1 | 40 | 40 | 232,5 | 215 | DNF 120x60-20-3 -A |
| 185  | 235 | 210  | 17,5 | 8  | M8x1 | 35 | 35 | 217,5 | 200 | DNF 125x20-13-4 -A |
| 185  | 235 | 210  | 17,5 | 8  | M8x1 | 35 | 35 | 217,5 | 200 | DNF 125x20-13-6 -A |
| 185  | 235 | 210  | 17,5 | 8  | M8x1 | 35 | 35 | 217,5 | 200 | DNF 125x25-13-4 -A |
| 185  | 235 | 210  | 17,5 | 8  | M8x1 | 35 | 35 | 217,5 | 200 | DNF 125x25-13-6 -A |
| 195  | 245 | 220  | 17,5 | 8  | M8x1 | 35 | 35 | 227,5 | 210 | DNF 125x25-16-4 -A |
| 195  | 245 | 220  | 17,5 | 8  | M8x1 | 35 | 35 | 227,5 | 210 | DNF 125x25-16-6 -A |
| 185  | 235 | 210  | 17,5 | 8  | M8x1 | 35 | 35 | 217,5 | 200 | DNF 125x30-13-2 -A |
| 185  | 235 | 210  | 17,5 | 8  | M8x1 | 35 | 35 | 217,5 | 200 | DNF 125x30-13-5 -A |

雙螺帽  
法蘭式

## 軸向迴珠器



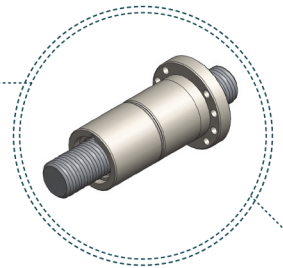
| 代碼                 | d   | p  | 滾珠直徑   | Nc | LT   | Coa       | Ca      |
|--------------------|-----|----|--------|----|------|-----------|---------|
|                    |     |    |        |    | ±0,1 | N         | N       |
| DNF 140x20-13-4 -A | 140 | 20 | 12,7   | 4  | 365  | 996.151   | 277.575 |
| DNF 140x20-13-6 -A |     |    |        | 6  | 445  | 1.512.143 | 397.440 |
| DNF 140x25-13-4 -A |     | 25 | 12,7   | 4  | 425  | 995.605   | 277.575 |
| DNF 140x25-13-6 -A |     |    |        | 6  | 525  | 1.511.315 | 397.440 |
| DNF 140x25-16-4 -A |     | 25 | 15,895 | 4  | 465  | 1.234.510 | 377.211 |
| DNF 140x25-16-6 -A |     |    |        | 6  | 565  | 1.873.968 | 540.100 |
| DNF 140x30-13-2 -A |     | 30 | 12,7   | 2  | 385  | 479.575   | 148.188 |
| DNF 140x30-13-5 -A |     |    |        | 5  | 565  | 1.252.623 | 338.377 |
| DNF 140x30-16-2 -A |     |    | 15,895 | 2  | 425  | 594.659   | 201.380 |
| DNF 140x30-16-5 -A |     |    |        | 5  | 605  | 1.553.214 | 459.837 |
| DNF 140x30-20-2 -A |     | 30 | 19,05  | 2  | 465  | 728.075   | 262.498 |
| DNF 140x30-20-5 -A |     |    |        | 5  | 645  | 1.901.689 | 599.396 |
| DNF 140x40-13-3 -A |     | 40 | 12,7   | 3  | 525  | 736.007   | 214.500 |
| DNF 140x40-13-4 -A |     |    |        | 4  | 605  | 993.253   | 277.575 |
| DNF 140x40-16-3 -A |     |    | 15,895 | 3  | 565  | 912.648   | 291.495 |
| DNF 140x40-16-4 -A |     |    |        | 4  | 645  | 1.233.696 | 377.211 |
| DNF 140x40-20-3 -A |     | 40 | 19,05  | 3  | 605  | 1.117.433 | 379.963 |
| DNF 140x40-20-4 -A |     |    |        | 4  | 685  | 1.507.992 | 491.693 |
| DNF 140x50-13-2 -A |     | 50 | 12,7   | 2  | 465  | 477.722   | 148.188 |
| DNF 140x50-13-3 -A |     |    |        | 3  | 565  | 734.409   | 214.500 |
| DNF 140x50-16-2 -A |     |    | 15,895 | 2  | 485  | 592.393   | 201.380 |
| DNF 140x50-16-3 -A |     |    |        | 3  | 585  | 910.693   | 291.495 |
| DNF 140x50-20-2 -A |     | 50 | 19,05  | 2  | 505  | 725.338   | 262.498 |
| DNF 140x50-20-3 -A |     |    |        | 3  | 605  | 1.115.071 | 379.963 |
| DNF 140x60-13-2 -A |     | 60 | 12,7   | 2  | 465  | 476.461   | 148.188 |
| DNF 140x60-13-3 -A |     |    |        | 3  | 585  | 732.470   | 214.500 |
| DNF 140x60-16-2 -A |     |    | 15,895 | 2  | 505  | 590.849   | 201.380 |
| DNF 140x60-16-3 -A |     |    |        | 3  | 625  | 908.321   | 291.495 |
| DNF 140x60-20-2 -A |     | 60 | 19,05  | 2  | 545  | 723.473   | 262.498 |
| DNF 140x60-20-3 -A |     |    |        | 3  | 665  | 1.112.205 | 379.963 |
| DNF 160x40-13-3 -A | 160 | 40 | 12,7   | 3  | 405  | 845.301   | 226.579 |
| DNF 160x40-13-4 -A |     |    |        | 4  | 485  | 1.140.746 | 293.205 |
| DNF 160x40-16-3 -A |     |    | 15,895 | 3  | 425  | 1.049.223 | 308.730 |
| DNF 160x40-16-4 -A |     |    |        | 4  | 505  | 1.415.942 | 399.513 |
| DNF 160x40-20-3 -A |     | 40 | 19,05  | 3  | 445  | 1.265.855 | 399.430 |
| DNF 160x40-20-4 -A |     |    |        | 4  | 525  | 1.708.290 | 516.885 |
| DNF 160x60-13-2 -A |     | 60 | 12,7   | 2  | 405  | 547.811   | 156.532 |
| DNF 160x60-13-3 -A |     |    |        | 3  | 525  | 842.157   | 226.579 |
| DNF 160x60-16-2 -A |     |    | 15,895 | 2  | 425  | 679.996   | 213.286 |
| DNF 160x60-16-3 -A |     |    |        | 3  | 545  | 1.045.367 | 308.730 |
| DNF 160x60-20-2 -A |     | 60 | 19,05  | 2  | 445  | 820.431   | 275.947 |
| DNF 160x60-20-3 -A |     |    |        | 3  | 565  | 1.261.259 | 399.430 |
| DNF 180x40-13-3 -A | 180 | 40 | 12,7   | 3  | 405  | 954.536   | 237.560 |
| DNF 180x40-13-4 -A |     |    |        | 4  | 485  | 1.288.161 | 307.416 |
| DNF 180x40-16-3 -A |     |    | 15,895 | 3  | 425  | 1.185.736 | 324.310 |
| DNF 180x40-16-4 -A |     |    |        | 4  | 505  | 1.600.168 | 419.675 |
| DNF 180x40-20-3 -A |     | 40 | 19,05  | 3  | 445  | 1.414.001 | 417.033 |
| DNF 180x40-20-4 -A |     |    |        | 4  | 525  | 1.908.215 | 539.664 |
| DNF 180x40-22-3 -A |     | 40 | 22,225 | 3  | 445  | 1.657.565 | 518.227 |
| DNF 180x40-22-4 -A |     |    |        | 4  | 525  | 2.236.908 | 670.614 |
| DNF 180x60-13-2 -A |     | 60 | 12,7   | 2  | 405  | 619.073   | 164.119 |
| DNF 180x60-13-3 -A |     |    |        | 3  | 525  | 951.709   | 237.560 |
| DNF 180x60-16-2 -A |     |    | 15,895 | 2  | 425  | 769.044   | 224.050 |
| DNF 180x60-16-3 -A |     |    |        | 3  | 545  | 1.182.261 | 324.310 |
| DNF 180x60-20-2 -A |     |    | 19,05  | 2  | 445  | 917.120   | 288.108 |
| DNF 180x60-20-3 -A |     |    |        | 3  | 565  | 1.409.901 | 417.033 |
| DNF 180x60-22-2 -A |     | 60 | 22,225 | 2  | 455  | 1.075.129 | 358.017 |
| DNF 180x60-22-3 -A |     |    |        | 3  | 575  | 1.652.810 | 518.227 |

Ca:動態負載

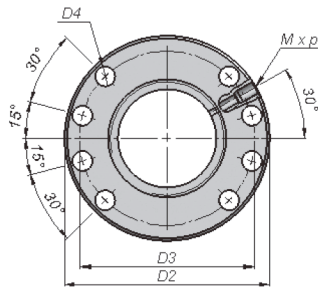
Coa:靜態負載

Nc:回轉圈數

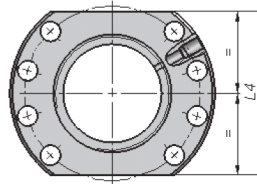




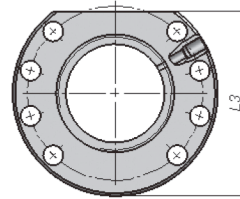
法蘭形式 A



法蘭形式 B



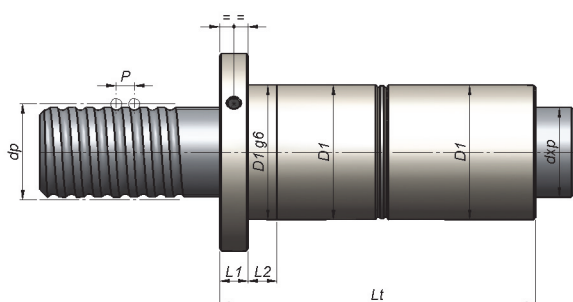
法蘭形式 C



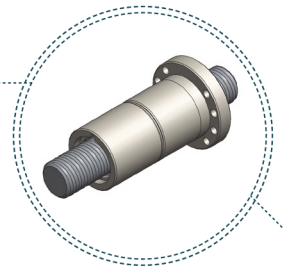
| D1g6 | D2<br>h13 | D3<br>±0,1 | D4<br>H13 | 孔數 | MXP   | L1 | L2<br>+2 | L3<br>h13 | L4<br>h13 | 代碼                 |
|------|-----------|------------|-----------|----|-------|----|----------|-----------|-----------|--------------------|
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 35 | 35       | 232,5     | 215       | DNF 140x20-13-4 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 35 | 35       | 232,5     | 215       | DNF 140x20-13-6 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 35 | 35       | 232,5     | 215       | DNF 140x25-13-4 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 35 | 35       | 232,5     | 215       | DNF 140x25-13-6 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 35 | 35       | 242,5     | 225       | DNF 140x25-16-4 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 35 | 35       | 242,5     | 225       | DNF 140x25-16-6 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 35 | 35       | 232,5     | 215       | DNF 140x30-13-2 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 35 | 35       | 232,5     | 215       | DNF 140x30-13-5 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 35 | 35       | 242,5     | 225       | DNF 140x30-16-2 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 35 | 35       | 242,5     | 225       | DNF 140x30-16-5 -A |
| 220  | 270       | 245        | 22        | 8  | M8x1  | 35 | 35       | 252,5     | 235       | DNF 140x30-20-2 -A |
| 220  | 270       | 245        | 22        | 8  | M8x1  | 35 | 35       | 252,5     | 235       | DNF 140x30-20-5 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 40 | 40       | 232,5     | 215       | DNF 140x40-13-3 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 40 | 40       | 232,5     | 215       | DNF 140x40-13-4 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 40 | 40       | 242,5     | 225       | DNF 140x40-16-3 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 40 | 40       | 242,5     | 225       | DNF 140x40-16-4 -A |
| 220  | 270       | 245        | 22        | 8  | M8x1  | 40 | 40       | 252,5     | 235       | DNF 140x40-20-3 -A |
| 220  | 270       | 245        | 22        | 8  | M8x1  | 40 | 40       | 252,5     | 235       | DNF 140x40-20-4 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 40 | 40       | 232,5     | 215       | DNF 140x50-13-2 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 40 | 40       | 232,5     | 215       | DNF 140x50-13-3 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 40 | 40       | 242,5     | 225       | DNF 140x50-16-2 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 40 | 40       | 242,5     | 225       | DNF 140x50-16-3 -A |
| 220  | 270       | 245        | 22        | 8  | M8x1  | 40 | 40       | 252,5     | 235       | DNF 140x50-20-2 -A |
| 220  | 270       | 245        | 22        | 8  | M8x1  | 40 | 40       | 252,5     | 235       | DNF 140x50-20-3 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 40 | 40       | 232,5     | 215       | DNF 140x60-13-2 -A |
| 200  | 250       | 225        | 17,5      | 8  | M8x1  | 40 | 40       | 232,5     | 215       | DNF 140x60-13-3 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 40 | 40       | 242,5     | 225       | DNF 140x60-16-2 -A |
| 210  | 260       | 235        | 22        | 8  | M8x1  | 40 | 40       | 242,5     | 225       | DNF 140x60-16-3 -A |
| 220  | 270       | 245        | 22        | 8  | M8x1  | 40 | 40       | 252,5     | 235       | DNF 140x60-20-2 -A |
| 220  | 270       | 245        | 22        | 8  | M8x1  | 40 | 40       | 252,5     | 235       | DNF 140x60-20-3 -A |
| 220  | 270       | 245        | 22        | 8  | M10x1 | 40 | 40       | 252,5     | 235       | DNF 160x40-13-3 -A |
| 220  | 270       | 245        | 22        | 8  | M10x1 | 40 | 40       | 252,5     | 235       | DNF 160x40-13-4 -A |
| 230  | 280       | 255        | 22        | 8  | M10x1 | 40 | 40       | 262,5     | 245       | DNF 160x40-16-3 -A |
| 230  | 280       | 255        | 22        | 8  | M10x1 | 40 | 40       | 262,5     | 245       | DNF 160x40-16-4 -A |
| 240  | 290       | 265        | 22        | 8  | M10x1 | 40 | 40       | 272,5     | 255       | DNF 160x40-20-3 -A |
| 240  | 290       | 265        | 22        | 8  | M10x1 | 40 | 40       | 272,5     | 255       | DNF 160x40-20-4 -A |
| 220  | 270       | 245        | 22        | 8  | M10x1 | 40 | 40       | 252,5     | 235       | DNF 160x60-13-2 -A |
| 220  | 270       | 245        | 22        | 8  | M10x1 | 40 | 40       | 252,5     | 235       | DNF 160x60-13-3 -A |
| 230  | 280       | 255        | 22        | 8  | M10x1 | 40 | 40       | 262,5     | 245       | DNF 160x60-16-2 -A |
| 230  | 280       | 255        | 22        | 8  | M10x1 | 40 | 40       | 262,5     | 245       | DNF 160x60-16-3 -A |
| 240  | 290       | 265        | 22        | 8  | M10x1 | 40 | 40       | 272,5     | 255       | DNF 160x60-20-2 -A |
| 240  | 290       | 265        | 22        | 8  | M10x1 | 40 | 40       | 272,5     | 255       | DNF 160x60-20-3 -A |
| 240  | 290       | 265        | 22        | 8  | M10x1 | 40 | 40       | 272,5     | 255       | DNF 180x40-13-3 -A |
| 240  | 290       | 265        | 22        | 8  | M10x1 | 40 | 40       | 272,5     | 255       | DNF 180x40-13-4 -A |
| 250  | 300       | 275        | 22        | 8  | M10x1 | 40 | 40       | 282,5     | 265       | DNF 180x40-16-3 -A |
| 250  | 300       | 275        | 22        | 8  | M10x1 | 40 | 40       | 282,5     | 265       | DNF 180x40-16-4 -A |
| 260  | 310       | 285        | 22        | 8  | M10x1 | 40 | 40       | 292,5     | 275       | DNF 180x40-20-3 -A |
| 260  | 310       | 285        | 22        | 8  | M10x1 | 40 | 40       | 292,5     | 275       | DNF 180x40-20-4 -A |
| 270  | 320       | 295        | 22        | 8  | M10x1 | 40 | 40       | 302,5     | 285       | DNF 180x40-22-3 -A |
| 270  | 320       | 295        | 22        | 8  | M10x1 | 40 | 40       | 302,5     | 285       | DNF 180x40-22-4 -A |
| 240  | 290       | 265        | 22        | 8  | M10x1 | 40 | 40       | 272,5     | 255       | DNF 180x60-13-2 -A |
| 240  | 290       | 265        | 22        | 8  | M10x1 | 40 | 40       | 272,5     | 255       | DNF 180x60-13-3 -A |
| 250  | 300       | 275        | 22        | 8  | M10x1 | 40 | 40       | 282,5     | 265       | DNF 180x60-16-2 -A |
| 250  | 300       | 275        | 22        | 8  | M10x1 | 40 | 40       | 282,5     | 265       | DNF 180x60-16-3 -A |
| 260  | 310       | 285        | 22        | 8  | M10x1 | 40 | 40       | 292,5     | 275       | DNF 180x60-20-2 -A |
| 260  | 310       | 285        | 22        | 8  | M10x1 | 40 | 40       | 292,5     | 275       | DNF 180x60-20-3 -A |
| 270  | 320       | 295        | 22        | 8  | M10x1 | 40 | 40       | 302,5     | 285       | DNF 180x60-22-2 -A |
| 270  | 320       | 295        | 22        | 8  | M10x1 | 40 | 40       | 302,5     | 285       | DNF 180x60-22-3 -A |

雙螺帽  
法蘭式

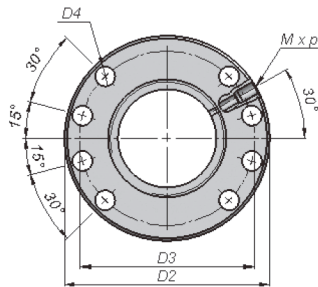
## 軸向迴珠器



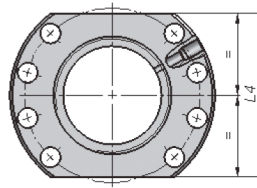
| 代碼                 | d   | p  | 滾珠直徑   | Nc | LT   | Coa       | Ca      |
|--------------------|-----|----|--------|----|------|-----------|---------|
|                    |     |    |        |    | ±0,1 | N         | N       |
| DNF 200x40-13-3 -A | 200 | 40 | 12,7   | 3  | 415  | 1.063.729 | 247.675 |
| DNF 200x40-13-4 -A |     |    |        | 4  | 495  | 1.435.518 | 320.505 |
| DNF 200x40-16-3 -A |     |    | 15,895 | 3  | 435  | 1.322.202 | 338.594 |
| DNF 200x40-16-4 -A |     |    |        | 4  | 515  | 1.784.331 | 438.160 |
| DNF 200x40-20-3 -A |     |    | 19,05  | 3  | 455  | 1.609.282 | 441.902 |
| DNF 200x40-20-4 -A |     |    |        | 4  | 535  | 2.171.750 | 571.846 |
| DNF 200x40-22-3 -A |     | 60 | 22,225 | 3  | 465  | 1.857.778 | 544.298 |
| DNF 200x40-22-4 -A |     |    |        | 4  | 545  | 2.507.098 | 704.351 |
| DNF 200x60-13-2 -A |     |    | 12,7   | 2  | 415  | 690.270   | 171.106 |
| DNF 200x60-13-3 -A |     |    |        | 3  | 535  | 1.061.161 | 247.675 |
| DNF 200x60-16-2 -A |     |    | 15,895 | 2  | 435  | 858.017   | 233.918 |
| DNF 200x60-16-3 -A |     |    |        | 3  | 555  | 1.319.041 | 338.594 |
| DNF 200x60-20-2 -A |     |    | 19,05  | 2  | 445  | 1.044.336 | 305.289 |
| DNF 200x60-20-3 -A |     |    |        | 3  | 565  | 1.605.472 | 441.902 |
| DNF 200x60-22-2 -A |     |    | 22,225 | 2  | 455  | 1.205.623 | 376.028 |
| DNF 200x60-22-3 -A |     |    |        | 3  | 575  | 1.853.421 | 544.298 |
| DNF 220x40-13-3 -A | 220 | 40 | 12,7   | 3  | 425  | 1.172.891 | 257.083 |
| DNF 220x40-13-4 -A |     |    |        | 4  | 505  | 1.582.833 | 332.680 |
| DNF 220x40-16-3 -A |     |    | 15,895 | 3  | 445  | 1.458.634 | 351.834 |
| DNF 220x40-16-4 -A |     |    |        | 4  | 525  | 1.968.448 | 455.292 |
| DNF 220x40-20-3 -A |     |    | 19,05  | 3  | 465  | 1.757.251 | 456.465 |
| DNF 220x40-20-4 -A |     |    |        | 4  | 545  | 2.371.436 | 590.691 |
| DNF 220x40-22-3 -A |     | 60 | 22,225 | 3  | 475  | 2.058.013 | 568.248 |
| DNF 220x40-22-4 -A |     |    |        | 4  | 555  | 2.777.318 | 735.344 |
| DNF 220x60-13-2 -A |     |    | 12,7   | 2  | 445  | 761.419   | 177.606 |
| DNF 220x60-13-3 -A |     |    |        | 3  | 565  | 1.170.539 | 257.083 |
| DNF 220x60-16-2 -A |     |    | 15,895 | 2  | 465  | 946.935   | 243.064 |
| DNF 220x60-16-3 -A |     |    |        | 3  | 585  | 1.455.736 | 351.834 |
| DNF 220x60-20-2 -A |     |    | 19,05  | 2  | 425  | 1.140.814 | 315.349 |
| DNF 220x60-20-3 -A |     |    |        | 3  | 505  | 1.753.789 | 456.465 |
| DNF 220x60-22-2 -A |     |    | 22,225 | 2  | 475  | 1.336.093 | 392.575 |
| DNF 220x60-22-3 -A |     |    |        | 3  | 595  | 2.053.994 | 568.248 |
| DNF 240x40-13-3 -A | 240 | 40 | 12,7   | 3  | 465  | 1.282.028 | 265.903 |
| DNF 240x40-13-4 -A |     |    |        | 4  | 545  | 1.730.115 | 344.093 |
| DNF 240x40-16-3 -A |     |    | 15,895 | 3  | 475  | 1.595.040 | 364.208 |
| DNF 240x40-16-4 -A |     |    |        | 4  | 555  | 2.152.529 | 471.306 |
| DNF 240x40-20-3 -A |     |    | 19,05  | 3  | 465  | 1.905.084 | 470.132 |
| DNF 240x40-20-4 -A |     |    |        | 4  | 545  | 2.570.939 | 608.377 |
| DNF 240x40-22-3 -A |     | 60 | 22,225 | 3  | 485  | 2.193.742 | 579.165 |
| DNF 240x40-22-4 -A |     |    |        | 4  | 565  | 2.960.486 | 749.471 |
| DNF 240x60-13-2 -A |     |    | 12,7   | 2  | 455  | 832.530   | 183.699 |
| DNF 240x60-13-3 -A |     |    |        | 3  | 575  | 1.279.859 | 265.903 |
| DNF 240x60-16-2 -A |     |    | 15,895 | 2  | 475  | 1.035.809 | 251.614 |
| DNF 240x60-16-3 -A |     |    |        | 3  | 595  | 1.592.363 | 364.208 |
| DNF 240x60-20-2 -A |     |    | 19,05  | 2  | 435  | 1.237.167 | 324.791 |
| DNF 240x60-20-3 -A |     |    |        | 3  | 515  | 1.901.914 | 470.132 |
| DNF 240x60-22-2 -A |     |    | 22,225 | 2  | 485  | 1.466.542 | 407.924 |
| DNF 240x60-22-3 -A |     |    |        | 3  | 605  | 2.254.535 | 590.466 |



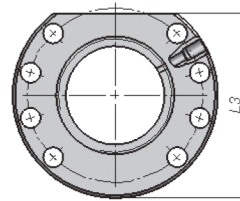
### 法蘭形式 A



### 法蘭形式 B



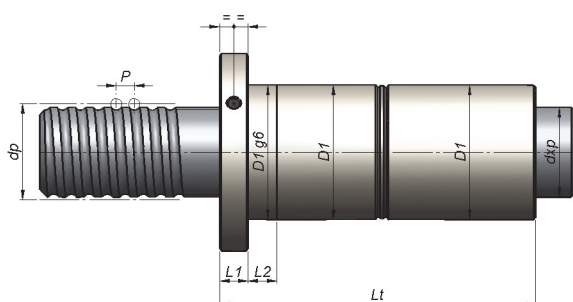
### ...法蘭形式 C



| D1g6 | D2  | D3   | D4  | 孔數 | MXP   | L1 | L2 | L3    | L4  | 代碼                 |
|------|-----|------|-----|----|-------|----|----|-------|-----|--------------------|
|      | h13 | ±0,1 | H13 |    |       |    | +2 | h13   | h13 |                    |
| 260  | 310 | 285  | 22  | 8  | M10x1 | 40 | 40 | 292,5 | 275 | DNF 200x40-13-3 -A |
| 260  | 310 | 285  | 22  | 8  | M10x1 | 40 | 40 | 292,5 | 275 | DNF 200x40-13-4 -A |
| 270  | 320 | 295  | 22  | 8  | M10x1 | 40 | 40 | 302,5 | 285 | DNF 200x40-16-3 -A |
| 270  | 320 | 295  | 22  | 8  | M10x1 | 40 | 40 | 302,5 | 285 | DNF 200x40-16-4 -A |
| 280  | 330 | 305  | 22  | 8  | M10x1 | 40 | 40 | 312,5 | 295 | DNF 200x40-20-3 -A |
| 280  | 330 | 305  | 22  | 8  | M10x1 | 40 | 40 | 312,5 | 295 | DNF 200x40-20-4 -A |
| 290  | 340 | 315  | 22  | 8  | M10x1 | 40 | 40 | 322,5 | 305 | DNF 200x40-22-3 -A |
| 290  | 340 | 315  | 22  | 8  | M10x1 | 40 | 40 | 322,5 | 305 | DNF 200x40-22-4 -A |
| 260  | 310 | 285  | 22  | 8  | M10x1 | 40 | 40 | 292,5 | 275 | DNF 200x60-13-2 -A |
| 260  | 310 | 285  | 22  | 8  | M10x1 | 40 | 40 | 292,5 | 275 | DNF 200x60-13-3 -A |
| 270  | 320 | 295  | 22  | 8  | M10x1 | 40 | 40 | 302,5 | 285 | DNF 200x60-16-2 -A |
| 270  | 320 | 295  | 22  | 8  | M10x1 | 40 | 40 | 302,5 | 285 | DNF 200x60-16-3 -A |
| 280  | 330 | 305  | 22  | 8  | M10x1 | 40 | 40 | 312,5 | 295 | DNF 200x60-20-2 -A |
| 280  | 330 | 305  | 22  | 8  | M10x1 | 40 | 40 | 312,5 | 295 | DNF 200x60-20-3 -A |
| 290  | 340 | 315  | 22  | 8  | M10x1 | 40 | 40 | 322,5 | 305 | DNF 200x60-22-2 -A |
| 290  | 340 | 315  | 22  | 8  | M10x1 | 40 | 40 | 322,5 | 305 | DNF 200x60-22-3 -A |
| 280  | 330 | 305  | 22  | 8  | M10x1 | 40 | 40 | 312,5 | 295 | DNF 220x40-13-3 -A |
| 280  | 330 | 305  | 22  | 8  | M10x1 | 40 | 40 | 312,5 | 295 | DNF 220x40-13-4 -A |
| 290  | 340 | 315  | 22  | 8  | M10x1 | 40 | 40 | 322,5 | 305 | DNF 220x40-16-3 -A |
| 290  | 340 | 315  | 22  | 8  | M10x1 | 40 | 40 | 322,5 | 305 | DNF 220x40-16-4 -A |
| 300  | 350 | 325  | 22  | 8  | M10x1 | 40 | 40 | 332,5 | 315 | DNF 220x40-20-3 -A |
| 300  | 350 | 325  | 22  | 8  | M10x1 | 40 | 40 | 332,5 | 315 | DNF 220x40-20-4 -A |
| 310  | 360 | 335  | 22  | 8  | M10x1 | 40 | 40 | 342,5 | 325 | DNF 220x40-22-3 -A |
| 310  | 360 | 335  | 22  | 8  | M10x1 | 40 | 40 | 342,5 | 325 | DNF 220x40-22-4 -A |
| 280  | 330 | 305  | 22  | 8  | M10x1 | 40 | 40 | 312,5 | 295 | DNF 220x60-13-2 -A |
| 280  | 330 | 305  | 22  | 8  | M10x1 | 40 | 40 | 312,5 | 295 | DNF 220x60-13-3 -A |
| 290  | 340 | 315  | 22  | 8  | M10x1 | 40 | 40 | 322,5 | 305 | DNF 220x60-16-2 -A |
| 290  | 340 | 315  | 22  | 8  | M10x1 | 40 | 40 | 322,5 | 305 | DNF 220x60-16-3 -A |
| 300  | 350 | 325  | 22  | 8  | M10x1 | 40 | 40 | 332,5 | 315 | DNF 220x60-20-2 -A |
| 300  | 350 | 325  | 22  | 8  | M10x1 | 40 | 40 | 332,5 | 315 | DNF 220x60-20-3 -A |
| 310  | 360 | 335  | 22  | 8  | M10x1 | 40 | 40 | 342,5 | 325 | DNF 220x60-22-2 -A |
| 310  | 360 | 335  | 22  | 8  | M10x1 | 40 | 40 | 342,5 | 325 | DNF 220x60-22-3 -A |
| 300  | 350 | 325  | 22  | 8  | M10x1 | 40 | 40 | 332,5 | 315 | DNF 240x40-13-3 -A |
| 300  | 350 | 325  | 22  | 8  | M10x1 | 40 | 40 | 332,5 | 315 | DNF 240x40-13-4 -A |
| 310  | 360 | 335  | 22  | 8  | M10x1 | 40 | 40 | 342,5 | 325 | DNF 240x40-16-3 -A |
| 310  | 360 | 335  | 22  | 8  | M10x1 | 40 | 40 | 342,5 | 325 | DNF 240x40-16-4 -A |
| 320  | 370 | 345  | 22  | 8  | M10x1 | 40 | 40 | 352,5 | 335 | DNF 240x40-20-3 -A |
| 320  | 370 | 345  | 22  | 8  | M10x1 | 40 | 40 | 352,5 | 335 | DNF 240x40-20-4 -A |
| 330  | 380 | 355  | 22  | 8  | M10x1 | 40 | 40 | 362,5 | 345 | DNF 240x40-22-3 -A |
| 330  | 380 | 355  | 22  | 8  | M10x1 | 40 | 40 | 362,5 | 345 | DNF 240x40-22-4 -A |
| 300  | 350 | 325  | 22  | 8  | M10x1 | 40 | 40 | 332,5 | 315 | DNF 240x60-13-2 -A |
| 300  | 350 | 325  | 22  | 8  | M10x1 | 40 | 40 | 332,5 | 315 | DNF 240x60-13-3 -A |
| 310  | 360 | 335  | 22  | 8  | M10x1 | 40 | 40 | 342,5 | 325 | DNF 240x60-16-2 -A |
| 310  | 360 | 335  | 22  | 8  | M10x1 | 40 | 40 | 342,5 | 325 | DNF 240x60-16-3 -A |
| 320  | 370 | 345  | 22  | 8  | M10x1 | 40 | 40 | 352,5 | 335 | DNF 240x60-20-2 -A |
| 320  | 370 | 345  | 22  | 8  | M10x1 | 40 | 40 | 352,5 | 335 | DNF 240x60-20-3 -A |
| 330  | 380 | 355  | 22  | 8  | M10x1 | 40 | 40 | 362,5 | 345 | DNF 240x60-22-2 -A |
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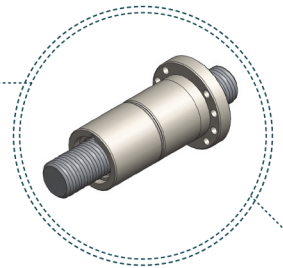
雙螺帽  
法蘭式

## 軸向迴珠器

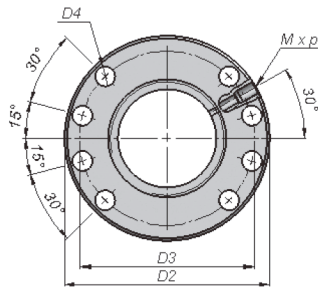


| 代碼                 | d   | p  | 滾珠直徑   | Nc | LT   | Coa       | Ca      |
|--------------------|-----|----|--------|----|------|-----------|---------|
|                    |     |    |        |    | ±0,1 | N         | N       |
| DNF 260x40-13-3 -A | 260 | 40 | 12,7   | 3  | 435  | 1.391.145 | 274.223 |
| DNF 260x40-13-4 -A |     |    |        | 4  | 515  | 1.877.371 | 354.860 |
| DNF 260x40-16-3 -A |     |    | 15,895 | 3  | 455  | 1.731.424 | 375.854 |
| DNF 260x40-16-4 -A |     |    |        | 4  | 535  | 2.336.581 | 486.376 |
| DNF 260x40-20-3 -A |     |    | 19,05  | 3  | 475  | 2.052.814 | 483.045 |
| DNF 260x40-20-4 -A |     |    |        | 4  | 555  | 2.770.302 | 625.087 |
| DNF 260x40-22-3 -A |     | 60 | 22,225 | 3  | 485  | 2.393.827 | 600.468 |
| DNF 260x40-22-4 -A |     |    |        | 4  | 565  | 3.230.504 | 777.039 |
| DNF 260x60-13-2 -A |     |    | 12,7   | 2  | 465  | 903.611   | 189.447 |
| DNF 260x60-13-3 -A |     |    |        | 3  | 585  | 1.389.134 | 274.223 |
| DNF 260x60-16-2 -A |     |    | 15,895 | 2  | 485  | 1.124.649 | 259.659 |
| DNF 260x60-16-3 -A |     |    |        | 3  | 605  | 1.728.938 | 375.854 |
| DNF 260x60-20-2 -A |     |    | 19,05  | 2  | 445  | 1.333.423 | 333.712 |
| DNF 260x60-20-3 -A |     |    |        | 3  | 525  | 2.049.889 | 483.045 |
| DNF 260x60-22-2 -A |     |    | 22,225 | 2  | 495  | 1.554.948 | 414.834 |
| DNF 260x60-22-3 -A |     |    |        | 3  | 615  | 2.390.442 | 600.468 |
| DNF 280x40-13-3 -A | 280 | 40 | 12,7   | 3  | 465  | 1.500.248 | 282.112 |
| DNF 280x40-13-4 -A |     |    |        | 4  | 545  | 2.024.606 | 365.068 |
| DNF 280x40-16-3 -A |     |    | 15,895 | 3  | 485  | 1.867.791 | 386.875 |
| DNF 280x40-16-4 -A |     |    |        | 4  | 565  | 2.520.611 | 500.637 |
| DNF 280x40-20-3 -A |     |    | 19,05  | 3  | 505  | 2.248.297 | 502.466 |
| DNF 280x40-20-4 -A |     |    |        | 4  | 585  | 3.034.110 | 650.219 |
| DNF 280x40-22-3 -A |     | 60 | 22,225 | 3  | 515  | 2.593.946 | 620.488 |
| DNF 280x40-22-4 -A |     |    |        | 4  | 595  | 3.500.567 | 802.946 |
| DNF 280x60-13-2 -A |     |    | 12,7   | 2  | 485  | 974.669   | 194.897 |
| DNF 280x60-13-3 -A |     |    |        | 3  | 605  | 1.498.372 | 282.112 |
| DNF 280x60-16-2 -A |     |    | 15,895 | 2  | 505  | 1.213.462 | 267.273 |
| DNF 280x60-16-3 -A |     |    |        | 3  | 625  | 1.865.471 | 386.875 |
| DNF 280x60-20-2 -A |     |    | 19,05  | 2  | 465  | 1.460.681 | 347.129 |
| DNF 280x60-20-3 -A |     |    |        | 3  | 545  | 2.245.525 | 502.466 |
| DNF 280x60-22-2 -A |     |    | 22,225 | 2  | 515  | 1.685.258 | 428.665 |
| DNF 280x60-22-3 -A |     |    |        | 3  | 635  | 2.590.769 | 620.488 |
| DNF 300x40-13-3 -A | 240 | 40 | 12,7   | 3  | 505  | 1.609.338 | 289.624 |
| DNF 300x40-13-4 -A |     |    |        | 4  | 585  | 2.171.825 | 374.789 |
| DNF 300x40-16-3 -A |     |    | 15,895 | 3  | 515  | 2.004.144 | 397.352 |
| DNF 300x40-16-4 -A |     |    |        | 4  | 595  | 2.704.621 | 514.195 |
| DNF 300x40-20-3 -A |     |    | 19,05  | 3  | 505  | 2.395.963 | 513.895 |
| DNF 300x40-20-4 -A |     |    |        | 4  | 585  | 3.233.387 | 665.008 |
| DNF 300x40-22-3 -A |     | 60 | 22,225 | 3  | 525  | 2.794.090 | 639.407 |
| DNF 300x40-22-4 -A |     |    |        | 4  | 605  | 3.770.665 | 827.427 |
| DNF 300x60-13-2 -A |     |    | 12,7   | 2  | 495  | 1.045.708 | 200.087 |
| DNF 300x60-13-3 -A |     |    |        | 3  | 615  | 1.607.581 | 289.624 |
| DNF 300x60-16-2 -A |     |    | 15,895 | 2  | 515  | 1.302.252 | 274.511 |
| DNF 300x60-16-3 -A |     |    |        | 3  | 655  | 2.001.970 | 397.352 |
| DNF 300x60-20-2 -A |     |    | 19,05  | 2  | 475  | 1.556.859 | 355.025 |
| DNF 300x60-20-3 -A |     |    |        | 3  | 555  | 2.393.381 | 513.895 |
| DNF 300x60-22-2 -A |     |    | 22,225 | 2  | 525  | 1.815.569 | 441.735 |
| DNF 300x60-22-3 -A |     |    |        | 3  | 645  | 2.791.098 | 639.407 |

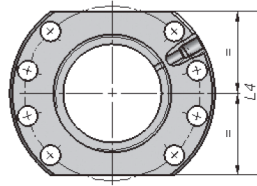




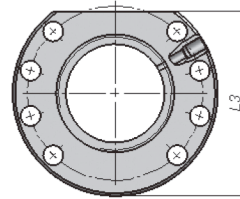
法蘭形式 A



法蘭形式 B

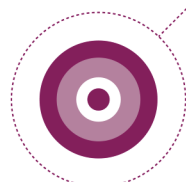


法蘭形式 C

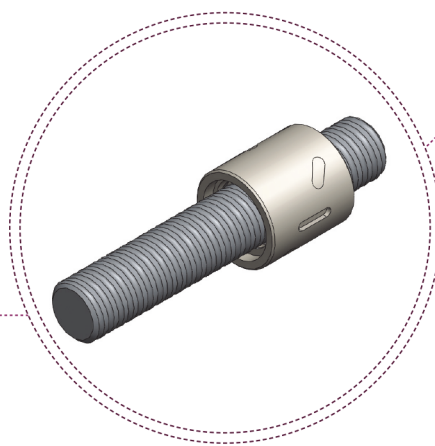


| D1g6 | D2<br>h13 | D3<br>±0,1 | D4<br>H13 | 孔數 | MXP   | L1 | L2<br>+2 | L3<br>h13 | L4<br>h13 | 代碼                 |
|------|-----------|------------|-----------|----|-------|----|----------|-----------|-----------|--------------------|
| 320  | 370       | 345        | 22        | 8  | M10x1 | 40 | 40       | 352,5     | 335       | DNF 260x40-13-3 -A |
| 320  | 370       | 345        | 22        | 8  | M10x1 | 40 | 40       | 352,5     | 335       | DNF 260x40-13-4 -A |
| 330  | 380       | 355        | 22        | 8  | M10x1 | 40 | 40       | 362,5     | 345       | DNF 260x40-16-3 -A |
| 330  | 380       | 355        | 22        | 8  | M10x1 | 40 | 40       | 362,5     | 345       | DNF 260x40-16-4 -A |
| 340  | 390       | 365        | 22        | 8  | M10x1 | 40 | 40       | 372,5     | 355       | DNF 260x40-20-3 -A |
| 340  | 390       | 365        | 22        | 8  | M10x1 | 40 | 40       | 372,5     | 355       | DNF 260x40-20-4 -A |
| 350  | 400       | 375        | 22        | 8  | M10x1 | 40 | 40       | 382,5     | 365       | DNF 260x40-22-3 -A |
| 350  | 400       | 375        | 22        | 8  | M10x1 | 40 | 40       | 382,5     | 365       | DNF 260x40-22-4 -A |
| 320  | 370       | 345        | 22        | 8  | M10x1 | 40 | 40       | 352,5     | 335       | DNF 260x60-13-2 -A |
| 320  | 370       | 345        | 22        | 8  | M10x1 | 40 | 40       | 352,5     | 335       | DNF 260x60-13-3 -A |
| 330  | 380       | 355        | 22        | 8  | M10x1 | 40 | 40       | 362,5     | 345       | DNF 260x60-16-2 -A |
| 330  | 380       | 355        | 22        | 8  | M10x1 | 40 | 40       | 362,5     | 345       | DNF 260x60-16-3 -A |
| 340  | 390       | 365        | 22        | 8  | M10x1 | 40 | 40       | 372,5     | 355       | DNF 260x60-20-2 -A |
| 340  | 390       | 365        | 22        | 8  | M10x1 | 40 | 40       | 372,5     | 355       | DNF 260x60-20-3 -A |
| 350  | 400       | 375        | 22        | 8  | M10x1 | 40 | 40       | 382,5     | 365       | DNF 260x60-22-2 -A |
| 350  | 400       | 375        | 22        | 8  | M10x1 | 40 | 40       | 382,5     | 365       | DNF 260x60-22-3 -A |
| 340  | 390       | 365        | 22        | 8  | M10x1 | 40 | 40       | 372,5     | 355       | DNF 280x40-13-3 -A |
| 340  | 390       | 365        | 22        | 8  | M10x1 | 40 | 40       | 372,5     | 355       | DNF 280x40-13-4 -A |
| 350  | 400       | 375        | 22        | 8  | M10x1 | 40 | 40       | 382,5     | 365       | DNF 280x40-16-3 -A |
| 350  | 400       | 375        | 22        | 8  | M10x1 | 40 | 40       | 382,5     | 365       | DNF 280x40-16-4 -A |
| 360  | 410       | 385        | 22        | 8  | M10x1 | 40 | 40       | 392,5     | 375       | DNF 280x40-20-3 -A |
| 360  | 410       | 385        | 22        | 8  | M10x1 | 40 | 40       | 392,5     | 375       | DNF 280x40-20-4 -A |
| 370  | 420       | 395        | 22        | 8  | M10x1 | 40 | 40       | 402,5     | 385       | DNF 280x40-22-3 -A |
| 370  | 420       | 395        | 22        | 8  | M10x1 | 40 | 40       | 402,5     | 385       | DNF 280x40-22-4 -A |
| 340  | 390       | 365        | 22        | 8  | M10x1 | 40 | 40       | 372,5     | 355       | DNF 280x60-13-2 -A |
| 340  | 390       | 365        | 22        | 8  | M10x1 | 40 | 40       | 372,5     | 355       | DNF 280x60-13-3 -A |
| 350  | 400       | 375        | 22        | 8  | M10x1 | 40 | 40       | 382,5     | 365       | DNF 280x60-16-2 -A |
| 350  | 400       | 375        | 22        | 8  | M10x1 | 40 | 40       | 382,5     | 365       | DNF 280x60-16-3 -A |
| 360  | 410       | 385        | 22        | 8  | M10x1 | 40 | 40       | 392,5     | 375       | DNF 280x60-20-2 -A |
| 360  | 410       | 385        | 22        | 8  | M10x1 | 40 | 40       | 392,5     | 375       | DNF 280x60-20-3 -A |
| 370  | 420       | 395        | 22        | 8  | M10x1 | 40 | 40       | 402,5     | 385       | DNF 280x60-22-2 -A |
| 370  | 420       | 395        | 22        | 8  | M10x1 | 40 | 40       | 402,5     | 385       | DNF 280x60-22-3 -A |
| 360  | 410       | 385        | 22        | 8  | M10x1 | 40 | 40       | 392,5     | 375       | DNF 300x40-13-3 -A |
| 360  | 410       | 385        | 22        | 8  | M10x1 | 40 | 40       | 392,5     | 375       | DNF 300x40-13-4 -A |
| 370  | 420       | 395        | 22        | 8  | M10x1 | 40 | 40       | 402,5     | 385       | DNF 300x40-16-3 -A |
| 370  | 420       | 395        | 22        | 8  | M10x1 | 40 | 40       | 402,5     | 385       | DNF 300x40-16-4 -A |
| 380  | 430       | 405        | 22        | 8  | M10x1 | 40 | 40       | 412,5     | 395       | DNF 300x40-20-3 -A |
| 380  | 430       | 405        | 22        | 8  | M10x1 | 40 | 40       | 412,5     | 395       | DNF 300x40-20-4 -A |
| 390  | 440       | 415        | 22        | 8  | M10x1 | 40 | 40       | 422,5     | 405       | DNF 300x40-22-3 -A |
| 390  | 440       | 415        | 22        | 8  | M10x1 | 40 | 40       | 422,5     | 405       | DNF 300x40-22-4 -A |
| 360  | 410       | 385        | 22        | 8  | M10x1 | 40 | 40       | 392,5     | 375       | DNF 300x60-13-2 -A |
| 360  | 410       | 385        | 22        | 8  | M10x1 | 40 | 40       | 392,5     | 375       | DNF 300x60-13-3 -A |
| 370  | 420       | 395        | 22        | 8  | M10x1 | 40 | 40       | 402,5     | 385       | DNF 300x60-16-2 -A |
| 370  | 420       | 395        | 22        | 8  | M10x1 | 40 | 40       | 402,5     | 385       | DNF 300x60-16-3 -A |
| 380  | 430       | 405        | 22        | 8  | M10x1 | 40 | 40       | 412,5     | 395       | DNF 300x60-20-2 -A |
| 380  | 430       | 405        | 22        | 8  | M10x1 | 40 | 40       | 412,5     | 395       | DNF 300x60-20-3 -A |
| 390  | 440       | 415        | 22        | 8  | M10x1 | 40 | 40       | 422,5     | 405       | DNF 300x60-22-2 -A |
| 390  | 440       | 415        | 22        | 8  | M10x1 | 40 | 40       | 422,5     | 405       | DNF 300x60-22-3 -A |

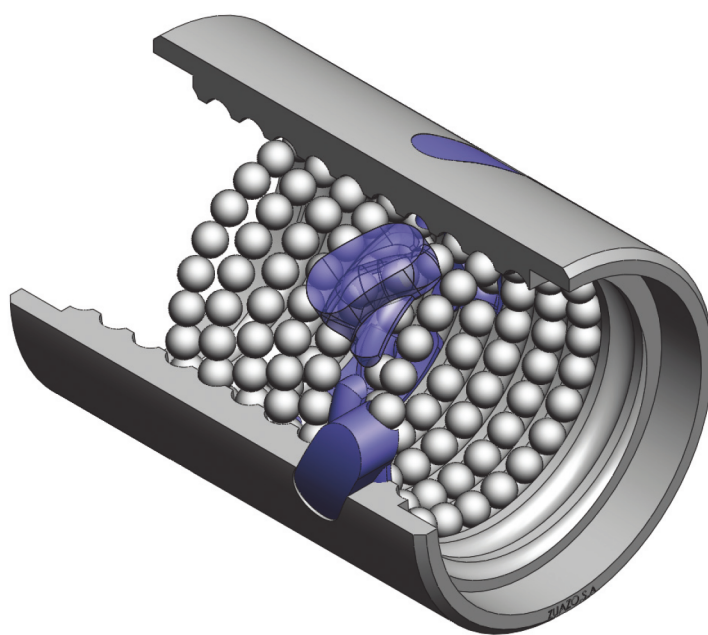
BSG - ZUAZO



## 單螺帽 圓柱式



徑向迴珠器



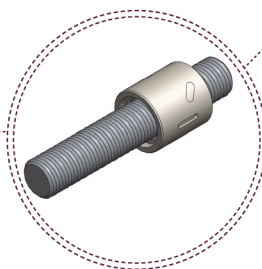
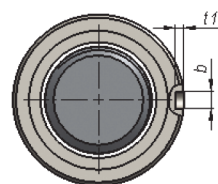
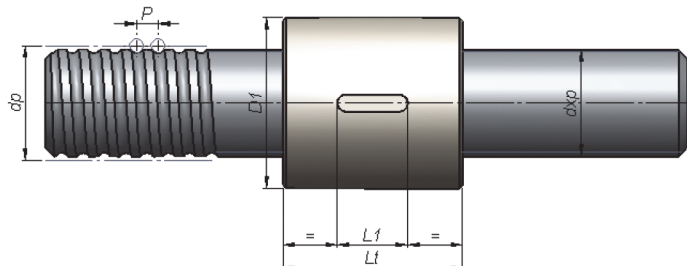
SNC radial

**bsg**  
ZUAZO



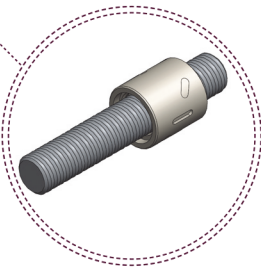
單螺帽  
圓柱式

徑向迴珠器

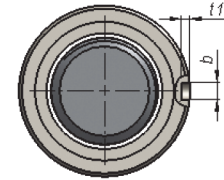
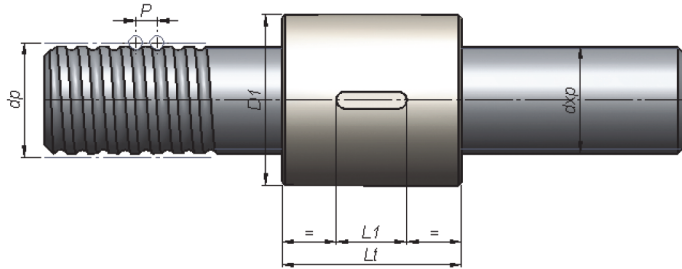


| 代碼                 | d  | p  | 滾珠直徑  | Nc | LT   | Coa     | Ca      | D1g6 | L1 | b  | T1   |
|--------------------|----|----|-------|----|------|---------|---------|------|----|----|------|
|                    |    |    |       |    | ±0,1 | N       | N       |      | +2 | P9 | +0,1 |
| SNC 020x05-04-2 -R | 20 | 5  | 3,969 | 2  | 36   | 17.158  | 11.258  | 36   | 16 | 5  | 3    |
| SNC 020x05-04-5 -R |    |    |       | 5  | 52   | 42.896  | 24.758  | 36   | 16 | 5  | 3    |
| SNC 020x06-04-2 -R |    | 6  |       | 2  | 40   | 17.137  | 11.258  | 36   | 16 | 5  | 3    |
| SNC 020x06-04-5 -R |    |    |       | 5  | 60   | 42.843  | 24.758  | 36   | 16 | 5  | 3    |
| SNC 025x05-04-2 -R | 25 | 5  | 3,969 | 2  | 36   | 22.781  | 13.033  | 40   | 16 | 5  | 3    |
| SNC 025x05-04-5 -R |    |    |       | 5  | 52   | 56.952  | 28.659  | 40   | 16 | 5  | 3    |
| SNC 025x06-04-2 -R |    | 6  |       | 2  | 40   | 22.763  | 13.033  | 40   | 16 | 5  | 3    |
| SNC 025x06-04-5 -R |    |    |       | 5  | 60   | 56.907  | 28.659  | 40   | 16 | 5  | 3    |
| SNC 025x08-05-2 -R |    | 8  | 4,762 | 2  | 50   | 25.341  | 15.877  | 40   | 20 | 5  | 3    |
| SNC 025x08-05-5 -R |    |    |       | 5  | 80   | 63.353  | 34.914  | 40   | 20 | 5  | 3    |
| SNC 025x10-05-3 -R |    | 10 |       | 3  | 70   | 37.915  | 22.502  | 40   | 20 | 5  | 3    |
| SNC 025x10-05-6 -R |    |    |       | 6  | 102  | 75.830  | 40.841  | 40   | 20 | 5  | 3    |
| SNC 032x05-04-2 -R | 32 | 5  | 3,969 | 2  | 36   | 31.227  | 15.195  | 50   | 20 | 5  | 3    |
| SNC 032x05-04-5 -R |    |    |       | 5  | 52   | 78.068  | 33.414  | 50   | 20 | 5  | 3    |
| SNC 032x06-04-2 -R |    | 6  |       | 2  | 40   | 31.212  | 15.195  | 50   | 20 | 5  | 3    |
| SNC 032x06-04-5 -R |    |    |       | 5  | 60   | 78.029  | 33.414  | 50   | 20 | 5  | 3    |
| SNC 032x08-06-2 -R |    | 8  | 6,35  | 2  | 50   | 43.182  | 25.928  | 50   | 20 | 5  | 3    |
| SNC 032x08-06-5 -R |    |    |       | 5  | 80   | 107.954 | 57.015  | 50   | 20 | 5  | 3    |
| SNC 032x10-06-3 -R |    | 10 |       | 3  | 74   | 64.671  | 36.745  | 50   | 20 | 5  | 3    |
| SNC 032x10-06-6 -R |    |    |       | 6  | 105  | 129.343 | 66.694  | 50   | 20 | 5  | 3    |
| SNC 032x12-06-3 -R |    | 12 |       | 3  | 87   | 64.549  | 36.745  | 50   | 20 | 5  | 3    |
| SNC 032x12-06-6 -R |    |    |       | 6  | 124  | 129.098 | 66.694  | 50   | 20 | 5  | 3    |
| SNC 040x05-04-2 -R | 40 | 5  | 3,969 | 2  | 36   | 39.739  | 16.851  | 63   | 20 | 5  | 3    |
| SNC 040x05-04-5 -R |    |    |       | 5  | 52   | 99.347  | 37.055  | 63   | 20 | 5  | 3    |
| SNC 040x06-04-2 -R |    | 6  |       | 2  | 40   | 39.726  | 16.851  | 63   | 20 | 5  | 3    |
| SNC 040x06-04-5 -R |    |    |       | 5  | 60   | 99.315  | 37.055  | 63   | 20 | 5  | 3    |
| SNC 040x08-06-3 -R |    | 8  | 6,35  | 3  | 60   | 85.996  | 42.498  | 63   | 20 | 5  | 3    |
| SNC 040x08-06-6 -R |    |    |       | 6  | 85   | 171.992 | 77.135  | 63   | 20 | 5  | 3    |
| SNC 040x10-06-3 -R |    | 10 |       | 3  | 70   | 85.908  | 42.498  | 63   | 20 | 5  | 3    |
| SNC 040x10-06-6 -R |    |    |       | 6  | 105  | 171.816 | 77.135  | 63   | 20 | 5  | 3    |
| SNC 040x12-06-3 -R |    | 12 |       | 3  | 87   | 85.801  | 42.498  | 63   | 20 | 5  | 3    |
| SNC 040x12-06-6 -R |    |    |       | 6  | 124  | 171.601 | 77.135  | 63   | 20 | 5  | 3    |
| SNC 040x16-08-3 -R |    | 16 | 7,938 | 3  | 115  | 97.826  | 54.287  | 63   | 20 | 5  | 3    |
| SNC 040x16-08-6 -R |    |    |       | 6  | 165  | 195.652 | 98.533  | 63   | 20 | 5  | 3    |
| SNC 040x20-08-3 -R |    | 20 |       | 3  | 135  | 105.560 | 57.263  | 63   | 20 | 5  | 3    |
| SNC 040x20-08-6 -R |    |    |       | 6  | 195  | 211.121 | 103.934 | 63   | 20 | 5  | 3    |




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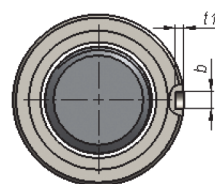
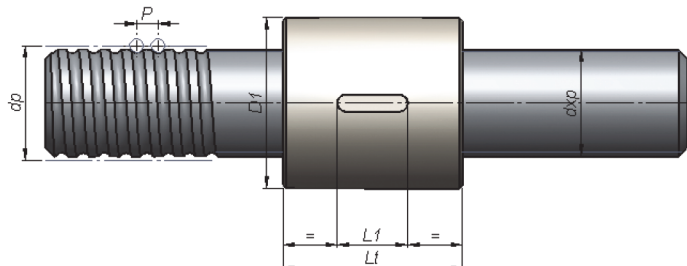
徑向迴珠器



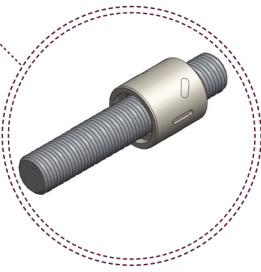
| 代碼                 | d  | p  | 滾珠直徑  | Nc | LT   | Coa     | Ca      | D1g6 | L1 | b  | T1   |
|--------------------|----|----|-------|----|------|---------|---------|------|----|----|------|
|                    |    |    |       |    | ±0,1 | N       | N       |      | +2 | P9 | +0,1 |
| SNC 050x05-04-2 -R | 50 | 5  | 3,969 | 2  | 40   | 51.074  | 18.741  | 75   | 20 | 6  | 3,5  |
| SNC 050x05-04-5 -R |    |    |       | 5  | 50   | 127.684 | 41.211  | 75   | 20 | 6  | 3,5  |
| SNC 050x06-04-2 -R |    | 6  | 3,969 | 2  | 40   | 51.063  | 18.741  | 75   | 20 | 6  | 3,5  |
| SNC 050x06-04-5 -R |    |    |       | 5  | 60   | 127.657 | 41.211  | 75   | 20 | 6  | 3,5  |
| SNC 050x08-06-2 -R |    | 8  | 6,35  | 2  | 50   | 75.085  | 34.094  | 75   | 20 | 6  | 3,5  |
| SNC 050x08-06-5 -R |    |    |       | 5  | 80   | 187.713 | 74.973  | 75   | 20 | 6  | 3,5  |
| SNC 050x10-06-3 -R |    | 10 | 6,35  | 3  | 75   | 112.553 | 48.319  | 75   | 20 | 6  | 3,5  |
| SNC 050x10-06-6 -R |    |    |       | 6  | 105  | 225.105 | 87.700  | 75   | 20 | 6  | 3,5  |
| SNC 050x12-08-3 -R |    | 12 | 7,938 | 3  | 85   | 132.895 | 63.592  | 75   | 20 | 6  | 3,5  |
| SNC 050x12-08-6 -R |    |    |       | 6  | 125  | 265.790 | 115.422 | 75   | 20 | 6  | 3,5  |
| SNC 050x16-10-3 -R |    | 16 | 9,525 | 3  | 119  | 155.307 | 79.909  | 85   | 32 | 6  | 3,5  |
| SNC 050x16-10-6 -R |    |    |       | 6  | 160  | 310.615 | 145.037 | 85   | 32 | 6  | 3,5  |
| SNC 050x20-10-3 -R |    | 20 | 9,525 | 3  | 135  | 154.911 | 79.909  | 85   | 32 | 6  | 3,5  |
| SNC 050x20-10-6 -R |    |    |       | 6  | 195  | 309.821 | 145.037 | 85   | 32 | 6  | 3,5  |
| SNC 063x05-04-2 -R | 63 | 5  | 3,969 | 2  | 40   | 65.267  | 20.666  | 90   | 32 | 6  | 3,5  |
| SNC 063x05-04-5 -R |    |    |       | 5  | 55   | 163.168 | 45.444  | 90   | 32 | 6  | 3,5  |
| SNC 063x08-06-2 -R |    | 8  | 6,35  | 2  | 50   | 99.947  | 38.884  | 90   | 32 | 6  | 3,5  |
| SNC 063x08-06-5 -R |    |    |       | 5  | 80   | 249.867 | 85.508  | 90   | 32 | 6  | 3,5  |
| SNC 063x10-06-3 -R |    | 10 | 6,35  | 3  | 74   | 149.856 | 55.108  | 90   | 32 | 6  | 3,5  |
| SNC 063x10-06-6 -R |    |    |       | 6  | 105  | 299.711 | 100.023 | 90   | 32 | 6  | 3,5  |
| SNC 063x12-06-3 -R |    | 12 | 6,35  | 3  | 85   | 149.777 | 55.108  | 90   | 32 | 8  | 4    |
| SNC 063x12-06-6 -R |    |    |       | 6  | 124  | 299.554 | 100.023 | 90   | 32 | 8  | 4    |
| SNC 063x15-10-3 -R |    | 15 | 9,525 | 3  | 105  | 206.382 | 92.064  | 95   | 32 | 8  | 4    |
| SNC 063x15-10-6 -R |    |    |       | 6  | 152  | 412.765 | 167.100 | 95   | 32 | 8  | 4    |
| SNC 063x16-10-3 -R |    | 16 | 9,525 | 3  | 119  | 206.309 | 92.064  | 95   | 32 | 8  | 4    |
| SNC 063x16-10-6 -R |    |    |       | 6  | 168  | 412.617 | 167.100 | 95   | 32 | 8  | 4    |
| SNC 063x20-10-3 -R |    | 20 | 9,525 | 3  | 134  | 205.967 | 92.064  | 95   | 40 | 8  | 4    |
| SNC 063x20-10-6 -R |    |    |       | 6  | 206  | 411.934 | 167.100 | 95   | 40 | 8  | 4    |
| SNC 063x20-13-3 -R |    |    | 12,7  | 3  | 140  | 254.155 | 128.229 | 105  | 40 | 8  | 4    |
| SNC 063x20-13-6 -R |    |    |       | 6  | 200  | 508.309 | 232.741 | 105  | 40 | 8  | 4    |

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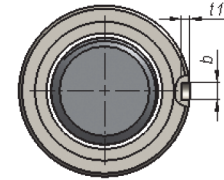
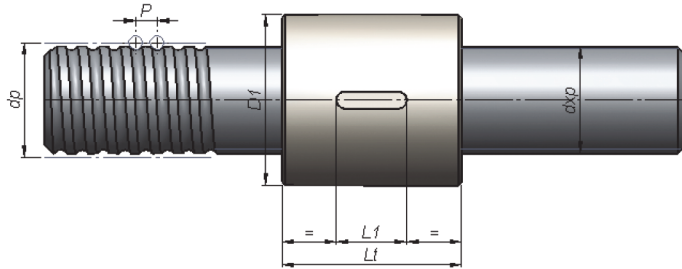
## 徑向迴珠器



| 代碼                 | d   | p  | 滾珠<br>直徑 | Nc    | LT   | Coa       | Ca      | D1g6    | L1  | b   | T1   |   |
|--------------------|-----|----|----------|-------|------|-----------|---------|---------|-----|-----|------|---|
|                    |     |    |          |       | ±0,1 | N         | N       |         | +2  | P9  | +0,1 |   |
| SNC 080x10-06-3 -R | 80  | 10 | 6,35     | 3     | 75   | 192.741   | 61.045  | 105     | 40  | 8   | 4    |   |
| SNC 080x10-06-6 -R |     |    |          | 6     | 105  | 385.482   | 110.799 | 105     | 40  | 8   | 4    |   |
| SNC 080x12-06-3 -R |     | 12 |          | 3     | 87   | 192.678   | 61.045  | 105     | 40  | 8   | 4    |   |
| SNC 080x12-06-6 -R |     |    |          | 6     | 124  | 385.355   | 110.799 | 105     | 40  | 8   | 4    |   |
| SNC 080x15-06-3 -R |     | 15 | 9,525    | 3     | 98   | 192.561   | 61.045  | 105     | 40  | 8   | 4    |   |
| SNC 080x15-06-6 -R |     |    |          | 6     | 145  | 385.121   | 110.799 | 105     | 40  | 8   | 4    |   |
| SNC 080x16-10-3 -R |     | 16 |          | 3     | 119  | 282.651   | 107.233 | 125     | 40  | 8   | 4    |   |
| SNC 080x16-10-6 -R |     |    |          | 6     | 168  | 565.301   | 194.632 | 125     | 40  | 8   | 4    |   |
| SNC 080x20-10-3 -R |     | 20 |          | 9,525 | 3    | 134       | 282.354 | 107.233 | 125 | 64  | 8    | 4 |
| SNC 080x20-10-6 -R |     |    |          |       | 6    | 206       | 564.707 | 194.632 | 125 | 64  | 8    | 4 |
| SNC 080x20-13-3 -R |     |    | 12,7     | 3     | 140  | 344.683   | 149.889 | 125     | 64  | 8   | 4    |   |
| SNC 080x20-13-6 -R |     |    |          | 6     | 205  | 689.367   | 272.054 | 125     | 64  | 8   | 4    |   |
| SNC 080x25-10-3 -R |     | 25 | 9,525    | 3     | 160  | 281.891   | 107.233 | 125     | 64  | 8   | 4    |   |
| SNC 080x25-10-6 -R |     |    |          | 6     | 240  | 563.783   | 194.632 | 125     | 64  | 8   | 4    |   |
| SNC 080x25-13-3 -R |     |    | 12,7     | 3     | 164  | 344.132   | 149.889 | 125     | 64  | 8   | 4    |   |
| SNC 080x25-13-6 -R |     |    |          | 6     | 253  | 688.265   | 272.054 | 125     | 64  | 8   | 4    |   |
| SNC 080x25-16-3 -R |     |    | 15,875   | 3     | 184  | 430.448   | 201.650 | 125     | 64  | 8   | 4    |   |
| SNC 080x25-16-6 -R |     |    |          | 6     | 261  | 860.897   | 366.002 | 125     | 64  | 8   | 4    |   |
| SNC 100x10-06-3 -R | 100 | 10 | 6,35     | 3     | 75   | 246.282   | 67.454  | 125     | 64  | 10  | 5    |   |
| SNC 100x10-06-6 -R |     |    |          | 6     | 105  | 492.564   | 122.432 | 125     | 64  | 10  | 5    |   |
| SNC 100x12-06-3 -R |     | 12 |          | 3     | 87   | 246.230   | 67.454  | 125     | 64  | 10  | 5    |   |
| SNC 100x12-06-6 -R |     |    |          | 6     | 124  | 492.459   | 122.432 | 125     | 64  | 10  | 5    |   |
| SNC 100x16-10-3 -R |     | 16 | 9,525    | 3     | 119  | 372.059   | 121.460 | 135     | 64  | 10  | 5    |   |
| SNC 100x16-10-6 -R |     |    |          | 6     | 168  | 744.118   | 220.455 | 135     | 64  | 10  | 5    |   |
| SNC 100x20-10-3 -R |     | 20 |          | 9,525 | 3    | 134       | 371.805 | 121.460 | 135 | 64  | 10   | 5 |
| SNC 100x20-10-6 -R |     |    |          |       | 6    | 206       | 743.609 | 220.455 | 135 | 100 | 10   | 5 |
| SNC 100x20-13-3 -R |     |    | 12,7     | 3     | 150  | 458.016   | 171.983 | 150     | 100 | 10  | 5    |   |
| SNC 100x20-13-6 -R |     |    |          | 6     | 211  | 916.032   | 312.155 | 150     | 100 | 10  | 5    |   |
| SNC 100x25-10-3 -R |     | 25 | 9,525    | 3     | 159  | 371.408   | 121.460 | 150     | 100 | 10  | 5    |   |
| SNC 100x25-10-6 -R |     |    |          | 6     | 236  | 742.816   | 220.455 | 150     | 100 | 10  | 5    |   |
| SNC 100x25-13-3 -R |     |    | 12,7     | 3     | 164  | 457.537   | 171.983 | 150     | 100 | 10  | 5    |   |
| SNC 100x25-13-6 -R |     |    |          | 6     | 253  | 915.074   | 312.155 | 150     | 100 | 10  | 5    |   |
| SNC 100x25-16-3 -R |     |    | 15,875   | 3     | 184  | 571.828   | 233.116 | 150     | 100 | 10  | 5    |   |
| SNC 100x25-16-6 -R |     |    |          | 6     | 261  | 1.143.656 | 423.115 | 150     | 100 | 10  | 5    |   |


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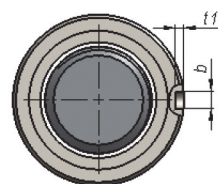
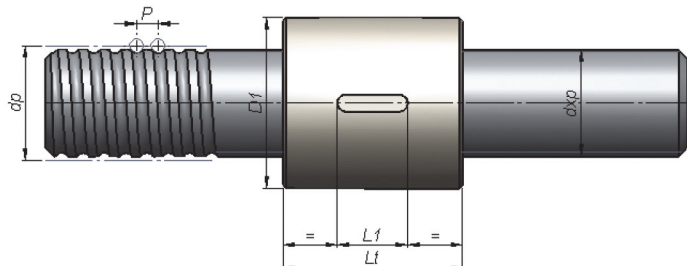
徑向迴珠器



| 代碼                 | d   | p  | 滾珠<br>直徑 | Nc | LT   | Coa       | Ca      | D1g6 | L1  | b  | T1   |
|--------------------|-----|----|----------|----|------|-----------|---------|------|-----|----|------|
|                    |     |    |          |    | ±0,1 | N         | N       |      | +2  | P9 | +0,1 |
| SNC 120x10-06-3 -R | 120 | 10 | 6,35     | 3  | 74   | 299.850   | 72.935  | 150  | 100 | 10 | 5    |
| SNC 120x10-06-6 -R |     |    |          | 6  | 105  | 599.699   | 132.380 | 150  | 100 | 10 | 5    |
| SNC 120x12-06-3 -R |     | 12 | 6,35     | 3  | 87   | 299.805   | 72.935  | 160  | 100 | 10 | 5    |
| SNC 120x12-06-6 -R |     |    |          | 6  | 124  | 599.610   | 132.380 | 160  | 100 | 10 | 5    |
| SNC 120x16-10-3 -R |     | 16 | 9,525    | 3  | 119  | 449.162   | 130.943 | 170  | 100 | 10 | 5    |
| SNC 120x16-10-6 -R |     |    |          | 6  | 168  | 898.324   | 237.666 | 170  | 100 | 10 | 5    |
| SNC 120x20-10-3 -R |     | 20 | 9,525    | 3  | 134  | 448.946   | 130.943 | 170  | 100 | 10 | 5    |
| SNC 120x20-10-6 -R |     |    |          | 6  | 206  | 897.892   | 237.666 | 170  | 100 | 10 | 5    |
| SNC 120x20-13-3 -R |     |    | 12,7     | 3  | 150  | 571.681   | 190.295 | 170  | 100 | 10 | 5    |
| SNC 120x20-13-6 -R |     |    |          | 6  | 211  | 1.143.362 | 345.392 | 170  | 100 | 10 | 5    |
| SNC 120x25-10-3 -R |     | 25 | 9,525    | 3  | 159  | 448.610   | 130.943 | 170  | 100 | 10 | 5    |
| SNC 120x25-10-6 -R |     |    |          | 6  | 236  | 897.219   | 237.666 | 170  | 100 | 10 | 5    |
| SNC 120x25-13-3 -R |     |    | 12,7     | 3  | 164  | 571.259   | 190.295 | 170  | 100 | 10 | 5    |
| SNC 120x25-13-6 -R |     |    |          | 6  | 253  | 1.142.519 | 345.392 | 170  | 100 | 10 | 5    |
| SNC 120x25-16-3 -R |     |    | 15,875   | 3  | 184  | 713.695   | 259.099 | 170  | 100 | 10 | 5    |
| SNC 120x25-16-6 -R |     |    |          | 6  | 261  | 1.427.389 | 470.275 | 170  | 100 | 10 | 5    |
| SNC 125x10-06-3 -R | 125 | 10 | 6,35     | 3  | 74   | 310.612   | 73.780  | 150  | 100 | 10 | 5    |
| SNC 125x10-06-6 -R |     |    |          | 6  | 105  | 621.224   | 133.914 | 150  | 100 | 10 | 5    |
| SNC 125x12-06-3 -R |     | 12 | 6,35     | 3  | 87   | 310.569   | 73.780  | 160  | 100 | 10 | 5    |
| SNC 125x12-06-6 -R |     |    |          | 6  | 124  | 621.138   | 133.914 | 160  | 100 | 10 | 5    |
| SNC 125x16-10-3 -R |     | 16 | 9,525    | 3  | 119  | 474.682   | 134.302 | 170  | 100 | 10 | 5    |
| SNC 125x16-10-6 -R |     |    |          | 6  | 168  | 949.363   | 243.764 | 170  | 100 | 10 | 5    |
| SNC 125x20-10-3 -R |     | 20 | 9,525    | 3  | 134  | 474.471   | 134.302 | 170  | 100 | 10 | 5    |
| SNC 125x20-10-6 -R |     |    |          | 6  | 206  | 948.942   | 243.764 | 170  | 100 | 10 | 5    |
| SNC 125x20-13-3 -R |     |    | 12,7     | 3  | 150  | 594.624   | 193.249 | 170  | 100 | 10 | 5    |
| SNC 125x20-13-6 -R |     |    |          | 6  | 211  | 1.189.248 | 350.755 | 170  | 100 | 10 | 5    |
| SNC 125x25-10-3 -R |     | 25 | 9,525    | 3  | 159  | 474.143   | 134.302 | 170  | 100 | 10 | 5    |
| SNC 125x25-10-6 -R |     |    |          | 6  | 236  | 948.285   | 243.764 | 170  | 100 | 10 | 5    |
| SNC 125x25-13-3 -R |     |    | 12,7     | 3  | 164  | 594.219   | 193.249 | 170  | 100 | 10 | 5    |
| SNC 125x25-13-6 -R |     |    |          | 6  | 253  | 1.188.437 | 350.755 | 170  | 100 | 10 | 5    |
| SNC 125x25-16-3 -R |     |    | 15,875   | 3  | 184  | 749.209   | 264.966 | 180  | 100 | 10 | 5    |
| SNC 125x25-16-6 -R |     |    |          | 6  | 261  | 1.498.418 | 480.923 | 180  | 100 | 10 | 5    |
| SNC 125x25-20-3 -R |     |    | 19,05    | 3  | 186  | 875.337   | 333.982 | 190  | 100 | 10 | 5    |
| SNC 125x25-20-6 -R |     |    |          | 6  | 264  | 1.750.674 | 606.191 | 190  | 100 | 10 | 5    |

單螺帽  
圓柱式

## 徑向迴珠器



| 代碼                 | d   | p  | 滾珠直徑   | Nc | LT   | Coa       | Ca      | D1g6 | L1  | b  | T1   |
|--------------------|-----|----|--------|----|------|-----------|---------|------|-----|----|------|
|                    |     |    |        |    | ±0,1 | N         | N       |      | +2  | P9 | +0,1 |
| SNC 140x20-13-6 -R | 140 | 20 | 12,7   | 6  | 211  | 1.371.064 | 374.008 | 190  | 100 | 10 | 5    |
| SNC 140x25-13-6 -R |     | 25 |        | 6  | 253  | 1.370.313 | 374.008 | 190  | 100 | 10 | 5    |
| SNC 140x25-16-6 -R |     | 25 | 15,875 | 6  | 261  | 1.711.664 | 510.700 | 190  | 100 | 10 | 5    |
| SNC 140x25-20-6 -R |     |    | 19,05  | 6  | 264  | 2.055.160 | 657.158 | 200  | 100 | 10 | 5    |
| SNC 160x20-13-6 -R | 160 | 20 | 12,7   | 6  | 211  | 1.598.995 | 399.304 | 210  | 100 | 10 | 5    |
| SNC 160x25-13-6 -R |     | 25 |        | 6  | 253  | 1.598.320 | 399.304 | 210  | 100 | 10 | 5    |
| SNC 160x25-16-6 -R |     | 25 | 15,875 | 6  | 261  | 1.996.270 | 546.291 | 210  | 100 | 10 | 5    |
| SNC 160x25-20-6 -R |     |    | 19,05  | 6  | 264  | 2.363.864 | 698.119 | 220  | 100 | 10 | 5    |
| SNC 180x20-13-6 -R | 180 | 20 | 12,7   | 6  | 211  | 1.827.078 | 422.096 | 230  | 100 | 10 | 5    |
| SNC 180x25-13-6 -R |     | 25 |        | 6  | 253  | 1.826.464 | 422.096 | 230  | 100 | 10 | 5    |
| SNC 180x25-16-6 -R |     | 25 | 15,875 | 6  | 261  | 2.281.093 | 578.248 | 230  | 100 | 10 | 5    |
| SNC 180x25-20-6 -R |     |    | 19,05  | 6  | 264  | 2.672.551 | 734.946 | 240  | 100 | 10 | 5    |
| SNC 200x20-13-6 -R | 200 | 20 | 12,7   | 6  | 211  | 2.055.265 | 442.925 | 250  | 100 | 10 | 5    |
| SNC 200x25-13-6 -R |     | 25 |        | 6  | 253  | 2.054.703 | 442.925 | 250  | 100 | 10 | 5    |
| SNC 200x25-16-6 -R |     | 25 | 15,875 | 6  | 261  | 2.566.067 | 607.371 | 250  | 100 | 10 | 5    |
| SNC 200x25-20-6 -R |     |    | 19,05  | 6  | 264  | 3.080.599 | 785.546 | 260  | 100 | 10 | 5    |
| SNC 220x20-13-6 -R | 220 | 20 | 12,7   | 6  | 211  | 2.283.527 | 462.171 | 270  | 100 | 10 | 5    |
| SNC 220x25-13-6 -R |     | 25 |        | 6  | 253  | 2.283.010 | 462.171 | 270  | 100 | 10 | 5    |
| SNC 220x25-16-6 -R |     | 25 | 15,875 | 6  | 261  | 2.851.148 | 634.217 | 270  | 100 | 10 | 5    |
| SNC 220x25-20-6 -R |     |    | 19,05  | 6  | 264  | 3.389.582 | 815.673 | 280  | 100 | 10 | 5    |
| SNC 240x20-13-6 -R | 240 | 20 | 12,7   | 6  | 211  | 2.511.846 | 480.107 | 290  | 100 | 10 | 5    |
| SNC 240x25-13-6 -R |     | 25 |        | 6  | 253  | 2.511.366 | 480.107 | 290  | 100 | 10 | 5    |
| SNC 240x25-16-6 -R |     | 25 | 15,875 | 6  | 261  | 3.136.309 | 659.190 | 290  | 100 | 10 | 5    |
| SNC 240x25-20-6 -R |     |    | 19,05  | 6  | 264  | 3.698.503 | 843.797 | 300  | 100 | 10 | 5    |
| SNC 260x20-13-6 -R | 260 | 20 | 12,7   | 6  | 211  | 2.740.208 | 496.942 | 310  | 100 | 10 | 5    |
| SNC 260x25-13-6 -R |     | 25 |        | 6  | 253  | 2.739.760 | 496.942 | 310  | 100 | 10 | 5    |
| SNC 260x25-16-6 -R |     | 25 | 15,875 | 6  | 261  | 3.421.531 | 682.592 | 310  | 100 | 10 | 5    |
| SNC 260x25-20-6 -R |     |    | 19,05  | 6  | 264  | 4.007.376 | 870.240 | 320  | 100 | 10 | 5    |
| SNC 280x20-13-6 -R | 280 | 20 | 12,7   | 6  | 211  | 2.968.603 | 512.832 | 330  | 100 | 10 | 5    |
| SNC 280x25-13-6 -R |     | 25 |        | 6  | 253  | 2.968.184 | 512.832 | 330  | 100 | 10 | 5    |
| SNC 280x25-16-6 -R |     | 25 | 15,875 | 6  | 261  | 3.706.800 | 704.653 | 330  | 100 | 10 | 5    |
| SNC 280x25-20-6 -R |     |    | 19,05  | 6  | 264  | 4.416.587 | 909.076 | 340  | 100 | 10 | 5    |
| SNC 300x20-13-6 -R | 300 | 20 | 12,7   | 6  | 211  | 3.197.026 | 527.905 | 350  | 100 | 10 | 5    |
| SNC 300x25-13-6 -R |     | 25 |        | 6  | 253  | 3.196.632 | 527.905 | 350  | 100 | 10 | 5    |
| SNC 300x25-16-6 -R |     | 25 | 15,875 | 6  | 261  | 3.992.108 | 725.556 | 350  | 100 | 10 | 5    |
| SNC 300x25-20-6 -R |     |    | 19,05  | 6  | 264  | 4.725.558 | 932.287 | 360  | 100 | 10 | 5    |

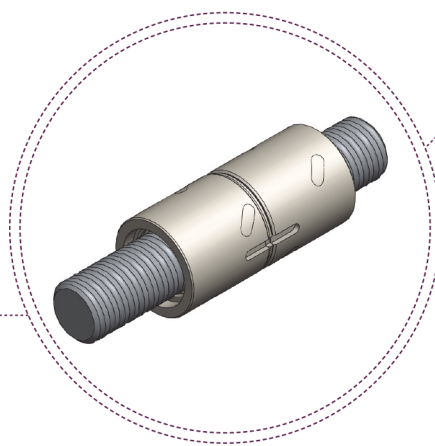




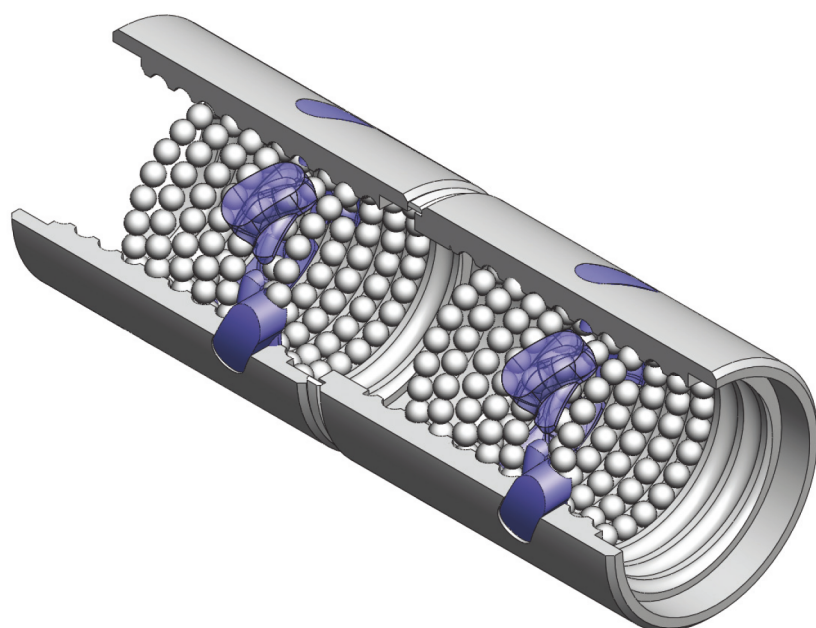
BSG - ZUAZO



## 雙螺帽 圓柱式



徑向迴珠器



DNC radial

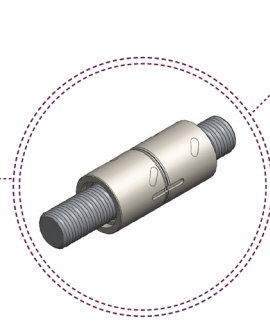
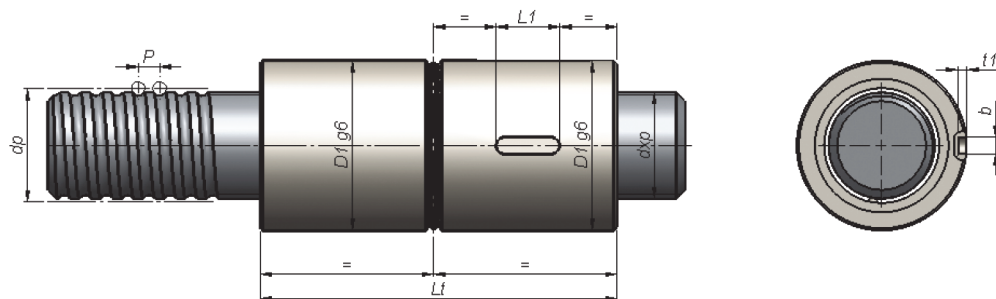
**bsg**  
ZUAZO





# 雙螺帽 圓柱式

## 徑向迴珠器



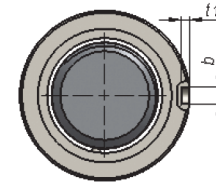
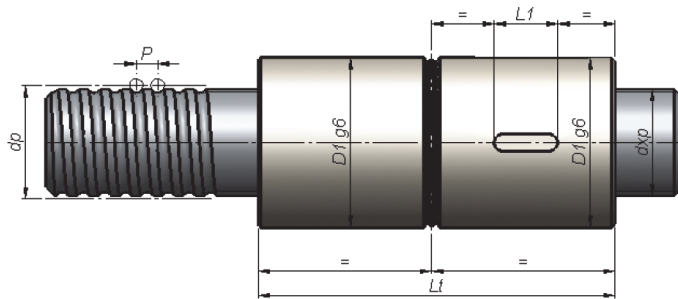
| 代碼                 | d  | p  | 滾珠<br>直徑 | Nc | LT   | Coa     | Ca      | D1g6 | L1 | b  | T1   |
|--------------------|----|----|----------|----|------|---------|---------|------|----|----|------|
|                    |    |    |          |    | ±0,1 | N       | N       |      | +2 | P9 | +0,1 |
| DNC 020x05-04-2 -R | 20 | 5  | 3,969    | 2  | 75   | 17.158  | 11.258  | 36   | 16 | 5  | 3    |
| DNC 020x05-04-5 -R |    |    |          | 5  | 105  | 42.896  | 24.758  | 36   | 16 | 5  | 3    |
| DNC 020x06-04-2 -R |    | 6  |          | 2  | 80   | 17.137  | 11.258  | 36   | 16 | 5  | 3    |
| DNC 020x06-04-5 -R |    |    |          | 5  | 117  | 42.843  | 24.758  | 36   | 16 | 5  | 3    |
| DNC 025x05-04-2 -R | 25 | 5  | 3,969    | 2  | 75   | 22.781  | 13.033  | 40   | 16 | 5  | 3    |
| DNC 025x05-04-5 -R |    |    |          | 5  | 105  | 56.952  | 28.659  | 40   | 16 | 5  | 3    |
| DNC 025x06-04-2 -R |    | 6  |          | 2  | 80   | 22.763  | 13.033  | 40   | 16 | 5  | 3    |
| DNC 025x06-04-5 -R |    |    |          | 5  | 117  | 56.907  | 28.659  | 40   | 16 | 5  | 3    |
| DNC 025x08-05-2 -R |    | 8  | 4,762    | 2  | 92   | 25.341  | 15.877  | 40   | 20 | 5  | 3    |
| DNC 025x08-05-5 -R |    |    |          | 5  | 150  | 63.353  | 34.914  | 40   | 20 | 5  | 3    |
| DNC 025x10-05-3 -R |    | 10 |          | 3  | 130  | 37.915  | 22.502  | 40   | 20 | 5  | 3    |
| DNC 025x10-05-6 -R |    |    |          | 6  | 190  | 75.830  | 40.841  | 40   | 20 | 5  | 3    |
| DNC 032x05-04-2 -R | 32 | 5  | 3,969    | 2  | 65   | 31.227  | 15.195  | 50   | 20 | 5  | 3    |
| DNC 032x05-04-5 -R |    |    |          | 5  | 105  | 78.068  | 33.414  | 50   | 20 | 5  | 3    |
| DNC 032x06-04-2 -R |    | 6  |          | 2  | 81   | 31.212  | 15.195  | 50   | 20 | 5  | 3    |
| DNC 032x06-04-5 -R |    |    |          | 5  | 120  | 78.029  | 33.414  | 50   | 20 | 5  | 3    |
| DNC 032x08-06-2 -R |    | 8  | 6,35     | 2  | 106  | 43.182  | 25.928  | 50   | 20 | 5  | 3    |
| DNC 032x08-06-5 -R |    |    |          | 5  | 157  | 107.954 | 57.015  | 50   | 20 | 5  | 3    |
| DNC 032x10-06-3 -R |    | 10 |          | 3  | 135  | 64.671  | 36.745  | 50   | 20 | 5  | 3    |
| DNC 032x10-06-6 -R |    |    |          | 6  | 197  | 129.343 | 66.694  | 50   | 20 | 5  | 3    |
| DNC 032x12-06-3 -R |    | 12 |          | 3  | 154  | 64.549  | 36.745  | 50   | 20 | 5  | 3    |
| DNC 032x12-06-6 -R |    |    |          | 6  | 228  | 129.098 | 66.694  | 50   | 20 | 5  | 3    |
| DNC 040x05-04-2 -R | 40 | 5  | 3,969    | 2  | 80   | 39.739  | 16.851  | 63   | 20 | 5  | 3    |
| DNC 040x05-04-5 -R |    |    |          | 5  | 110  | 99.347  | 37.055  | 63   | 20 | 5  | 3    |
| DNC 040x06-04-2 -R |    | 6  |          | 2  | 83   | 39.726  | 16.851  | 63   | 20 | 5  | 3    |
| DNC 040x06-04-5 -R |    |    |          | 5  | 120  | 99.315  | 37.055  | 63   | 20 | 5  | 3    |
| DNC 040x08-06-3 -R |    | 8  | 6,35     | 3  | 126  | 85.996  | 42.498  | 63   | 20 | 5  | 3    |
| DNC 040x08-06-6 -R |    |    |          | 6  | 175  | 171.992 | 77.135  | 63   | 20 | 5  | 3    |
| DNC 040x10-06-3 -R |    | 10 |          | 3  | 137  | 85.908  | 42.498  | 63   | 20 | 5  | 3    |
| DNC 040x10-06-6 -R |    |    |          | 6  | 200  | 171.816 | 77.135  | 63   | 20 | 5  | 3    |
| DNC 040x12-06-3 -R |    | 12 |          | 3  | 156  | 85.801  | 42.498  | 63   | 20 | 5  | 3    |
| DNC 040x12-06-6 -R |    |    |          | 6  | 230  | 171.601 | 77.135  | 63   | 20 | 5  | 3    |
| DNC 040x16-08-3 -R |    | 16 | 7,938    | 3  | 208  | 97.826  | 54.287  | 63   | 20 | 5  | 3    |
| DNC 040x16-08-6 -R |    |    |          | 6  | 305  | 195.652 | 98.533  | 63   | 20 | 5  | 3    |
| DNC 040x20-08-3 -R |    | 20 |          | 3  | 305  | 105.560 | 57.263  | 63   | 20 | 5  | 3    |
| DNC 040x20-08-6 -R |    |    |          | 6  | 350  | 211.121 | 103.934 | 63   | 20 | 5  | 3    |





# 雙螺帽 圓柱式

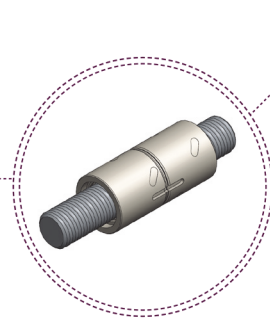
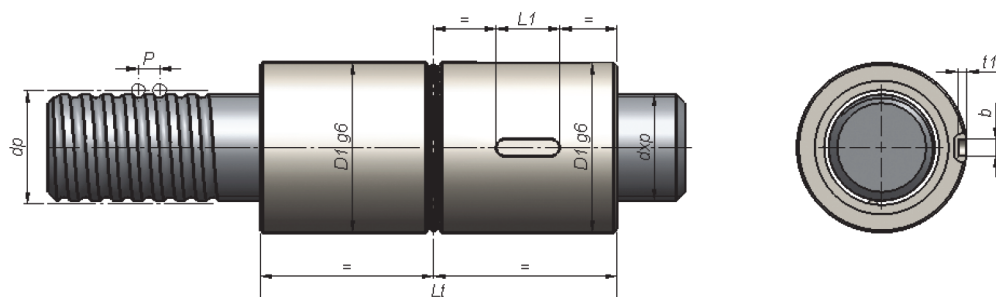
## 徑向迴珠器



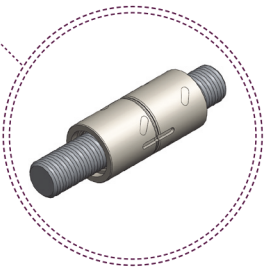
| 代碼                 | d  | p  | 滾珠<br>直徑 | Nc | LT   | Coa     | Ca      | D1g6 | L1 | b  | T1   |
|--------------------|----|----|----------|----|------|---------|---------|------|----|----|------|
|                    |    |    |          |    | ±0,1 | N       | N       |      | +2 | P9 | +0,1 |
| DNC 050x05-04-2 -R | 50 | 5  | 3,969    | 2  | 75   | 51.074  | 18.741  | 75   | 20 | 6  | 3,5  |
| DNC 050x05-04-5 -R |    |    |          | 5  | 105  | 127.684 | 41.211  | 75   | 20 | 6  | 3,5  |
| DNC 050x06-04-2 -R |    | 6  | 3,969    | 2  | 75   | 51.063  | 18.741  | 75   | 20 | 6  | 3,5  |
| DNC 050x06-04-5 -R |    |    |          | 5  | 110  | 127.657 | 41.211  | 75   | 20 | 6  | 3,5  |
| DNC 050x08-06-2 -R |    | 8  | 6,35     | 2  | 125  | 75.085  | 34.094  | 75   | 20 | 6  | 3,5  |
| DNC 050x08-06-5 -R |    |    |          | 5  | 173  | 187.713 | 74.973  | 75   | 20 | 6  | 3,5  |
| DNC 050x10-06-3 -R |    | 10 | 6,35     | 3  | 135  | 112.553 | 48.319  | 75   | 20 | 6  | 3,5  |
| DNC 050x10-06-6 -R |    |    |          | 6  | 195  | 225.105 | 87.700  | 75   | 20 | 6  | 3,5  |
| DNC 050x12-08-3 -R |    | 12 | 7,938    | 3  | 160  | 132.895 | 63.592  | 75   | 20 | 6  | 3,5  |
| DNC 050x12-08-6 -R |    |    |          | 6  | 232  | 265.790 | 115.422 | 75   | 20 | 6  | 3,5  |
| DNC 050x16-10-3 -R |    | 16 | 9,525    | 3  | 210  | 155.307 | 79.909  | 85   | 32 | 6  | 3,5  |
| DNC 050x16-10-6 -R |    |    |          | 6  | 305  | 310.615 | 145.037 | 85   | 32 | 6  | 3,5  |
| DNC 050x20-10-3 -R | 63 | 20 | 9,525    | 3  | 228  | 154.911 | 79.909  | 85   | 32 | 6  | 3,5  |
| DNC 050x20-10-6 -R |    |    |          | 6  | 348  | 309.821 | 145.037 | 85   | 32 | 6  | 3,5  |
| DNC 063x05-04-2 -R |    | 5  | 3,969    | 2  | 70   | 65.267  | 20.666  | 90   | 32 | 6  | 3,5  |
| DNC 063x05-04-5 -R |    |    |          | 5  | 100  | 163.168 | 45.444  | 90   | 32 | 6  | 3,5  |
| DNC 063x08-06-2 -R |    | 8  | 6,35     | 2  | 105  | 99.947  | 38.884  | 90   | 32 | 6  | 3,5  |
| DNC 063x08-06-5 -R |    |    |          | 5  | 153  | 249.867 | 85.508  | 90   | 32 | 6  | 3,5  |
| DNC 063x10-06-3 -R |    | 10 | 6,35     | 3  | 132  | 149.856 | 55.108  | 90   | 32 | 6  | 3,5  |
| DNC 063x10-06-6 -R |    |    |          | 6  | 192  | 299.711 | 100.023 | 90   | 32 | 6  | 3,5  |
| DNC 063x12-06-3 -R |    | 12 | 6,35     | 3  | 155  | 149.777 | 55.108  | 90   | 32 | 8  | 4    |
| DNC 063x12-06-6 -R |    |    |          | 6  | 227  | 299.554 | 100.023 | 90   | 32 | 8  | 4    |
| DNC 063x15-10-3 -R |    | 15 | 9,525    | 3  | 200  | 206.382 | 92.064  | 95   | 32 | 8  | 4    |
| DNC 063x15-10-6 -R |    |    |          | 6  | 290  | 412.765 | 167.100 | 95   | 32 | 8  | 4    |
| DNC 063x16-10-3 -R | 63 | 16 | 9,525    | 3  | 210  | 206.309 | 92.064  | 95   | 32 | 8  | 4    |
| DNC 063x16-10-6 -R |    |    |          | 6  | 305  | 412.617 | 167.100 | 95   | 32 | 8  | 4    |
| DNC 063x20-10-3 -R |    | 20 | 9,525    | 3  | 233  | 205.967 | 92.064  | 95   | 40 | 8  | 4    |
| DNC 063x20-10-6 -R |    |    |          | 6  | 353  | 411.934 | 167.100 | 95   | 40 | 8  | 4    |
| DNC 063x20-13-3 -R |    |    | 12,7     | 3  | 264  | 254.155 | 128.229 | 105  | 40 | 8  | 4    |
| DNC 063x20-13-6 -R |    |    |          | 6  | 384  | 508.309 | 232.741 | 105  | 40 | 8  | 4    |

# 雙螺帽 圓柱式

## 徑向迴珠器

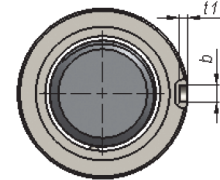
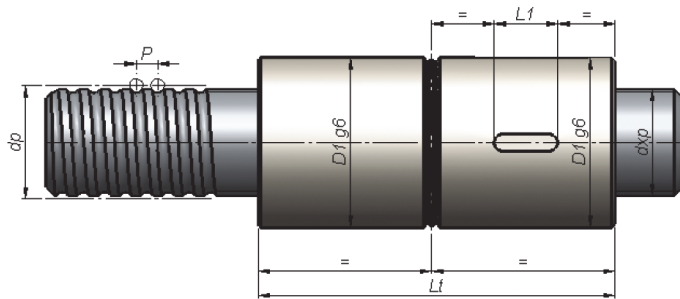


| 代碼                 | d   | p  | 滾珠<br>直徑 | Nc    | LT    | Coa       | Ca      | D1g6    | L1      | b   | T1   |    |   |
|--------------------|-----|----|----------|-------|-------|-----------|---------|---------|---------|-----|------|----|---|
|                    |     |    |          |       | ±0,1  | N         | N       |         | +2      | P9  | +0,1 |    |   |
| DNC 080x10-06-3 -R | 80  | 10 | 6,35     | 3     | 135   | 192.741   | 61.045  | 105     | 40      | 8   | 4    |    |   |
| DNC 080x10-06-6 -R |     |    |          | 6     | 195   | 385.482   | 110.799 | 105     | 40      | 8   | 4    |    |   |
| DNC 080x12-06-3 -R |     | 12 |          | 3     | 155   | 192.678   | 61.045  | 105     | 40      | 8   | 4    |    |   |
| DNC 080x12-06-6 -R |     |    |          | 6     | 227   | 385.355   | 110.799 | 105     | 40      | 8   | 4    |    |   |
| DNC 080x15-06-3 -R |     | 15 | 9,525    | 3     | 170   | 192.561   | 61.045  | 105     | 40      | 8   | 4    |    |   |
| DNC 080x15-06-6 -R |     |    |          | 6     | 260   | 385.121   | 110.799 | 105     | 40      | 8   | 4    |    |   |
| DNC 080x16-10-3 -R |     | 16 |          | 9,525 | 3     | 210       | 282.651 | 107.233 | 125     | 40  | 8    | 4  |   |
| DNC 080x16-10-6 -R |     |    |          |       | 6     | 305       | 565.301 | 194.632 | 125     | 40  | 8    | 4  |   |
| DNC 080x20-10-3 -R |     | 20 |          |       | 9,525 | 3         | 235     | 282.354 | 107.233 | 125 | 64   | 8  | 4 |
| DNC 080x20-10-6 -R |     |    |          |       |       | 6         | 355     | 564.707 | 194.632 | 125 | 64   | 8  | 4 |
| DNC 080x20-13-3 -R |     |    | 12,7     | 3     | 165   | 344.683   | 149.889 | 125     | 64      | 8   | 4    |    |   |
| DNC 080x20-13-6 -R |     |    |          | 6     | 285   | 689.367   | 272.054 | 125     | 64      | 8   | 4    |    |   |
| DNC 080x25-10-3 -R |     | 25 | 9,525    | 3     | 282   | 281.891   | 107.233 | 125     | 64      | 8   | 4    |    |   |
| DNC 080x25-10-6 -R |     |    |          | 6     | 432   | 563.783   | 194.632 | 125     | 64      | 8   | 4    |    |   |
| DNC 080x25-13-3 -R |     |    | 12,7     | 3     | 292   | 344.132   | 149.889 | 125     | 64      | 8   | 4    |    |   |
| DNC 080x25-13-6 -R |     |    |          | 6     | 442   | 688.265   | 272.054 | 125     | 64      | 8   | 4    |    |   |
| DNC 080x25-16-3 -R |     |    | 15,875   | 3     | 323   | 430.448   | 201.650 | 125     | 64      | 8   | 4    |    |   |
| DNC 080x25-16-6 -R |     |    |          | 6     | 473   | 860.897   | 366.002 | 1125    | 64      | 8   | 4    |    |   |
| DNC 100x10-06-3 -R | 100 | 10 | 6,35     | 3     | 133   | 246.282   | 67.454  | 125     | 64      | 10  | 5    |    |   |
| DNC 100x10-06-6 -R |     |    |          | 6     | 193   | 492.564   | 122.432 | 125     | 64      | 10  | 5    |    |   |
| DNC 100x12-06-3 -R |     | 12 |          | 9,525 | 3     | 155       | 246.230 | 67.454  | 125     | 64  | 10   | 5  |   |
| DNC 100x12-06-6 -R |     |    |          |       | 6     | 227       | 492.459 | 122.432 | 125     | 64  | 10   | 5  |   |
| DNC 100x16-10-3 -R |     | 16 | 9,525    |       | 3     | 210       | 372.059 | 121.460 | 135     | 64  | 10   | 5  |   |
| DNC 100x16-10-6 -R |     |    |          |       | 6     | 305       | 744.118 | 220.455 | 135     | 64  | 10   | 5  |   |
| DNC 100x20-10-3 -R |     | 20 |          |       | 9,525 | 3         | 233     | 371.805 | 121.460 | 135 | 64   | 10 | 5 |
| DNC 100x20-10-6 -R |     |    |          |       |       | 6         | 353     | 743.609 | 220.455 | 135 | 100  | 10 | 5 |
| DNC 100x20-13-3 -R |     |    | 12,7     | 3     | 260   | 458.016   | 171.983 | 150     | 100     | 10  | 5    |    |   |
| DNC 100x20-13-6 -R |     |    |          | 6     | 380   | 916.032   | 312.155 | 150     | 100     | 10  | 5    |    |   |
| DNC 100x25-10-3 -R |     | 25 | 9,525    | 3     | 282   | 371.408   | 121.460 | 150     | 100     | 10  | 5    |    |   |
| DNC 100x25-10-6 -R |     |    |          | 6     | 432   | 742.816   | 220.455 | 150     | 100     | 10  | 5    |    |   |
| DNC 100x25-13-3 -R |     |    | 12,7     | 3     | 292   | 457.537   | 171.983 | 150     | 100     | 10  | 5    |    |   |
| DNC 100x25-13-6 -R |     |    |          | 6     | 442   | 915.074   | 312.155 | 150     | 100     | 10  | 5    |    |   |
| DNC 100x25-16-3 -R |     |    | 15,875   | 3     | 323   | 571.828   | 233.116 | 150     | 100     | 10  | 5    |    |   |
| DNC 100x25-16-6 -R |     |    |          | 6     | 473   | 1.143.656 | 423.115 | 150     | 100     | 10  | 5    |    |   |



雙螺帽  
圓柱式

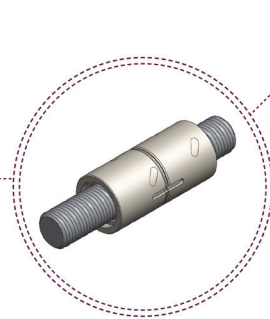
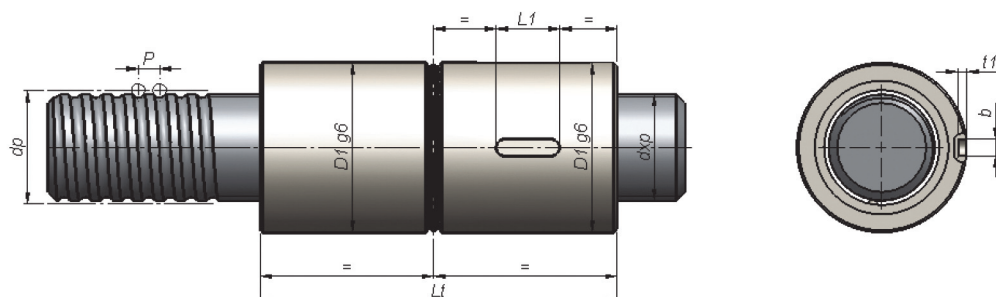
徑向迴珠器



| 代碼                 | d   | p  | 滾珠<br>直徑 | Nc | LT   | Coa       | Ca      | D1g6 | L1  | b  | T1   |
|--------------------|-----|----|----------|----|------|-----------|---------|------|-----|----|------|
|                    |     |    |          |    | ±0,1 | N         | N       |      | +2  | P9 | +0,1 |
| DNC 120x10-06-3 -R | 120 | 10 | 6,35     | 3  | 33   | 299.850   | 72.935  | 150  | 100 | 10 | 5    |
| DNC 120x10-06-6 -R |     |    |          | 6  | 193  | 599.699   | 132.380 | 150  | 100 | 10 | 5    |
| DNC 120x12-06-3 -R |     | 12 | 6,35     | 3  | 154  | 299.805   | 72.935  | 160  | 100 | 10 | 5    |
| DNC 120x12-06-6 -R |     |    |          | 6  | 226  | 599.610   | 132.380 | 160  | 100 | 10 | 5    |
| DNC 120x16-10-3 -R |     | 16 | 9,525    | 3  | 210  | 449.162   | 130.943 | 170  | 100 | 10 | 5    |
| DNC 120x16-10-6 -R |     |    |          | 6  | 306  | 898.324   | 237.666 | 170  | 100 | 10 | 5    |
| DNC 120x20-10-3 -R |     | 20 | 9,525    | 3  | 233  | 448.946   | 130.943 | 170  | 100 | 10 | 5    |
| DNC 120x20-10-6 -R |     |    |          | 6  | 353  | 897.892   | 237.666 | 170  | 100 | 10 | 5    |
| DNC 120x20-13-3 -R |     |    | 12,7     | 3  | 264  | 571.681   | 190.295 | 170  | 100 | 10 | 5    |
| DNC 120x20-13-6 -R |     |    |          | 6  | 384  | 1.143.362 | 345.392 | 170  | 100 | 10 | 5    |
| DNC 120x25-10-3 -R |     | 25 | 9,525    | 3  | 280  | 448.610   | 130.943 | 170  | 100 | 10 | 5    |
| DNC 120x25-10-6 -R |     |    |          | 6  | 430  | 897.219   | 237.666 | 170  | 100 | 10 | 5    |
| DNC 120x25-13-3 -R |     |    | 12,7     | 3  | 290  | 571.259   | 190.295 | 170  | 100 | 10 | 5    |
| DNC 120x25-13-6 -R |     |    |          | 6  | 440  | 1.142.519 | 345.392 | 170  | 100 | 10 | 5    |
| DNC 120x25-16-3 -R |     |    | 15,875   | 3  | 320  | 713.695   | 259.099 | 170  | 100 | 10 | 5    |
| DNC 120x25-16-6 -R |     |    |          | 6  | 470  | 1.427.389 | 470.275 | 170  | 100 | 10 | 5    |
| DNC 125x10-06-3 -R | 125 | 10 | 6,35     | 3  | 140  | 310.612   | 73.780  | 150  | 100 | 10 | 5    |
| DNC 125x10-06-6 -R |     |    |          | 6  | 200  | 621.224   | 133.914 | 150  | 100 | 10 | 5    |
| DNC 125x12-06-3 -R |     | 12 | 6,35     | 3  | 150  | 310.569   | 73.780  | 160  | 100 | 10 | 5    |
| DNC 125x12-06-6 -R |     |    |          | 6  | 222  | 621.138   | 133.914 | 160  | 100 | 10 | 5    |
| DNC 125x16-10-3 -R |     | 16 | 9,525    | 3  | 210  | 474.682   | 134.302 | 170  | 100 | 10 | 5    |
| DNC 125x16-10-6 -R |     |    |          | 6  | 306  | 949.363   | 243.764 | 170  | 100 | 10 | 5    |
| DNC 125x20-10-3 -R |     | 20 | 9,525    | 3  | 233  | 474.471   | 134.302 | 170  | 100 | 10 | 5    |
| DNC 125x20-10-6 -R |     |    |          | 6  | 353  | 948.942   | 243.764 | 170  | 100 | 10 | 5    |
| DNC 125x20-13-3 -R |     |    | 12,7     | 3  | 265  | 594.624   | 193.249 | 170  | 100 | 10 | 5    |
| DNC 125x20-13-6 -R |     |    |          | 6  | 385  | 1.189.248 | 350.755 | 170  | 100 | 10 | 5    |
| DNC 125x25-10-3 -R |     | 25 | 9,525    | 3  | 282  | 474.143   | 134.302 | 170  | 100 | 10 | 5    |
| DNC 125x25-10-6 -R |     |    |          | 6  | 432  | 948.285   | 243.764 | 170  | 100 | 10 | 5    |
| DNC 125x25-13-3 -R |     |    | 12,7     | 3  | 290  | 594.219   | 193.249 | 170  | 100 | 10 | 5    |
| DNC 125x25-13-6 -R |     |    |          | 6  | 440  | 1.188.437 | 350.755 | 170  | 100 | 10 | 5    |
| DNC 125x25-16-3 -R |     |    | 15,875   | 3  | 320  | 749.209   | 264.966 | 180  | 100 | 10 | 5    |
| DNC 125x25-16-6 -R |     |    |          | 6  | 470  | 1.498.418 | 480.923 | 180  | 100 | 10 | 5    |
| DNC 125x25-20-3 -R |     | 20 | 19,05    | 3  | 325  | 875.337   | 333.982 | 190  | 100 | 10 | 5    |
| DNC 125x25-20-6 -R |     |    |          | 6  | 475  | 1.750.674 | 606.191 | 190  | 100 | 10 | 5    |

雙螺帽  
圓柱式

## 徑向迴珠器

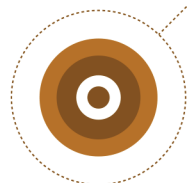


| 代碼                 | d   | p     | 滾珠<br>直徑 | Nc  | LT        | Coa       | Ca      | D1g6 | L1  | b  | T1   |
|--------------------|-----|-------|----------|-----|-----------|-----------|---------|------|-----|----|------|
|                    |     |       |          |     | ±0,1      | N         | N       |      | +2  | P9 | +0,1 |
| DNC 140x20-13-6 -R | 140 | 20    | 12,7     | 6   | 365       | 1.371.064 | 374.008 | 190  | 100 | 10 | 5    |
| DNC 140x25-13-6 -R |     | 25    |          | 6   | 470       | 1.370.313 | 374.008 | 190  | 100 | 10 | 5    |
| DNC 140x25-16-6 -R |     |       | 15,875   | 6   | 475       | 1.711.664 | 510.700 | 190  | 100 | 10 | 5    |
| DNC 140x25-20-6 -R |     | 19,05 | 6        | 480 | 2.055.160 | 657.158   | 200     | 100  | 10  | 5  |      |
| DNC 160x20-13-6 -R | 160 | 20    | 12,7     | 6   | 390       | 1.598.995 | 399.304 | 210  | 100 | 10 | 5    |
| DNC 160x25-13-6 -R |     | 25    |          | 6   | 475       | 1.598.320 | 399.304 | 210  | 100 | 10 | 5    |
| DNC 160x25-16-6 -R |     |       | 15,875   | 6   | 480       | 1.996.270 | 546.291 | 210  | 100 | 10 | 5    |
| DNC 160x25-20-6 -R |     | 19,05 | 6        | 485 | 2.363.864 | 698.119   | 220     | 100  | 10  | 5  |      |
| DNC 180x20-13-6 -R | 180 | 20    | 12,7     | 6   | 390       | 1.827.078 | 422.096 | 230  | 100 | 10 | 5    |
| DNC 180x25-13-6 -R |     | 25    |          | 6   | 480       | 1.826.464 | 422.096 | 230  | 100 | 10 | 5    |
| DNC 180x25-16-6 -R |     |       | 15,875   | 6   | 485       | 2.281.093 | 578.248 | 230  | 100 | 10 | 5    |
| DNC 180x25-20-6 -R |     | 19,05 | 6        | 490 | 2.672.551 | 734.946   | 240     | 100  | 10  | 5  |      |
| DNC 200x20-13-6 -R | 200 | 20    | 12,7     | 6   | 390       | 2.055.265 | 442.925 | 250  | 100 | 10 | 5    |
| DNC 200x25-13-6 -R |     | 25    |          | 6   | 475       | 2.054.703 | 442.925 | 250  | 100 | 10 | 5    |
| DNC 200x25-16-6 -R |     |       | 15,875   | 6   | 480       | 2.566.067 | 607.371 | 250  | 100 | 10 | 5    |
| DNC 200x25-20-6 -R |     | 19,05 | 6        | 485 | 3.080.599 | 785.546   | 260     | 100  | 10  | 5  |      |
| DNC 220x20-13-6 -R | 220 | 20    | 12,7     | 6   | 390       | 2.283.527 | 462.171 | 270  | 100 | 10 | 5    |
| DNC 220x25-13-6 -R |     | 25    |          | 6   | 475       | 2.283.010 | 462.171 | 270  | 100 | 10 | 5    |
| DNC 220x25-16-6 -R |     |       | 15,875   | 6   | 480       | 2.851.148 | 634.217 | 270  | 100 | 10 | 5    |
| DNC 220x25-20-6 -R |     | 19,05 | 6        | 475 | 3.389.582 | 815.673   | 280     | 100  | 10  | 5  |      |
| DNC 240x20-13-6 -R | 240 | 20    | 12,7     | 6   | 390       | 2.511.846 | 480.107 | 290  | 100 | 10 | 5    |
| DNC 240x25-13-6 -R |     | 25    |          | 6   | 475       | 2.511.366 | 480.107 | 290  | 100 | 10 | 5    |
| DNC 240x25-16-6 -R |     |       | 15,875   | 6   | 480       | 3.136.309 | 659.190 | 290  | 100 | 10 | 5    |
| DNC 240x25-20-6 -R |     | 19,05 | 6        | 485 | 3.698.503 | 843.797   | 300     | 100  | 10  | 5  |      |
| DNC 260x20-13-6 -R | 260 | 20    | 12,7     | 6   | 390       | 2.740.208 | 496.942 | 310  | 100 | 10 | 5    |
| DNC 260x25-13-6 -R |     | 25    |          | 6   | 475       | 2.739.760 | 496.942 | 310  | 100 | 10 | 5    |
| DNC 260x25-16-6 -R |     |       | 15,875   | 6   | 480       | 3.421.531 | 682.592 | 310  | 100 | 10 | 5    |
| DNC 260x25-20-6 -R |     | 19,05 | 6        | 485 | 4.007.376 | 870.240   | 320     | 100  | 10  | 5  |      |
| DNC 280x20-13-6 -R | 280 | 20    | 12,7     | 6   | 390       | 2.968.603 | 512.832 | 330  | 100 | 10 | 5    |
| DNC 280x25-13-6 -R |     | 25    |          | 6   | 475       | 2.968.184 | 512.832 | 330  | 100 | 10 | 5    |
| DNC 280x25-16-6 -R |     |       | 15,875   | 6   | 480       | 3.706.800 | 704.653 | 330  | 100 | 10 | 5    |
| DNC 280x25-20-6 -R |     | 19,05 | 6        | 485 | 4.416.587 | 909.076   | 340     | 100  | 10  | 5  |      |
| DNC 300x20-13-6 -R | 300 | 20    | 12,7     | 6   | 390       | 3.197.026 | 527.905 | 350  | 100 | 10 | 5    |
| DNC 300x25-13-6 -R |     | 25    |          | 6   | 475       | 3.196.632 | 527.905 | 350  | 100 | 10 | 5    |
| DNC 300x25-16-6 -R |     |       | 15,875   | 6   | 480       | 3.992.108 | 725.556 | 350  | 100 | 10 | 5    |
| DNC 300x25-20-6 -R |     | 19,05 | 6        | 485 | 4.725.558 | 932.287   | 360     | 100  | 10  | 5  |      |

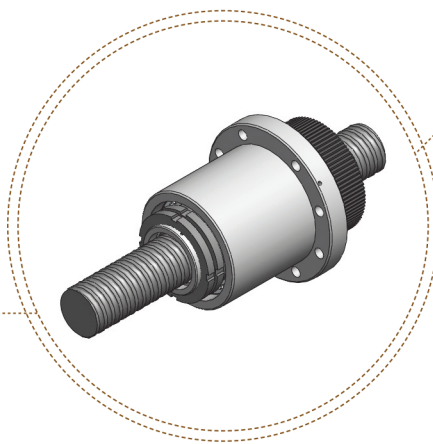




BSG - ZUAZO



## 動螺帽式

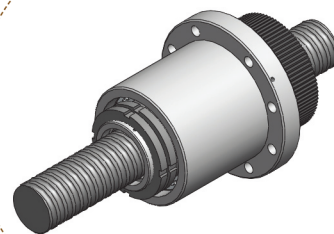


RND

**bsg**  
ZUAZO







## 特色(FEATURES)

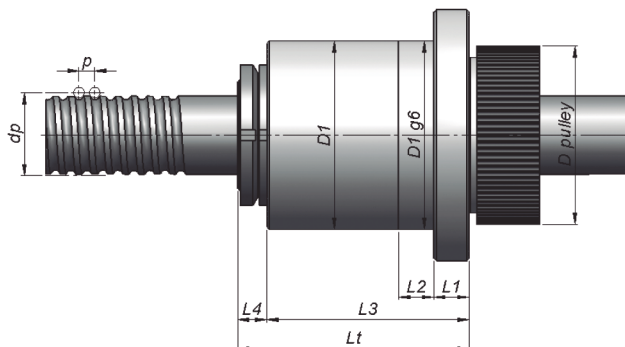
**BSG雙旋轉螺帽式：** 為多用途與靜態滾珠螺桿提供完整之解決方案，為您提供在高剛性系統中自高負載能力到高進給速率之使用需求，並可簡易地安裝於您線性系統中

## 產品生產範圍(RANGE OF PRODUCTION)

[illegible]

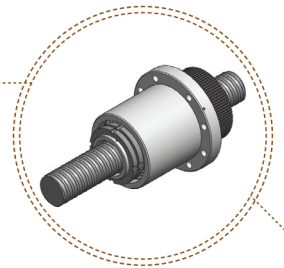
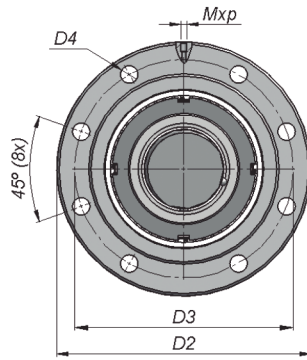
## X 動螺帽式

# 動螺帽式



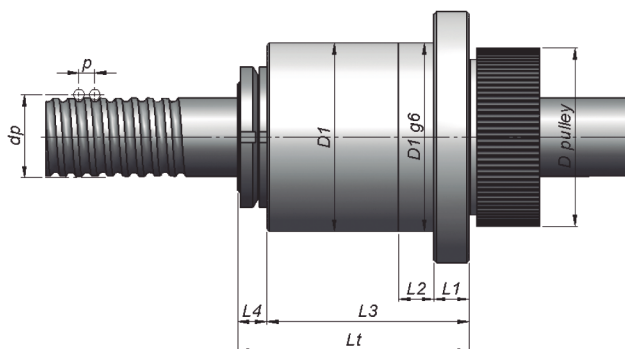
| 代碼              | d   | p  | 滾珠直徑  | Nc  | LT      | Coa       | Ca      |         |
|-----------------|-----|----|-------|-----|---------|-----------|---------|---------|
|                 |     |    |       |     | ±0,1    | N         | N       |         |
| RND 050x20-10-3 | 50  | 20 | 9,525 | 3   | 200     | 179.201   | 90.047  |         |
| RND 050x20-10-4 |     |    |       | 4   | 240     | 238.935   | 115.323 |         |
| RND 050x20-10-5 |     | 5  |       | 260 | 298.669 | 139.720   |         |         |
| RND 050x20-10-6 |     | 6  |       | 280 | 358.403 | 163.438   |         |         |
| RND 063x20-10-3 | 63  | 20 |       | 3   | 240     | 238.264   | 103.744 |         |
| RND 063x20-10-4 |     |    |       | 4   | 250     | 317.685   | 132.865 |         |
| RND 063x20-10-5 |     |    |       | 5   | 270     | 397.106   | 160.973 |         |
| RND 063x20-10-6 |     |    |       | 6   | 330     | 476.527   | 188.300 |         |
| RND 080x20-10-3 | 80  | 20 |       | 3   | 240     | 326.628   | 120.838 |         |
| RND 080x20-10-4 |     |    |       | 4   | 260     | 435.504   | 154.757 |         |
| RND 080x20-10-5 |     |    |       | 5   | 270     | 544.380   | 187.496 |         |
| RND 080x20-10-6 |     |    |       | 6   | 310     | 653.256   | 219.325 |         |
| RND 080x25-10-3 |     | 25 |       | 3   | 280     | 326.093   | 120.838 |         |
| RND 080x25-10-4 |     |    |       | 4   | 320     | 434.791   | 154.757 |         |
| RND 080x25-10-5 |     |    |       | 5   | 360     | 543.489   | 187.496 |         |
| RND 080x25-10-6 |     |    |       | 6   | 400     | 652.186   | 219.325 |         |
| RND 080x30-10-2 |     | 30 |       | 2   | 230     | 216.962   | 85.264  |         |
| RND 080x30-10-3 |     |    |       | 3   | 290     | 325.443   | 120.838 |         |
| RND 080x30-10-5 |     |    |       | 5   | 370     | 542.405   | 187.496 |         |
| RND 080x40-10-3 |     | 40 |       | 4   | 3       | 300       | 323.806 | 120.838 |
| RND 080x40-10-4 |     |    |       |     | 4       | 380       | 431.742 | 154.757 |
| RND 100x16-10-3 | 100 | 16 |       | 3   | 240     | 430.400   | 136.869 |         |
| RND 100x16-10-4 |     |    |       | 4   | 260     | 573.866   | 175.289 |         |
| RND 100x16-10-5 |     |    |       | 5   | 290     | 717.333   | 212.372 |         |
| RND 100x16-10-6 |     |    |       | 6   | 325     | 860.799   | 248.423 |         |
| RND 100x20-10-3 |     | 20 | 9,525 | 3   | 240     | 430.105   | 136.869 |         |
| RND 100x20-10-4 |     |    |       | 4   | 280     | 573.474   | 175.289 |         |
| RND 100x20-10-5 |     |    |       | 5   | 300     | 716.842   | 212.372 |         |
| RND 100x20-10-6 |     |    |       | 6   | 340     | 860.211   | 248.423 |         |
| RND 100x20-13-3 |     |    | 12,7  | 3   | 240     | 608.684   | 217.152 |         |
| RND 100x20-13-4 |     |    |       | 4   | 280     | 811.578   | 278.106 |         |
| RND 100x20-13-5 |     |    |       | 5   | 300     | 1.014.473 | 336.941 |         |
| RND 100x20-13-6 |     |    |       | 6   | 340     | 1.217.367 | 394.139 |         |
| RND 100x25-10-3 |     | 25 | 9,525 | 3   | 290     | 429.647   | 136.869 |         |
| RND 100x25-10-4 |     |    |       | 4   | 340     | 572.862   | 175.289 |         |
| RND 100x25-10-5 |     |    |       | 5   | 390     | 716.078   | 212.372 |         |
| RND 100x25-10-6 |     |    |       | 6   | 440     | 859.293   | 248.423 |         |
| RND 100x25-13-3 |     |    | 12,7  | 3   | 290     | 608.047   | 217.152 |         |
| RND 100x25-13-4 |     |    |       | 4   | 340     | 810.729   | 278.106 |         |
| RND 100x25-13-5 |     |    |       | 5   | 390     | 1.013.411 | 336.941 |         |
| RND 100x25-13-6 |     |    |       | 6   | 440     | 1.216.093 | 394.139 |         |
| RND 100x30-10-2 |     | 30 | 9,525 | 2   | 260     | 286.059   | 96.576  |         |
| RND 100x30-10-3 |     |    |       | 3   | 320     | 429.088   | 136.869 |         |
| RND 100x30-10-5 |     |    |       | 5   | 440     | 715.146   | 212.372 |         |
| RND 100x30-13-2 |     |    | 12,7  | 2   | 260     | 404.847   | 153.223 |         |
| RND 100x30-13-3 |     |    |       | 3   | 320     | 607.271   | 217.152 |         |
| RND 100x30-13-5 |     |    |       | 5   | 440     | 1.012.118 | 336.941 |         |
| RND 100x40-10-3 |     | 40 | 9,525 | 3   | 340     | 427.676   | 136.869 |         |
| RND 100x40-10-4 |     |    |       | 4   | 420     | 570.234   | 175.289 |         |
| RND 100x40-13-3 |     |    | 12,7  | 3   | 340     | 605.310   | 217.152 |         |
| RND 100x40-13-4 |     |    |       | 4   | 420     | 807.080   | 278.106 |         |



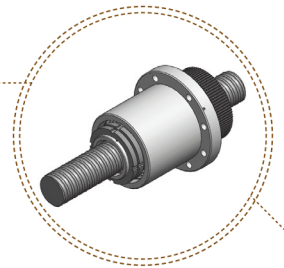
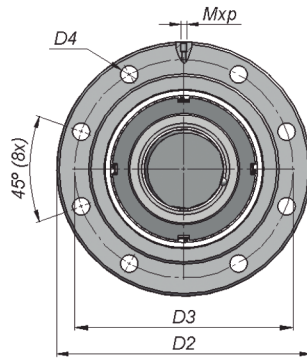


| D1g6 | D2  | D3   | D4  | 孔數 | MXP  | L1 | L2 | L3  | L4  | 代碼              |
|------|-----|------|-----|----|------|----|----|-----|-----|-----------------|
|      | h13 | ±0,1 | H13 |    |      |    | +2 |     |     |                 |
| 160  | 215 | 190  | 15  | 8  | M8x1 | 30 | 30 | 180 | 20  | RND 050x20-10-3 |
| 160  | 215 | 190  | 15  | 8  | M8x1 | 30 | 30 | 180 | 60  | RND 050x20-10-4 |
| 160  | 215 | 190  | 15  | 8  | M8x1 | 30 | 30 | 180 | 80  | RND 050x20-10-5 |
| 160  | 215 | 190  | 15  | 8  | M8x1 | 30 | 30 | 180 | 100 | RND 050x20-10-6 |
| 180  | 230 | 205  | 15  | 8  | M8x1 | 30 | 30 | 190 | 50  | RND 063x20-10-3 |
| 180  | 230 | 205  | 15  | 8  | M8x1 | 30 | 30 | 190 | 60  | RND 063x20-10-4 |
| 180  | 230 | 205  | 15  | 8  | M8x1 | 30 | 30 | 190 | 80  | RND 063x20-10-5 |
| 180  | 230 | 205  | 15  | 8  | M8x1 | 30 | 30 | 190 | 140 | RND 063x20-10-6 |
| 205  | 264 | 235  | 18  | 8  | M8x1 | 30 | 30 | 200 | 40  | RND 080x20-10-3 |
| 205  | 264 | 235  | 18  | 8  | M8x1 | 30 | 30 | 200 | 60  | RND 080x20-10-4 |
| 205  | 264 | 235  | 18  | 8  | M8x1 | 30 | 30 | 200 | 70  | RND 080x20-10-5 |
| 205  | 264 | 235  | 18  | 8  | M8x1 | 30 | 30 | 220 | 90  | RND 080x20-10-6 |
| 205  | 264 | 235  | 18  | 8  | M8x1 | 30 | 30 | 220 | 60  | RND 080x25-10-3 |
| 205  | 264 | 235  | 18  | 8  | M8x1 | 30 | 30 | 220 | 100 | RND 080x25-10-4 |
| 205  | 264 | 235  | 18  | 8  | M8x1 | 30 | 30 | 220 | 140 | RND 080x25-10-5 |
| 205  | 264 | 235  | 18  | 8  | M8x1 | 30 | 30 | 220 | 180 | RND 080x25-10-6 |
| 205  | 264 | 235  | 18  | 8  | M8x1 | 30 | 30 | 240 | 10  | RND 080x30-10-2 |
| 205  | 264 | 235  | 18  | 8  | M8x1 | 30 | 30 | 240 | 50  | RND 080x30-10-3 |
| 205  | 264 | 235  | 18  | 8  | M8x1 | 30 | 30 | 240 | 130 | RND 080x30-10-5 |
| 205  | 264 | 235  | 18  | 8  | M8x1 | 30 | 30 | 250 | 50  | RND 080x40-10-3 |
| 205  | 264 | 235  | 18  | 8  | M8x1 | 30 | 30 | 250 | 130 | RND 080x40-10-4 |
| 240  | 300 | 270  | 18  | 8  | M8x1 | 30 | 30 | 230 | 10  | RND 100x16-10-3 |
| 240  | 300 | 270  | 18  | 8  | M8x1 | 30 | 30 | 230 | 30  | RND 100x16-10-4 |
| 240  | 300 | 270  | 18  | 8  | M8x1 | 30 | 30 | 230 | 60  | RND 100x16-10-5 |
| 240  | 300 | 270  | 18  | 8  | M8x1 | 30 | 30 | 230 | 95  | RND 100x16-10-6 |
| 240  | 300 | 270  | 18  | 8  | M8x1 | 30 | 30 | 230 | 10  | RND 100x20-10-3 |
| 240  | 300 | 270  | 18  | 8  | M8x1 | 30 | 30 | 230 | 50  | RND 100x20-10-4 |
| 240  | 300 | 270  | 18  | 8  | M8x1 | 30 | 30 | 230 | 70  | RND 100x20-10-5 |
| 240  | 300 | 270  | 18  | 8  | M8x1 | 30 | 30 | 230 | 110 | RND 100x20-10-6 |
| 250  | 310 | 280  | 18  | 8  | M8x1 | 30 | 30 | 230 | 10  | RND 100x20-13-3 |
| 250  | 310 | 280  | 18  | 8  | M8x1 | 30 | 30 | 230 | 50  | RND 100x20-13-4 |
| 250  | 310 | 280  | 18  | 8  | M8x1 | 30 | 30 | 230 | 70  | RND 100x20-13-5 |
| 250  | 310 | 280  | 18  | 8  | M8x1 | 30 | 30 | 230 | 110 | RND 100x20-13-6 |
| 240  | 300 | 270  | 18  | 8  | M8x1 | 30 | 30 | 240 | 50  | RND 100x25-10-3 |
| 240  | 300 | 270  | 18  | 8  | M8x1 | 30 | 30 | 240 | 100 | RND 100x25-10-4 |
| 240  | 300 | 270  | 18  | 8  | M8x1 | 30 | 30 | 240 | 150 | RND 100x25-10-5 |
| 240  | 300 | 270  | 18  | 8  | M8x1 | 30 | 30 | 240 | 200 | RND 100x25-10-6 |
| 250  | 310 | 280  | 18  | 8  | M8x1 | 30 | 30 | 240 | 50  | RND 100x25-13-3 |
| 250  | 310 | 280  | 18  | 8  | M8x1 | 30 | 30 | 240 | 100 | RND 100x25-13-4 |
| 250  | 310 | 280  | 18  | 8  | M8x1 | 30 | 30 | 240 | 150 | RND 100x25-13-5 |
| 250  | 310 | 280  | 18  | 8  | M8x1 | 30 | 30 | 240 | 200 | RND 100x25-13-6 |
| 240  | 300 | 270  | 18  | 8  | M8x1 | 30 | 30 | 250 | 10  | RND 100x30-10-2 |
| 240  | 300 | 270  | 18  | 8  | M8x1 | 30 | 30 | 250 | 70  | RND 100x30-10-3 |
| 240  | 300 | 270  | 18  | 8  | M8x1 | 30 | 30 | 250 | 190 | RND 100x30-10-5 |
| 250  | 310 | 280  | 18  | 8  | M8x1 | 30 | 30 | 250 | 10  | RND 100x30-13-2 |
| 250  | 310 | 280  | 18  | 8  | M8x1 | 30 | 30 | 250 | 70  | RND 100x30-13-3 |
| 250  | 310 | 280  | 18  | 8  | M8x1 | 30 | 30 | 250 | 190 | RND 100x30-13-5 |
| 240  | 300 | 270  | 18  | 8  | M8x1 | 30 | 30 | 260 | 80  | RND 100x40-10-3 |
| 240  | 300 | 270  | 18  | 8  | M8x1 | 30 | 30 | 260 | 160 | RND 100x40-10-4 |
| 250  | 310 | 280  | 18  | 8  | M8x1 | 30 | 30 | 260 | 80  | RND 100x40-13-3 |
| 250  | 310 | 280  | 18  | 8  | M8x1 | 30 | 30 | 260 | 160 | RND 100x40-13-4 |

# 動螺帽式

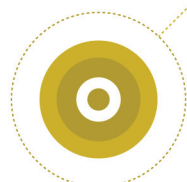


| 代碼              | d     | p     | 滾珠直徑  | Nc    | LT   | Coa       | Ca        |         |
|-----------------|-------|-------|-------|-------|------|-----------|-----------|---------|
|                 |       |       |       |       | ±0,1 | N         | N         |         |
| RND 120x20-10-3 | 120   | 20    | 9,525 | 3     | 270  | 519.343   | 147.555   |         |
| RND 120x20-10-4 |       |       |       | 4     | 310  | 692.457   | 188.974   |         |
| RND 120x20-10-5 |       |       |       | 5     | 350  | 865.572   | 228.952   |         |
| RND 120x20-10-6 |       |       |       | 6     | 390  | 1.038.686 | 267.818   |         |
| RND 120x20-13-3 |       |       | 12,7  | 3     | 370  | 759.739   | 240.273   |         |
| RND 120x20-13-4 |       |       |       | 4     | 310  | 1.012.986 | 307.718   |         |
| RND 120x20-13-5 |       | 25    | 9,525 | 5     | 350  | 1.266.232 | 372.817   |         |
| RND 120x20-13-6 |       |       |       | 6     | 390  | 1.700.045 | 460.082   |         |
| RND 120x25-10-3 |       |       |       | 12,7  | 3    | 280       | 518.954   | 147.555 |
| RND 120x25-10-4 |       |       |       |       | 4    | 330       | 691.938   | 188.974 |
| RND 120x25-10-5 |       |       | 30    | 5     | 380  | 864.923   | 228.952   |         |
| RND 120x25-10-6 |       |       |       | 6     | 430  | 1.037.908 | 267.818   |         |
| RND 120x25-13-3 |       | 12,7  |       | 3     | 280  | 759.179   | 240.273   |         |
| RND 120x25-13-4 |       |       |       | 4     | 330  | 1.012.239 | 307.718   |         |
| RND 120x25-13-5 |       | 25    | 9,525 | 5     | 380  | 1.265.298 | 372.817   |         |
| RND 120x25-13-6 |       |       |       | 6     | 430  | 1.518.358 | 436.105   |         |
| RND 120x30-10-2 |       |       | 30    | 12,7  | 2    | 280       | 345.653   | 104.116 |
| RND 120x30-10-3 |       |       |       |       | 3    | 290       | 518.479   | 147.555 |
| RND 120x30-10-5 |       | 9,525 |       | 5     | 410  | 864.132   | 228.952   |         |
| RND 120x30-13-2 |       |       |       | 2     | 280  | 505.664   | 169.538   |         |
| RND 120x30-13-3 |       | 40    | 12,7  | 3     | 290  | 758.496   | 240.273   |         |
| RND 120x30-13-5 |       |       |       | 5     | 410  | 1.264.160 | 372.817   |         |
| RND 120x40-10-3 |       |       | 9,525 | 3     | 300  | 517.277   | 147.555   |         |
| RND 120x40-10-4 |       |       |       | 4     | 380  | 689.703   | 188.974   |         |
| RND 120x40-13-3 |       | 25    | 12,7  | 3     | 300  | 756.766   | 240.273   |         |
| RND 120x40-13-4 |       |       |       | 4     | 380  | 1.009.021 | 307.718   |         |
| RND 125x20-10-3 |       | 125   | 20    | 9,525 | 3    | 270       | 548.870   | 151.341 |
| RND 125x20-10-4 |       |       |       |       | 4    | 280       | 731.827   | 193.822 |
| RND 125x20-10-5 | 5     |       |       |       | 320  | 914.784   | 234.826   |         |
| RND 125x20-10-6 | 6     |       |       |       | 360  | 1.097.741 | 274.690   |         |
| RND 125x20-13-3 | 12,7  |       |       | 3     | 270  | 790.230   | 244.004   |         |
| RND 125x20-13-4 |       |       |       | 4     | 280  | 1.053.639 | 312.496   |         |
| RND 125x20-13-5 | 25    |       | 9,525 | 5     | 320  | 1.317.049 | 378.606   |         |
| RND 125x20-13-6 |       |       |       | 6     | 360  | 1.580.459 | 442.877   |         |
| RND 125x25-10-3 |       |       | 30    | 12,7  | 3    | 270       | 548.490   | 151.341 |
| RND 125x25-10-4 |       |       |       |       | 4    | 280       | 731.321   | 193.822 |
| RND 125x25-10-5 | 9,525 |       |       | 5     | 320  | 914.151   | 234.826   |         |
| RND 125x25-10-6 |       |       |       | 6     | 360  | 1.096.981 | 274.690   |         |
| RND 125x25-13-3 | 40    |       | 12,7  | 3     | 280  | 789.691   | 244.004   |         |
| RND 125x25-13-4 |       |       |       | 4     | 330  | 1.052.921 | 312.496   |         |
| RND 125x25-13-5 |       |       | 9,525 | 5     | 380  | 1.316.152 | 378.606   |         |
| RND 125x25-13-6 |       |       |       | 6     | 430  | 1.579.382 | 442.877   |         |
| RND 125x30-10-2 | 125   |       | 30    | 9,525 | 2    | 280       | 365.351   | 106.787 |
| RND 125x30-10-3 |       |       |       |       | 3    | 290       | 548.027   | 151.341 |
| RND 125x30-10-5 |       |       |       | 12,7  | 5    | 350       | 913.379   | 234.826 |
| RND 125x30-13-2 |       |       |       |       | 2    | 280       | 545.505   | 176.396 |
| RND 125x30-13-3 |       |       | 40    | 12,7  | 3    | 290       | 818.258   | 249.992 |
| RND 125x30-13-5 |       |       |       |       | 5    | 350       | 1.363.763 | 387.897 |
| RND 125x40-10-3 |       |       |       | 9,525 | 3    | 310       | 546.853   | 151.341 |
| RND 125x40-10-4 |       |       |       |       | 4    | 390       | 729.137   | 193.822 |

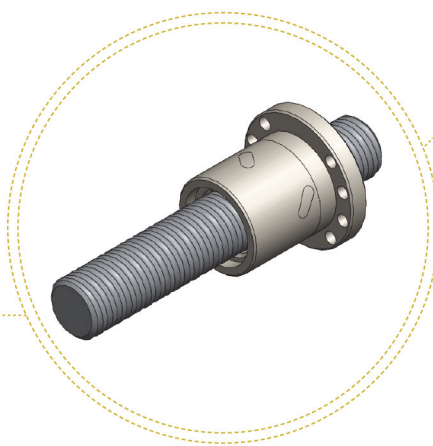


| D1g6 | D2  | D3   | D4  | 孔數 | MXP     | L1 | L2 | L3  | L4  | 代碼              |
|------|-----|------|-----|----|---------|----|----|-----|-----|-----------------|
|      | h13 | ±0,1 | H13 |    |         |    | +2 |     |     |                 |
| 265  | 355 | 310  | 22  | 8  | M8x1    | 35 | 30 | 260 | 10  | RND 120x20-10-3 |
| 265  | 355 | 310  | 22  | 8  | M8x1    | 35 | 30 | 260 | 50  | RND 120x20-10-4 |
| 265  | 355 | 310  | 22  | 8  | M8x1    | 35 | 30 | 260 | 90  | RND 120x20-10-5 |
| 265  | 355 | 310  | 22  | 8  | M8x1    | 35 | 30 | 260 | 130 | RND 120x20-10-6 |
| 285  | 375 | 330  | 22  | 8  | M8x1    | 35 | 30 | 260 | 110 | RND 120x20-13-3 |
| 285  | 375 | 330  | 22  | 8  | M8x1    | 35 | 30 | 260 | 50  | RND 120x20-13-4 |
| 285  | 375 | 330  | 22  | 8  | M8x1    | 35 | 30 | 260 | 90  | RND 120x20-13-5 |
| 285  | 375 | 330  | 22  | 8  | M8x1    | 35 | 30 | 260 | 130 | RND 120x20-13-6 |
| 265  | 355 | 310  | 22  | 8  | M8x1    | 35 | 30 | 260 | 20  | RND 120x25-10-3 |
| 265  | 355 | 310  | 22  | 8  | M8x1    | 35 | 30 | 260 | 70  | RND 120x25-10-4 |
| 265  | 355 | 310  | 22  | 8  | M8x1    | 35 | 30 | 260 | 120 | RND 120x25-10-5 |
| 265  | 355 | 310  | 22  | 8  | M8x1    | 35 | 30 | 260 | 170 | RND 120x25-10-6 |
| 285  | 375 | 330  | 22  | 8  | M8x1    | 35 | 30 | 260 | 20  | RND 120x25-13-3 |
| 285  | 375 | 330  | 22  | 8  | M8x1    | 35 | 30 | 260 | 70  | RND 120x25-13-4 |
| 285  | 375 | 330  | 22  | 8  | M8x1    | 35 | 30 | 260 | 120 | RND 120x25-13-5 |
| 285  | 375 | 330  | 22  | 8  | M8x1    | 35 | 30 | 260 | 170 | RND 120x25-13-6 |
| 265  | 355 | 310  | 22  | 8  | M8x1    | 35 | 30 | 270 | 10  | RND 120x30-10-2 |
| 265  | 355 | 310  | 22  | 8  | M8x1    | 35 | 30 | 270 | 20  | RND 120x30-10-3 |
| 265  | 355 | 310  | 22  | 8  | M8x1    | 35 | 30 | 270 | 140 | RND 120x30-10-5 |
| 285  | 375 | 330  | 22  | 8  | M8x1    | 35 | 30 | 270 | 10  | RND 120x30-13-2 |
| 285  | 375 | 330  | 22  | 8  | M8x1    | 35 | 30 | 270 | 20  | RND 120x30-13-3 |
| 285  | 375 | 330  | 22  | 8  | M8x1    | 35 | 30 | 270 | 140 | RND 120x30-13-5 |
| 265  | 355 | 310  | 22  | 8  | M8x1    | 35 | 30 | 280 | 20  | RND 120x40-10-3 |
| 265  | 355 | 310  | 22  | 8  | M8x1    | 35 | 30 | 280 | 100 | RND 120x40-10-4 |
| 285  | 375 | 330  | 22  | 8  | M8x1    | 35 | 30 | 280 | 20  | RND 120x40-13-3 |
| 285  | 375 | 330  | 22  | 8  | M8x1    | 35 | 30 | 280 | 100 | RND 120x40-13-4 |
| 265  | 355 | 310  | 22  | 8  | M10x1,5 | 40 | 30 | 260 | 10  | RND 125x20-10-3 |
| 265  | 355 | 310  | 22  | 8  | M10x1,5 | 40 | 30 | 260 | 20  | RND 125x20-10-4 |
| 265  | 355 | 310  | 22  | 8  | M10x1,5 | 40 | 30 | 260 | 60  | RND 125x20-10-5 |
| 265  | 355 | 310  | 22  | 8  | M10x1,5 | 40 | 30 | 260 | 100 | RND 125x20-10-6 |
| 290  | 380 | 335  | 22  | 8  | M10x1,5 | 40 | 30 | 260 | 10  | RND 125x20-13-3 |
| 290  | 380 | 335  | 22  | 8  | M10x1,5 | 40 | 30 | 260 | 20  | RND 125x20-13-4 |
| 290  | 380 | 335  | 22  | 8  | M10x1,5 | 40 | 30 | 260 | 60  | RND 125x20-13-5 |
| 290  | 380 | 335  | 22  | 8  | M10x1,5 | 40 | 30 | 260 | 100 | RND 125x20-13-6 |
| 265  | 355 | 310  | 22  | 8  | M10x1,5 | 40 | 30 | 260 | 20  | RND 125x25-10-3 |
| 265  | 355 | 310  | 22  | 8  | M10x1,5 | 40 | 30 | 260 | 70  | RND 125x25-10-4 |
| 265  | 355 | 310  | 22  | 8  | M10x1,5 | 40 | 30 | 260 | 120 | RND 125x25-10-5 |
| 265  | 355 | 310  | 22  | 8  | M10x1,5 | 40 | 30 | 260 | 170 | RND 125x25-10-6 |
| 290  | 380 | 335  | 22  | 8  | M10x1,5 | 40 | 30 | 260 | 20  | RND 125x25-13-3 |
| 290  | 380 | 335  | 22  | 8  | M10x1,5 | 40 | 30 | 260 | 70  | RND 125x25-13-4 |
| 290  | 380 | 335  | 22  | 8  | M10x1,5 | 40 | 30 | 260 | 120 | RND 125x25-13-5 |
| 290  | 380 | 335  | 22  | 8  | M10x1,5 | 40 | 30 | 260 | 170 | RND 125x25-13-6 |
| 290  | 380 | 335  | 22  | 8  | M10x1,5 | 40 | 30 | 270 | 10  | RND 125x30-10-2 |
| 290  | 380 | 335  | 22  | 8  | M10x1,5 | 40 | 30 | 270 | 20  | RND 125x30-10-3 |
| 290  | 380 | 335  | 22  | 8  | M10x1,5 | 40 | 30 | 270 | 80  | RND 125x30-10-5 |
| 290  | 380 | 335  | 22  | 8  | M10x1,5 | 40 | 30 | 270 | 10  | RND 125x30-13-2 |
| 290  | 380 | 335  | 22  | 8  | M10x1,5 | 40 | 30 | 270 | 20  | RND 125x30-13-3 |
| 290  | 380 | 335  | 22  | 8  | M10x1,5 | 40 | 30 | 270 | 80  | RND 125x30-13-5 |
| 290  | 380 | 335  | 22  | 8  | M10x1,5 | 40 | 30 | 280 | 30  | RND 125x40-10-3 |
| 290  | 380 | 335  | 22  | 8  | M10x1,5 | 40 | 30 | 280 | 110 | RND 125x40-10-4 |

BSG - ZUAZO



## 高負載法蘭式



徑向迴珠器

HLF radial

**bsg**  
ZUAZO

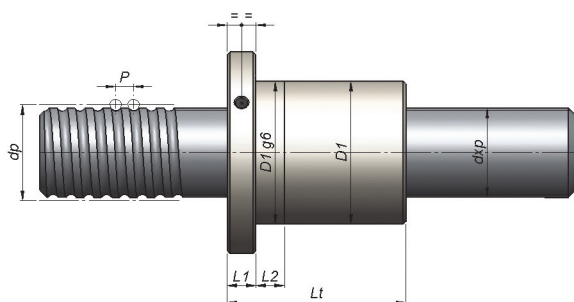




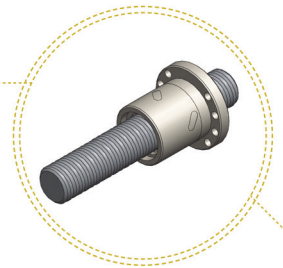


## 高負載法蘭式

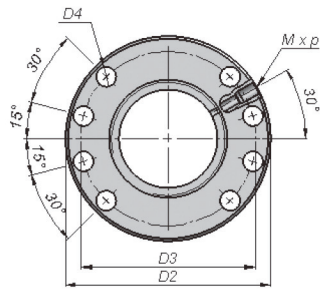
## 徑向迴珠器



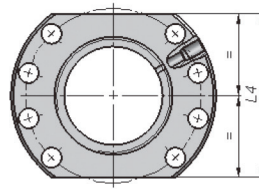
| 代碼                 | d   | p  | 滾珠直徑   | Nc | LT   | Coa       | Ca        |
|--------------------|-----|----|--------|----|------|-----------|-----------|
|                    |     |    |        |    | ±0,1 | N         | N         |
| HLF 040x10-08-8 -R | 40  | 10 | 7,938  | 8  | 130  | 440.255   | 138.856   |
| HLF 040x12-10-8 -R |     | 12 | 9,525  | 8  | 155  | 512.738   | 172.253   |
| HLF 040x16-13-8 -R |     | 16 | 12,7   | 8  | 200  | 627.533   | 230.405   |
| HLF 050x10-08-8 -R | 50  | 10 | 7,938  | 8  | 130  | 573.908   | 158.755   |
| HLF 050x12-10-8 -R |     | 12 | 9,525  | 8  | 155  | 674.651   | 199.954   |
| HLF 050x16-13-8 -R |     | 16 | 12,7   | 8  | 200  | 974.757   | 331.233   |
| HLF 055x10-08-8 -R | 55  | 10 | 7,938  | 8  | 130  | 640.897   | 167.337   |
| HLF 055x12-10-8 -R |     | 12 | 9,525  | 8  | 155  | 729.825   | 211.873   |
| HLF 055x16-13-8 -R |     | 16 | 12,7   | 8  | 200  | 1.090.200 | 351.931   |
| HLF 063x12-10-8 -R | 63  | 12 | 9,525  | 8  | 155  | 855.565   | 228.965   |
| HLF 063x16-13-8 -R |     | 16 | 12,7   | 8  | 200  | 1.245.262 | 372.588   |
| HLF 063x20-16-8 -R |     | 20 | 15,875 | 8  | 245  | 1.533.502 | 495.213   |
| HLF 080x12-10-8 -R | 80  | 12 | 9,525  | 8  | 160  | 1.123.377 | 259.490   |
| HLF 080x16-13-8 -R |     | 16 | 12,7   | 8  | 205  | 1.582.376 | 411.544   |
| HLF 080x20-16-8 -R |     | 20 | 15,875 | 8  | 250  | 1.990.737 | 563.526   |
| HLF 080x25-20-8 -R |     | 25 | 19,05  | 8  | 300  | 2.270.296 | 688.450   |
| HLF 100x16-13-8 -R | 100 | 16 | 12,7   | 8  | 215  | 2.137.125 | 484.961   |
| HLF 100x20-16-8 -R |     | 20 | 15,875 | 8  | 250  | 2.595.381 | 643.831   |
| HLF 100x25-20-8 -R |     | 25 | 19,05  | 8  | 310  | 2.989.309 | 799.636   |
| HLF 125x16-13-8 -R | 125 | 16 | 12,7   | 8  | 210  | 2.741.882 | 541.010   |
| HLF 125x20-16-8 -R |     | 20 | 15,875 | 8  | 250  | 3.346.811 | 725.417   |
| HLF 125x25-20-8 -R |     | 25 | 19,05  | 8  | 310  | 3.892.271 | 911.987   |
| HLF 140x20-16-8 -R | 140 | 20 | 15,875 | 8  | 250  | 2.825.032 | 724.781   |
| HLF 140x25-20-8 -R |     | 25 | 19,05  | 8  | 305  | 3.289.770 | 920.848   |
| HLF 140x32-25-8 -R |     | 32 | 25,4   | 8  | 390  | 4.168.652 | 1.330.653 |
| HLF 160x32-25-8 -R | 160 | 32 | 25,4   | 8  | 390  | 4.908.271 | 1.434.428 |
| HLF 160x40-30-6 -R |     | 40 | 29,369 | 6  | 395  | 4.164.738 | 1.425.815 |
| HLF 180x32-25-8 -R | 180 | 32 | 25,4   | 8  | 390  | 5.619.677 | 1.520.549 |
| HLF 180x40-30-6 -R |     | 40 | 29,369 | 6  | 400  | 5.497.257 | 1.669.578 |
| HLF 180x50-36-5 -R |     | 50 | 35,719 | 5  | 430  | 5.367.524 | 1.784.528 |
| HLF 200x32-25-5 -R | 200 | 32 | 25,4   | 5  | 300  | 3.976.247 | 1.070.062 |
| HLF 200x40-30-6 -R |     | 40 | 29,369 | 6  | 405  | 4.663.088 | 1.544.941 |
| HLF 220x32-25-5 -R | 220 | 32 | 25,4   | 5  | 300  | 4.421.885 | 1.117.055 |
| HLF 220x40-30-6 -R |     | 40 | 29,369 | 6  | 405  | 5.625.586 | 1.598.467 |
| HLF 240x32-25-5 -R | 240 | 32 | 25,4   | 5  | 300  | 4.886.735 | 1.163.441 |
| HLF 240x40-30-6 -R |     | 40 | 29,369 | 6  | 405  | 6.324.533 | 1.507.176 |
| HLF 260x32-25-5 -R | 260 | 32 | 25,4   | 5  | 300  | 5.332.920 | 1.203.702 |
| HLF 260x40-30-6 -R |     | 40 | 29,369 | 6  | 405  | 6.871.360 | 1.668.883 |
| HLF 280x32-25-5 -R | 280 | 32 | 25,4   | 5  | 300  | 5.798.314 | 1.244.215 |
| HLF 280x40-30-6 -R |     | 40 | 29,369 | 6  | 405  | 7.229.577 | 1.698.023 |
| HLF 280x55-43-4 -R |     | 55 | 42,862 | 4  | 420  | 6.998.765 | 1.992.57  |



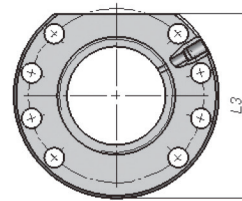
法蘭形式 A



法蘭形式 B



法蘭形式 C



| D1g6 | D2  | D3    | D4   | 孔數 | MXP   | L1 | L2 | L3    | L4  | 代碼                 |
|------|-----|-------|------|----|-------|----|----|-------|-----|--------------------|
|      | h13 | ±0,1  | H13  |    |       |    | +2 | h13   | h13 |                    |
| 63   | 93  | 78    | 9    | 8  | M8x1  | 16 | 18 | 81,5  | 70  | HLF 040x10-08-B -R |
| 70   | 100 | 85    | 9    | 8  | M8x1  | 20 | 25 | 91    | 82  | HLF 040x12-10-B -R |
| 70   | 100 | 85    | 9    | 8  | M8x1  | 20 | 25 | 91    | 82  | HLF 040x16-13-B -R |
| 75   | 110 | 93    | 11   | 8  | M8x1  | 16 | 18 | 97,5  | 85  | HLF 050x10-08-B -R |
| 85   | 120 | 103   | 11   | 8  | M8x1  | 20 | 25 | 107,5 | 85  | HLF 050x12-10-B -R |
| 90   | 125 | 108   | 11   | 8  | M8x1  | 20 | 25 | 110   | 95  | HLF 050x16-13-B -R |
| 80   | 115 | 98    | 11   | 8  | M8x1  | 16 | 18 | 105,5 | 96  | HLF 055x10-08-B -R |
| 90   | 125 | 108   | 11   | 8  | M8x1  | 20 | 25 | 110   | 95  | HLF 055x12-10-B -R |
| 90   | 125 | 108   | 11   | 8  | M8x1  | 20 | 25 | 110   | 95  | HLF 055x16-13-B -R |
| 95   | 128 | 111,5 | 11   | 8  | M8x1  | 20 | 25 | 114   | 95  | HLF 063x12-10-B -R |
| 105  | 145 | 125   | 13,5 | 8  | M8x1  | 20 | 25 | 127,5 | 110 | HLF 063x16-13-B -R |
| 120  | 160 | 140   | 13,5 | 8  | M8x1  | 25 | 30 | 142,5 | 125 | HLF 063x20-16-B -R |
| 125  | 165 | 145   | 13,5 | 8  | M8x1  | 25 | 30 | 147,5 | 130 | HLF 080x12-10-B -R |
| 125  | 165 | 145   | 13,5 | 8  | M8x1  | 25 | 30 | 147,5 | 130 | HLF 080x16-13-B -R |
| 125  | 165 | 145   | 13,5 | 8  | M8x1  | 25 | 30 | 147,5 | 130 | HLF 080x20-16-B -R |
| 130  | 170 | 150   | 13,5 | 8  | M8x1  | 25 | 30 | 152,5 | 135 | HLF 080x25-20-B -R |
| 145  | 192 | 168   | 17,5 | 8  | M8x1  | 30 | 30 | 172,5 | 155 | HLF 100x16-13-B -R |
| 150  | 202 | 176   | 17,5 | 8  | M8x1  | 30 | 30 | 178,5 | 155 | HLF 100x20-16-B -R |
| 160  | 212 | 186   | 17,5 | 8  | M8x1  | 30 | 30 | 188,5 | 165 | HLF 100x25-20-B -R |
| 170  | 222 | 196   | 17,5 | 8  | M8x1  | 30 | 30 | 198,5 | 175 | HLF 125x16-13-B -R |
| 180  | 232 | 206   | 17,5 | 8  | M8x1  | 30 | 30 | 208,5 | 185 | HLF 125x20-16-B -R |
| 190  | 242 | 216   | 17,5 | 8  | M8x1  | 30 | 30 | 218,5 | 195 | HLF 125x25-20-B -R |
| 190  | 242 | 216   | 17,5 | 8  | M8x1  | 30 | 30 | 218,5 | 195 | HLF 140x20-16-B -R |
| 200  | 252 | 226   | 17,5 | 8  | M8x1  | 30 | 30 | 228,5 | 205 | HLF 140x25-20-B -R |
| 220  | 272 | 246   | 17,5 | 8  | M8x1  | 40 | 30 | 248,5 | 225 | HLF 140x32-25-B -R |
| 220  | 272 | 246   | 22   | 8  | M10x1 | 40 | 30 | 248,5 | 225 | HLF 160x32-25-B -R |
| 260  | 320 | 286   | 22   | 8  | M10x1 | 40 | 30 | 288,5 | 265 | HLF 160x40-30-B -R |
| 260  | 320 | 286   | 22   | 8  | M10x1 | 40 | 30 | 288,5 | 265 | HLF 180x32-25-B -R |
| 280  | 340 | 306   | 22   | 8  | M10x1 | 40 | 30 | 308,5 | 285 | HLF 180x40-30-B -R |
| 300  | 360 | 326   | 22   | 8  | M10x1 | 40 | 30 | 328,5 | 305 | HLF 180x50-36-B -R |
| 280  | 340 | 306   | 26   | 8  | M10x1 | 45 | 30 | 308,5 | 285 | HLF 200x32-25-B -R |
| 300  | 360 | 326   | 26   | 8  | M10x1 | 45 | 30 | 328,5 | 305 | HLF 200x40-30-B -R |
| 300  | 360 | 326   | 26   | 8  | M10x1 | 45 | 30 | 328,5 | 305 | HLF 220x32-25-B -R |
| 320  | 380 | 346   | 26   | 8  | M10x1 | 45 | 30 | 348,5 | 325 | HLF 220x40-30-B -R |
| 320  | 380 | 346   | 26   | 8  | M10x1 | 45 | 30 | 348,5 | 325 | HLF 240x32-25-B -R |
| 340  | 400 | 366   | 26   | 8  | M10x1 | 45 | 30 | 368,5 | 345 | HLF 240x40-30-B -R |
| 340  | 400 | 366   | 26   | 8  | M10x1 | 45 | 30 | 368,5 | 345 | HLF 260x32-25-B -R |
| 360  | 420 | 386   | 26   | 8  | M10x1 | 45 | 30 | 388,5 | 365 | HLF 260x40-30-B -R |
| 360  | 420 | 386   | 26   | 8  | M10x1 | 45 | 30 | 388,5 | 365 | HLF 280x32-25-B -R |
| 380  | 440 | 406   | 26   | 8  | M10x1 | 45 | 30 | 408,5 | 385 | HLF 280x40-30-B -R |
| 420  | 480 | 446   | 26   | 8  | M10x1 | 45 | 30 | 448,5 | 425 | HLF 280x55-43-B -R |







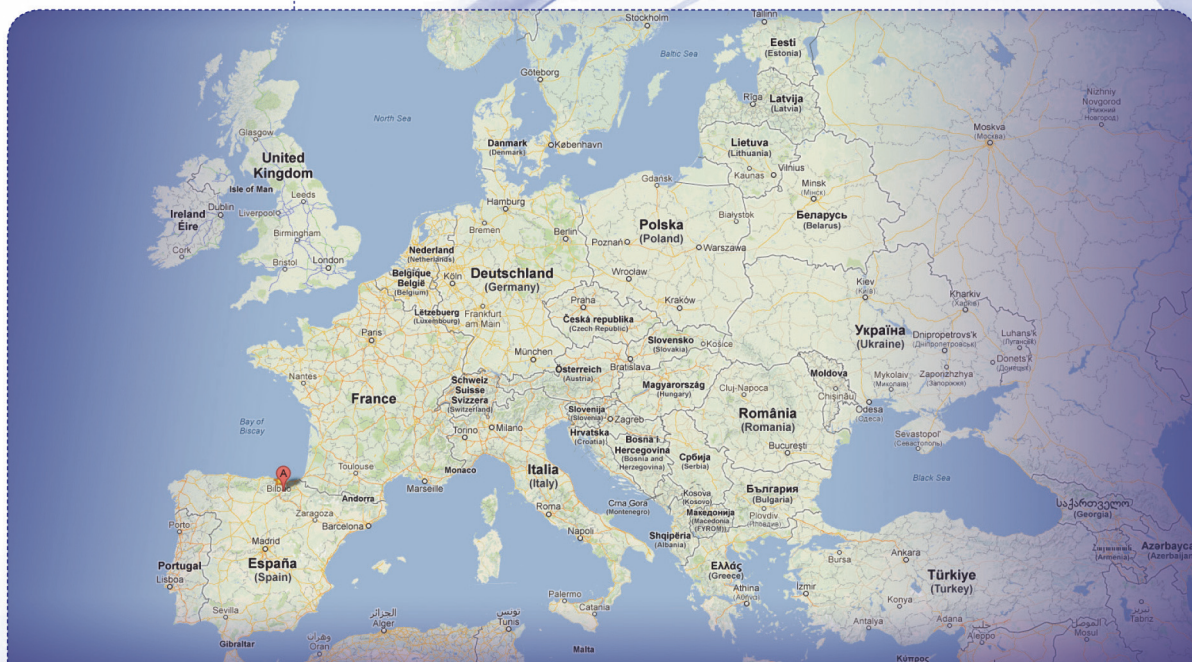






# LOCATION





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