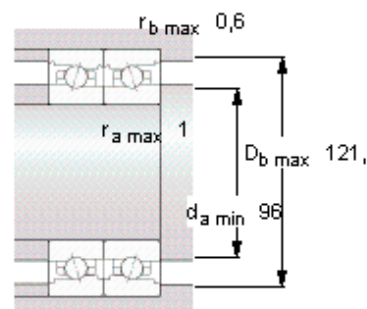
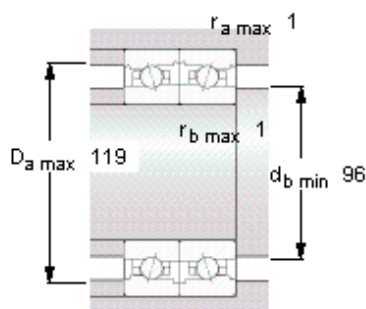
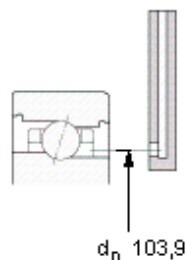
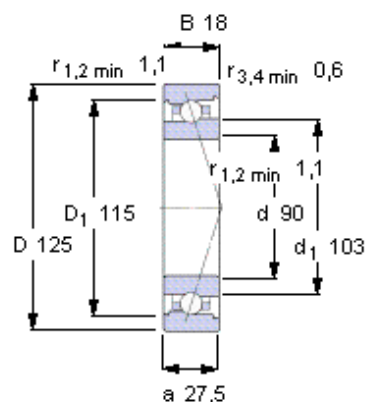


## SKF 71918 CB/HCP4A参数

|        |         |                |       |     |
|--------|---------|----------------|-------|-----|
| 主要尺寸   | d       | 90             | mm    | —   |
|        | D       | 125            | mm    | —   |
|        | B       | 18             | mm    | —   |
| 基本额定载荷 | C       | 17800          | N     | 动载荷 |
|        | $C_0$   | 17600          | N     | 静载荷 |
| 疲劳载荷极限 | $P_u$   | 720            | N     | —   |
| 可达转速   | Grease  | 16000          | r/min | —   |
|        | Oil-air | 26000          | r/min | —   |
| 重量     | 重量      | 560            | g     | —   |
| 型号     | 型号      | 71918 CB/HCP4A | —     | —   |

## SKF 71918 CB/HCP4A图片



**Ball diameter** 7,144

**Number of balls** 36

**未安装时的预载荷 [N]**

背对背配置，面对面配置

预载荷等级

| A  | B   | C   | D |
|----|-----|-----|---|
| 59 | 120 | 355 | - |

**Static axial stiffness [N/μm]**

(guideline value)

预载荷等级

| A  | B  | C   | D |
|----|----|-----|---|
| 59 | 78 | 124 | - |

**Reference grease quantity [cm³]**

$G_{ref}$  7,4

**计算系数**

for equivalent bearing load

$f_0$  10

**for preload in mounted bearing sets**

$f$  1,12

$f_1$  1

$f_{2A}$  1

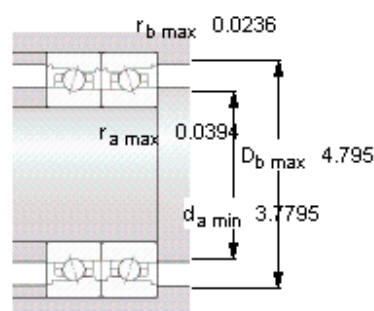
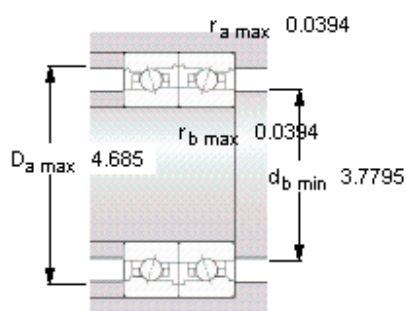
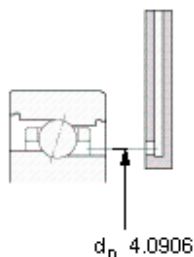
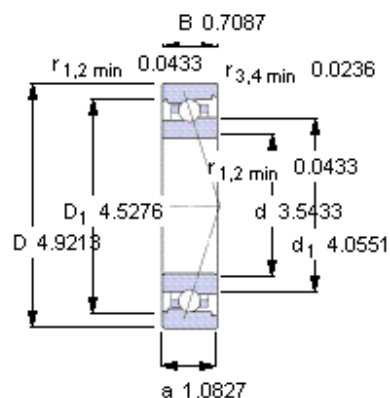
$f_{2B}$  1,03

$f_{2C}$  1,08

$f_{2D}$  -

$f_{HC}$  1,01

参考资料: <http://www.sozhou.com/p/6288d19f.html>



**Ball diameter** 7,144

**Number of balls** 36

**未安装时的预载荷 [N]**

背对背配置，面对面配置

预载荷等级

| A  | B   | C   | D |
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| 59 | 120 | 355 | - |

**Static axial stiffness [N/μm]**

(guideline value)

预载荷等级

| A  | B  | C   | D |
|----|----|-----|---|
| 59 | 78 | 124 | - |

**Reference grease quantity [cm³]**

G<sub>ref</sub> 7,4

**计算系数**

**for equivalent bearing load**

f<sub>0</sub> 10

**for preload in mounted bearing sets**

f 1,12

f<sub>1</sub> 1

f<sub>2A</sub> 1

f<sub>2B</sub> 1,03

f<sub>2C</sub> 1,08

f<sub>2D</sub> -

f<sub>HC</sub> 1,01