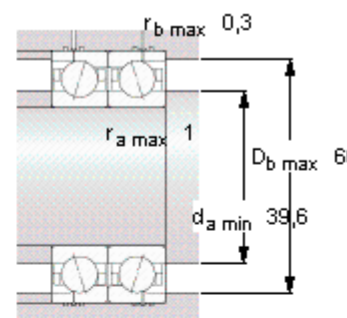
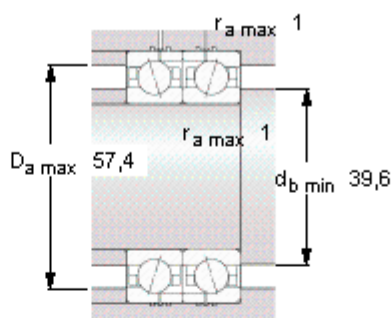
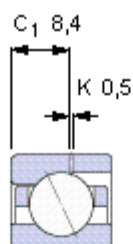
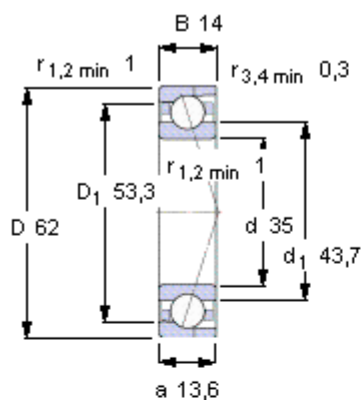


## SKF 7007 CD/HCP4AH参数

|        |         |                |       |     |
|--------|---------|----------------|-------|-----|
| 主要尺寸   | d       | 35             | mm    | —   |
|        | D       | 62             | mm    | —   |
|        | B       | 14             | mm    | —   |
| 基本额定载荷 | C       | 15600          | N     | 动载荷 |
|        | $C_0$   | 9500           | N     | 静载荷 |
| 疲劳载荷极限 | $P_u$   | 400            | N     | —   |
| 可达转速   | Grease  | 28000          | r/min | —   |
|        | Oil-air | 43000          | r/min | —   |
| 重量     | 重量      | 130            | g     | —   |
| 型号     | 型号      | 7007 CD/HCP4AH | —     | —   |

## SKF 7007 CD/HCP4AH图片



Ball diameter 7,938

Number of balls 16

### 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   |
|----|-----|-----|-----|
| 60 | 120 | 240 | 480 |

### Static axial stiffness [N/μm]

(guideline value)

预载荷等级

| A  | B  | C  | D   |
|----|----|----|-----|
| 39 | 52 | 71 | 100 |

### Reference grease quantity [cm³]

G<sub>ref</sub> 2

### 计算系数

for equivalent bearing load

$f_0$  9,7

for preload in mounted bearing sets

$f$  1,06

$f_1$  1

$f_{2A}$  1

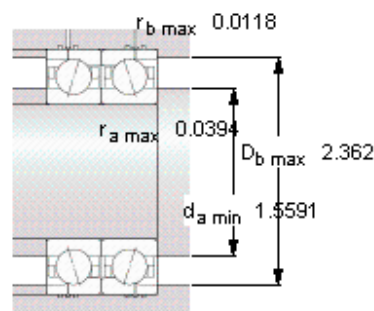
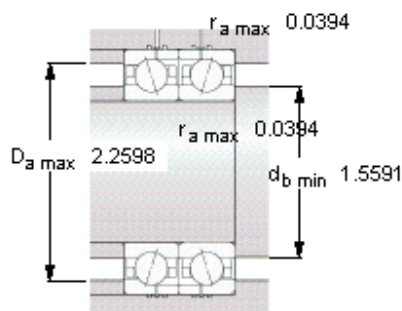
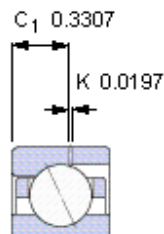
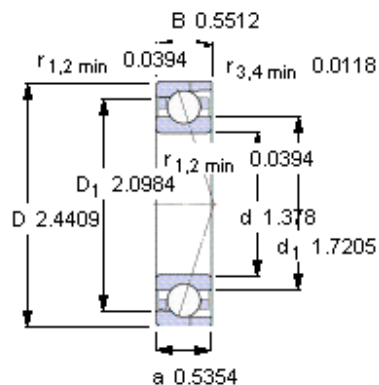
$f_{2B}$  1,02

$f_{2C}$  1,05

$f_{2D}$  1,09

$f_{HC}$  1,02

参考资料: <http://www.sozhou.com/p/4a5e3f88.html>



**Ball diameter** 7,938

**Number of balls** 16

**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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**Static axial stiffness [N/μm]**

(guideline value)

预载荷等级

| A  | B  | C  | D   |
|----|----|----|-----|
| 39 | 52 | 71 | 100 |

**Reference grease quantity [cm³]**

G<sub>ref</sub> 2

**计算系数**

**for equivalent bearing load**

f<sub>0</sub> 9,7

**for preload in mounted bearing sets**

f 1,06

f<sub>1</sub> 1

f<sub>2A</sub> 1

f<sub>2B</sub> 1,02

f<sub>2C</sub> 1,05

f<sub>2D</sub> 1,09

f<sub>HC</sub> 1,02