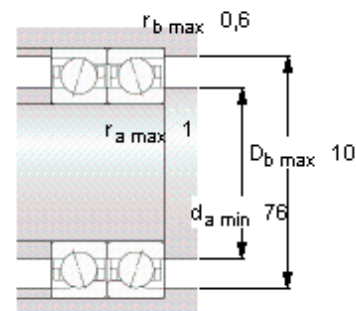
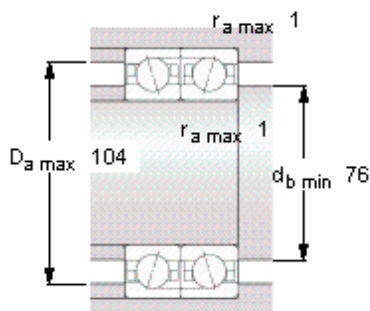
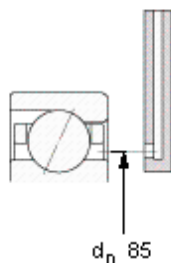
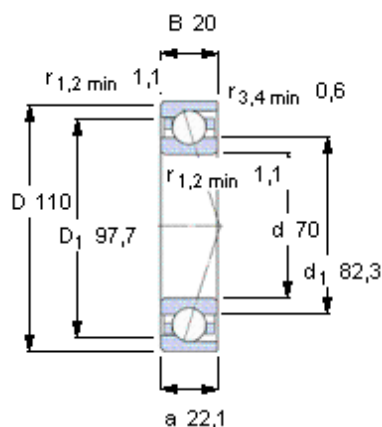


## SKF 7014 CD/HCP4A参数

|        |         |               |       |     |
|--------|---------|---------------|-------|-----|
| 主要尺寸   | d       | 70            | mm    | —   |
|        | D       | 110           | mm    | —   |
|        | B       | 20            | mm    | —   |
| 基本额定载荷 | C       | 52000         | N     | 动载荷 |
|        | $C_0$   | 45500         | N     | 静载荷 |
| 疲劳载荷极限 | $P_u$   | 1930          | N     | —   |
| 可达转速   | Grease  | 15000         | r/min | —   |
|        | Oil-air | 22000         | r/min | —   |
| 重量     | 重量      | 500           | g     | —   |
| 型号     | 型号      | 7014 CD/HCP4A | —     | —   |

## SKF 7014 CD/HCP4A图片



**Ball diameter** 12,7

**Number of balls** 19

**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    |
|-----|-----|-----|------|
| 200 | 400 | 800 | 1600 |

**Static axial stiffness [N/μm]**

(guideline value)

预载荷等级

| A  | B   | C   | D   |
|----|-----|-----|-----|
| 90 | 123 | 173 | 252 |

**Reference grease quantity [cm³]**

$G_{ref}$  8,1

**计算系数**

for equivalent bearing load

$f_0$  15,5

**for preload in mounted bearing sets**

$f$  1,12

$f_1$  1

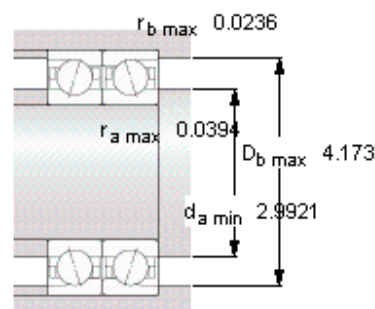
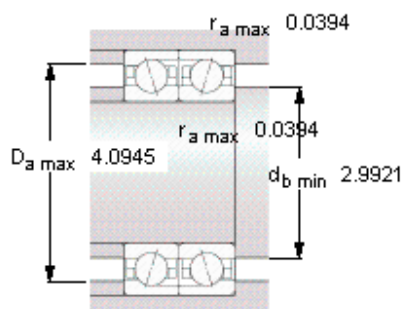
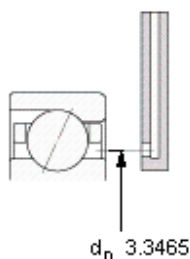
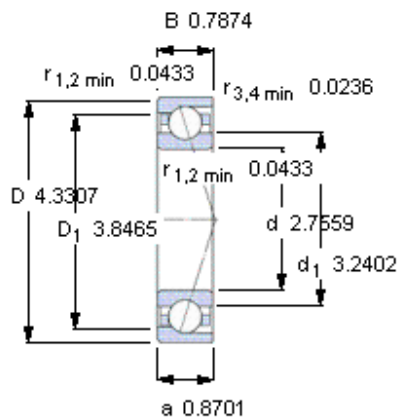
$f_{2A}$  1

$f_{2B}$  1,02

$f_{2C}$  1,05

$f_{2D}$  1,09

$f_{HC}$  1,02



**Ball diameter** 12,7  
**Number of balls** 19

**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    |
|-----|-----|-----|------|
| 200 | 400 | 800 | 1600 |

**Static axial stiffness [N/μm]**

(guideline value)

预载荷等级

| A  | B   | C   | D   |
|----|-----|-----|-----|
| 90 | 123 | 173 | 252 |

**Reference grease quantity [cm<sup>3</sup>]**

G<sub>ref</sub> 8,1

**计算系数**

**for equivalent bearing load**

f<sub>0</sub> 15,5

**for preload in mounted bearing sets**

f 1,12

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