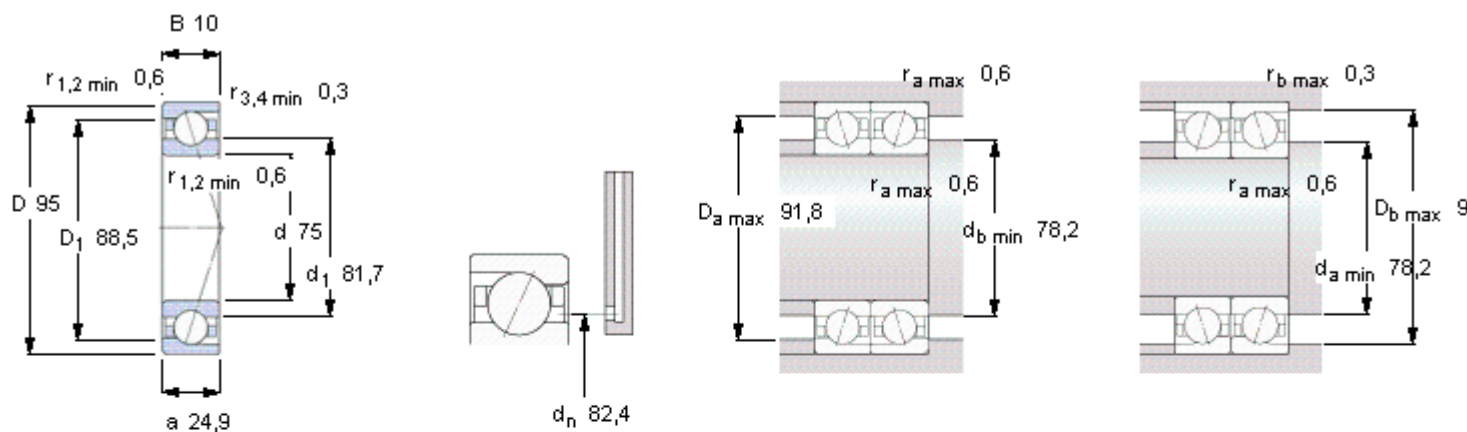


## SKF 71815 ACD/P4参数

|        |         |              |       |     |
|--------|---------|--------------|-------|-----|
| 主要尺寸   | d       | 75           | mm    | —   |
|        | D       | 95           | mm    | —   |
|        | B       | 10           | mm    | —   |
| 基本额定载荷 | C       | 13300        | N     | 动载荷 |
|        | $C_0$   | 16000        | N     | 静载荷 |
| 疲劳载荷极限 | $P_u$   | 680          | N     | —   |
| 可达转速   | Grease  | 12000        | r/min | —   |
|        | Oil-air | 18000        | r/min | —   |
| 重量     | 重量      | 140          | g     | —   |
| 型号     | 型号      | 71815 ACD/P4 | —     | —   |

## SKF 71815 ACD/P4图片



Ball diameter 5,556

Number of balls 33

### 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 |
|----|-----|-----|---|
| 88 | 265 | 530 | - |

### Static axial stiffness [N/μm]

(guideline value)

预载荷等级

| A   | B   | C   | D |
|-----|-----|-----|---|
| 162 | 257 | 355 | - |

### Reference grease quantity [cm³]

$G_{ref}$  1,5

### 计算系数

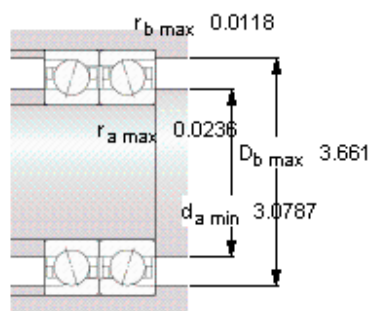
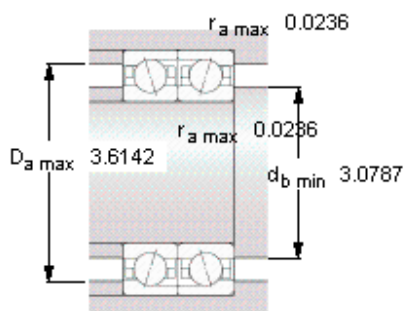
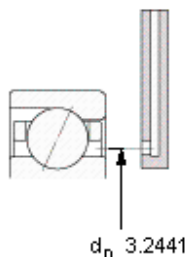
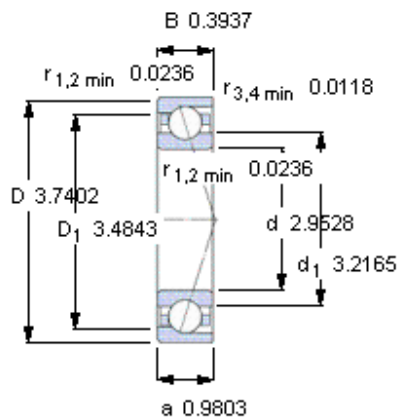
for equivalent bearing load

|       | 单列，串联 | 背对背配置，面对面配置 |
|-------|-------|-------------|
| e     | 0,68  | 0,68        |
| $X_1$ | 1     | 1           |
| $Y_1$ | 0     | 0,92        |
| $X_2$ | 0,41  | 0,67        |
| $Y_2$ | 0,87  | 1,41        |
| $X_0$ | 0,5   | 1           |
| $Y_0$ | 0,38  | 0,76        |

for preload in mounted bearing sets

|          |      |
|----------|------|
| f        | 1,36 |
| $f_1$    | 0,97 |
| $f_{2A}$ | 1    |
| $f_{2B}$ | 1,08 |
| $f_{2C}$ | 1,15 |
| $f_{2D}$ | -    |
| $f_{HC}$ | 1    |

参考资料: <http://www.sozhou.com/p/8b40874a.html>



Ball diameter 5,556  
Number of balls 33

#### 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 |
|----|-----|-----|---|
| 88 | 265 | 530 | - |

#### Static axial stiffness [N/ $\mu$ m]

(guideline value)

预载荷等级

| A   | B   | C   | D |
|-----|-----|-----|---|
| 162 | 257 | 355 | - |

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

$G_{\text{ref}}$  1,5

#### 计算系数

##### for equivalent bearing load

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