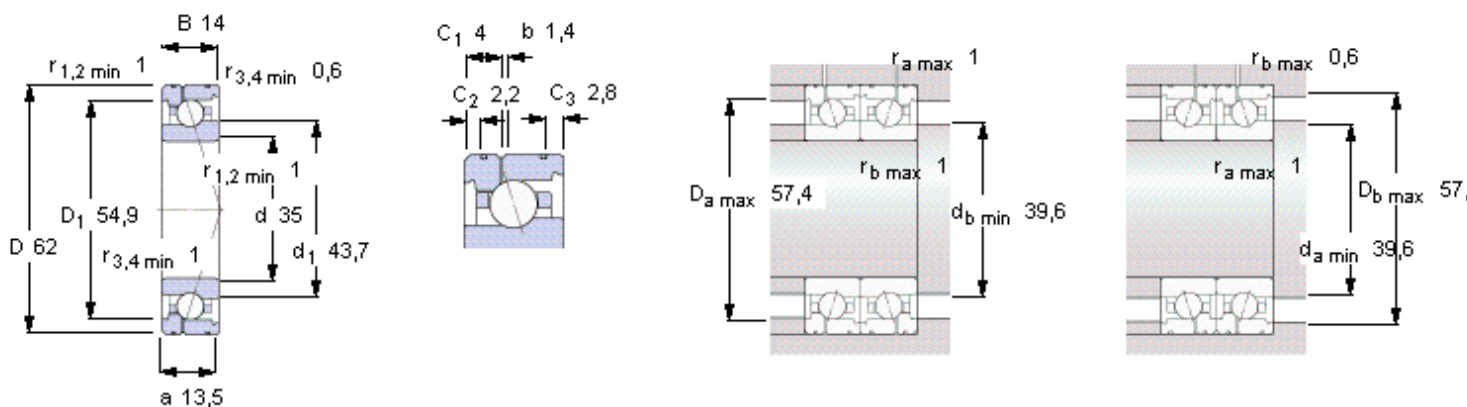


### SKF 7007 CE/HCP4AL1参数

主要尺寸	d	35	mm	-
	D	62	mm	-
	B	14	mm	-
基本额定载荷	C	11400	N	动载荷
	$C_0$	6550	N	静载荷
疲劳载荷极限	$P_u$	280	N	-
可达转速	Grease	40000	r/min	-
	Oil-air	63000	r/min	-
重量	重量	130	g	-
型号	型号	7007 CE/HCP4AL1	-	-

### SKF 7007 CE/HCP4AL1图片



**Ball diameter** 7,144  
**Number of balls** 17

**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	180	370	-

**Static axial stiffness [N/ $\mu\text{m}$ ]**  
(guideline value)

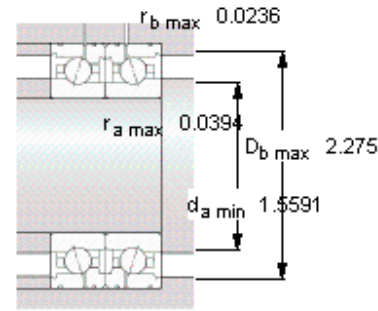
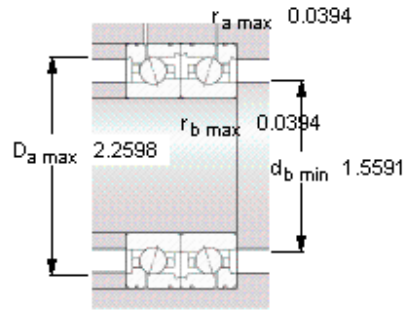
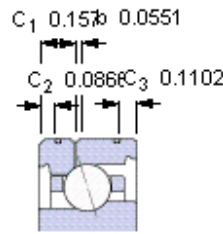
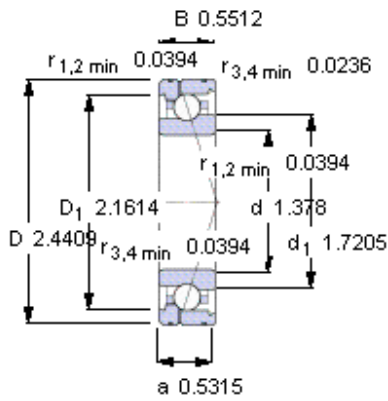
A	B	C	D
35	54	74	-

**Reference grease quantity [cm<sup>3</sup>]**  
 $G_{\text{ref}}$  2,4

**计算系数**  
**for equivalent bearing load**  
 $f_0$  7,9

**for preload in mounted bearing sets**  
 $f$  1,06  
 $f_1$  1  
 $f_{2A}$  1  
 $f_{2B}$  1,03  
 $f_{2C}$  1,05  
 $f_{2D}$  -  
 $f_{HC}$  1,01

参考资料: <http://www.sozhou.com/p/700edede.html>



**Ball diameter** 7,144

**Number of balls** 17

**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	180	370	-

**Static axial stiffness [N/μm]**

(guideline value)

预载荷等级

A	B	C	D
35	54	74	-

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

G<sub>ref</sub> 2,4

**计算系数**

**for equivalent bearing load**

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

**for preload in mounted bearing sets**

f 1,06

f<sub>1</sub> 1

f<sub>2A</sub> 1

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

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

f<sub>2D</sub> -

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