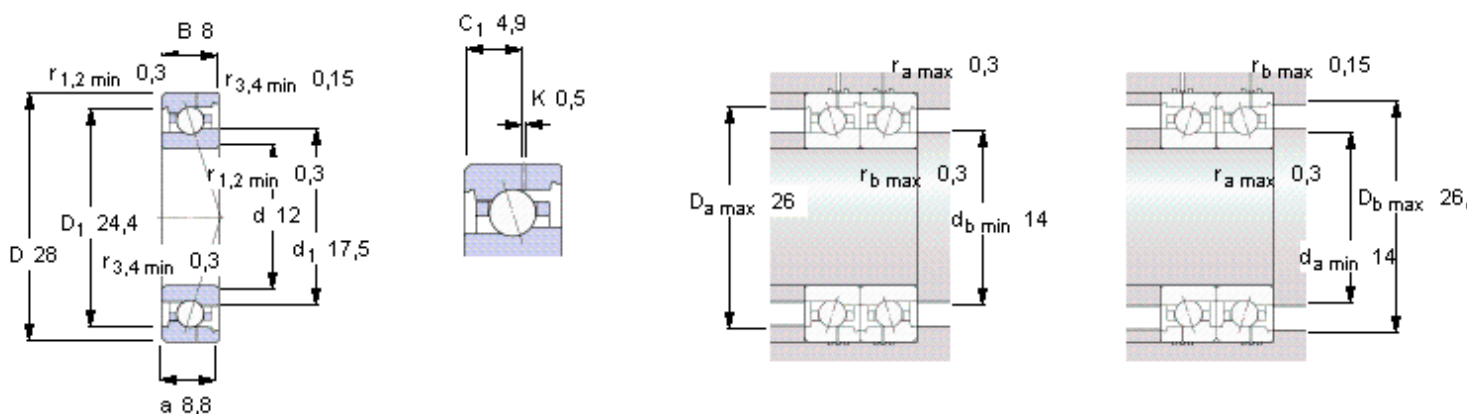


### SKF 7001 ACE/HCP4AH参数

主要尺寸	d	12	mm	-
	D	28	mm	-
	B	8	mm	-
基本额定载荷	C	3070	N	动载荷
	$C_0$	1270	N	静载荷
疲劳载荷极限	$P_u$	54	N	-
可达转速	Grease	88000	r/min	-
	Oil-air	133000	r/min	-
重量	重量	19	g	-
型号	型号	7001 ACE/HCP4AH	-	-

### SKF 7001 ACE/HCP4AH图片



**Ball diameter** 3,969

**Number of balls** 12

#### 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
28	85	170	-

#### Static axial stiffness [N/μm]

(guideline value)

预载荷等级

A	B	C	D
37	56	73	-

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

$G_{ref}$  0,31

#### 计算系数

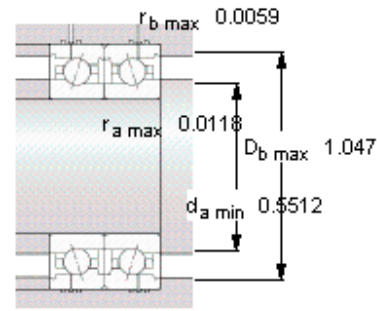
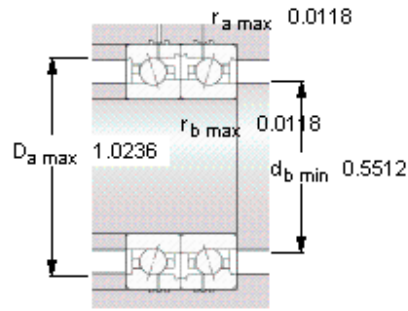
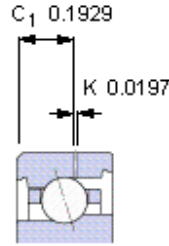
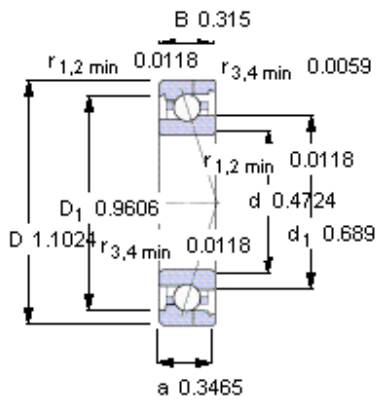
for equivalent bearing load

	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	1,02
$f_1$	0,99
$f_{2A}$	1
$f_{2B}$	1,03
$f_{2C}$	1,06
$f_{2D}$	-
$f_{HC}$	1,01

参考资料: <http://www.sozhou.com/p/21b152dd.html>



**Ball diameter** 3,969  
**Number of balls** 12

**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
28	85	170	-

**Static axial stiffness [N/μm]**

(guideline value)

预载荷等级

A	B	C	D
37	56	73	-

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

G<sub>ref</sub> 0,31

**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 <sub>1</sub>	1	1
Y <sub>1</sub>	0	0,92
X <sub>2</sub>	0,41	0,67
Y <sub>2</sub>	0,87	1,41
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