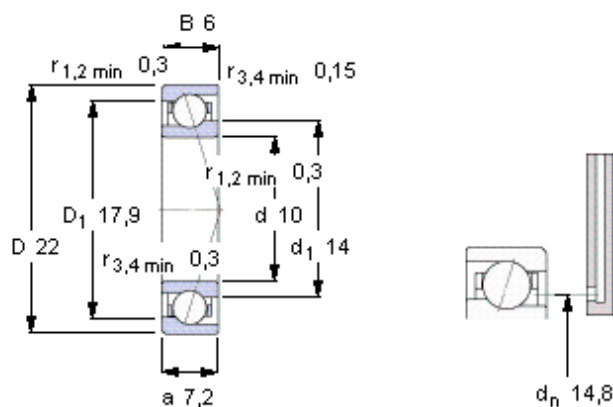


SKF 71900 ACE/HCP4A参数

主要尺寸	d	10	mm	—
	D	22	mm	—
	B	6	mm	—
基本额定载荷	C	1950	N	动载荷
	C_0	780	N	静载荷
疲劳载荷极限	P_u	32	N	—
可达转速	Grease	109000	r/min	—
	Oil-air	165000	r/min	—
重量	重量	8	g	—
型号	型号	71900 ACE/HCP4A	—	—

SKF 71900 ACE/HCP4A图片



Ball diameter 3,175

Number of balls 11

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
17	50	100	-

Static axial stiffness [N/μm]

(guideline value)

预载荷等级

A	B	C	D
28	41	54	-

Reference grease quantity [cm³]

G_{ref} 0,1

计算系数

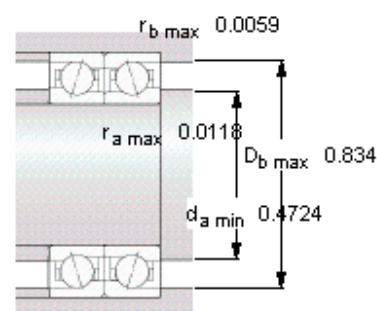
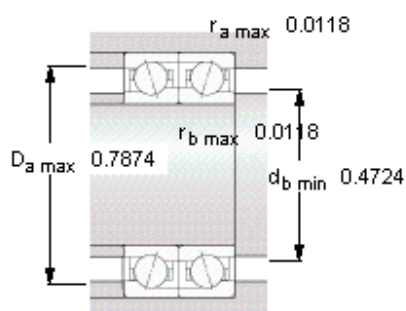
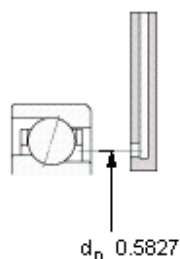
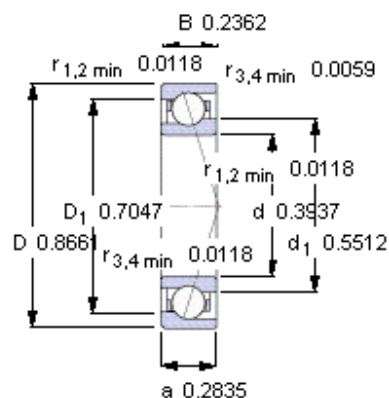
for equivalent bearing load

	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	1,03
f_1	0,98
f_{2A}	1
f_{2B}	1,04
f_{2C}	1,08
f_{2D}	-
f_{HC}	1,01

参考资料: <http://www.sozhou.com/p/d0e9535c.html>



Ball diameter 3,175

Number of balls 11

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
17	50	100	-

Static axial stiffness [N/μm]

(guideline value)

预载荷等级

A	B	C	D
28	41	54	-

Reference grease quantity [cm³]

G_{ref} 0,1

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	1,03
f ₁	0,98
f _{2A}	1
f _{2B}	1,04
f _{2C}	1,08
f _{2D}	-
f _{HC}	1,01