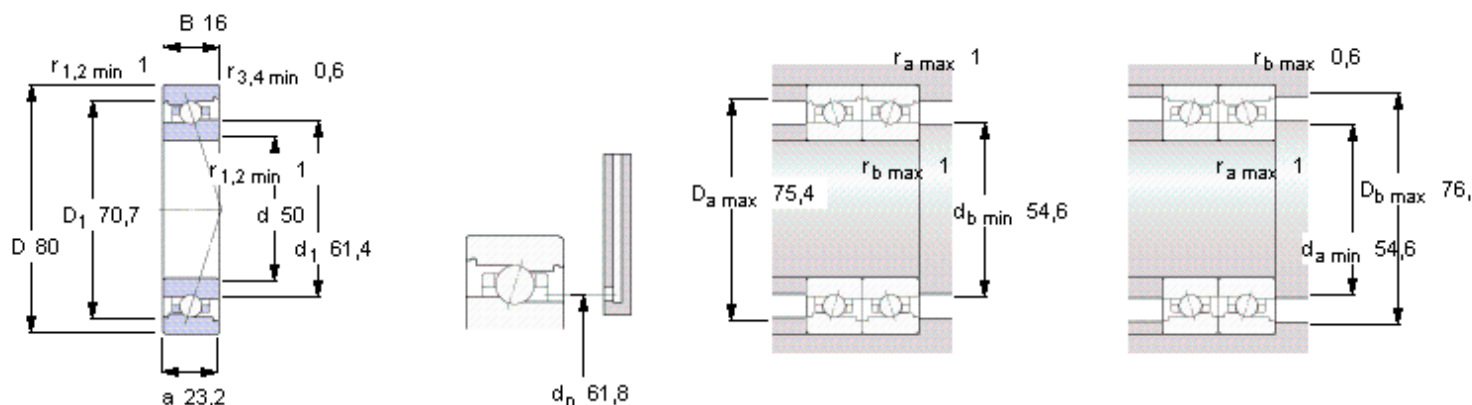


SKF 7010 ACB/HCP4A参数

主要尺寸	d	50	mm	—
	D	80	mm	—
	B	16	mm	—
基本额定载荷	C	9360	N	动载荷
	C_0	7350	N	静载荷
疲劳载荷极限	P_u	310	N	—
可达转速	Grease	26000	r/min	—
	Oil-air	40000	r/min	—
重量	重量	280	g	—
型号	型号	7010 ACB/HCP4A	—	—

SKF 7010 ACB/HCP4A图片



Ball diameter 5,556

Number of balls 27

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
56	110	330	-

Static axial stiffness [N/μm]

(guideline value)

预载荷等级

A	B	C	D
97	122	183	-

Reference grease quantity [cm³]

G_{ref} 3,1

计算系数

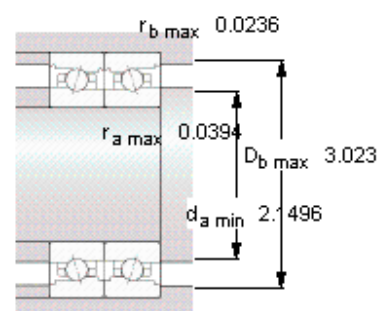
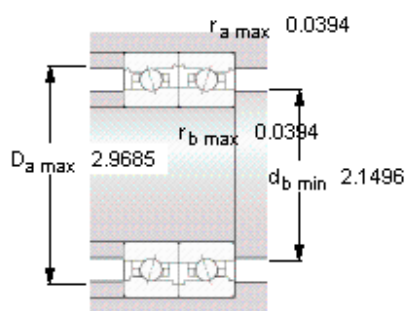
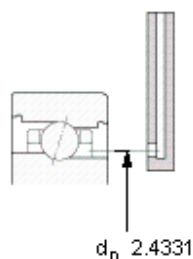
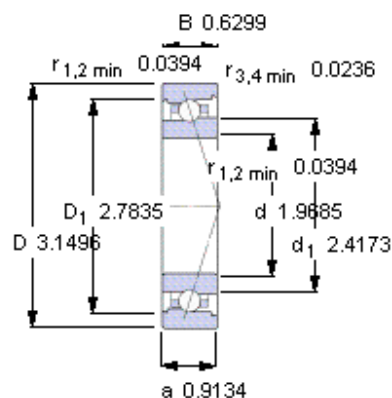
for equivalent bearing load

	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	1,06
f_1	0,99
f_{2A}	1
f_{2B}	1,02
f_{2C}	1,05
f_{2D}	-
f_{HC}	1,01

参考资料: <http://www.sozhou.com/p/5c0e1cfa.html>



Ball diameter 5,556

Number of balls 27

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
56	110	330	-

Static axial stiffness [N/μm]

(guideline value)

预载荷等级

A	B	C	D
97	122	183	-

Reference grease quantity [cm³]

G_{ref} 3,1

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	1,06
f ₁	0,99
f _{2A}	1
f _{2B}	1,02
f _{2C}	1,05
f _{2D}	-
f _{HC}	1,01