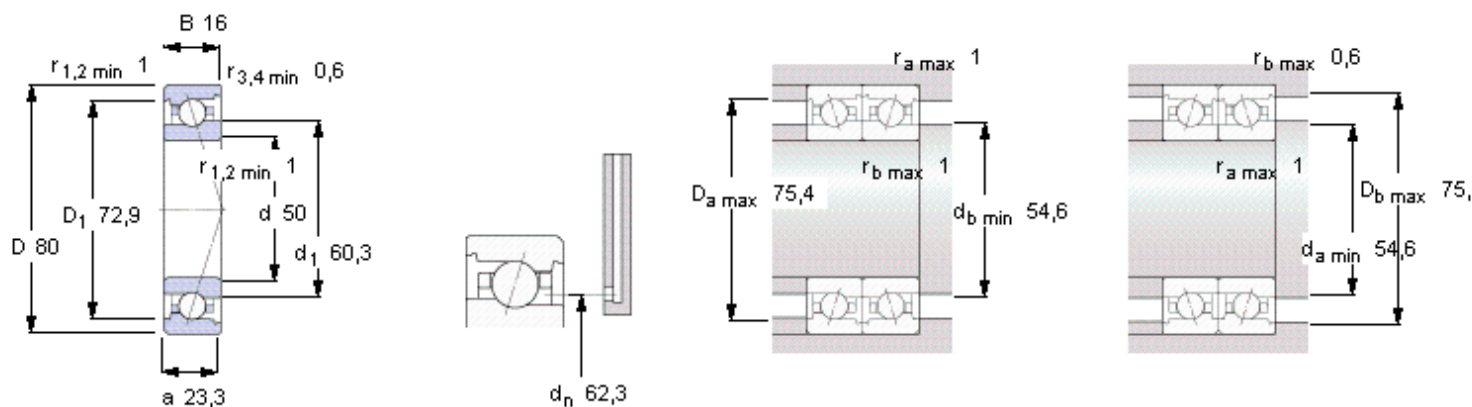


SKF 7010 ACE/P4A参数

主要尺寸	d	50	mm	—
	D	80	mm	—
	B	16	mm	—
基本额定载荷	C	14800	N	动载荷
	C_0	10000	N	静载荷
疲劳载荷极限	P_u	425	N	—
可达转速	Grease	23000	r/min	—
	Oil-air	34000	r/min	—
重量	重量	250	g	—
型号	型号	7010 ACE/P4A	—	—

SKF 7010 ACE/P4A图片



Ball diameter 7,938

Number of balls 21

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
130	400	800	-

Static axial stiffness [N/μm]

(guideline value)

预载荷等级

A	B	C	D
104	156	204	-

Reference grease quantity [cm³]

G_{ref} 4,1

计算系数

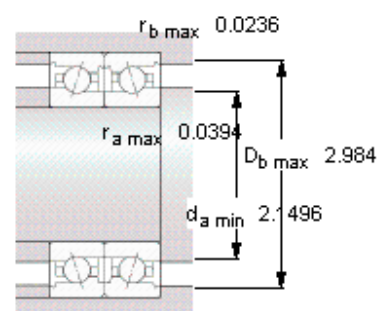
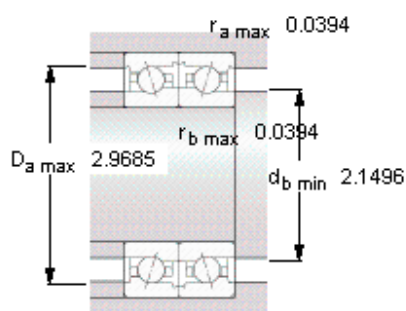
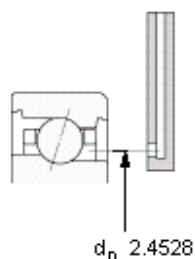
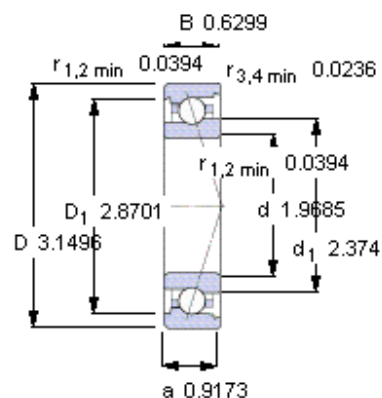
for equivalent bearing load

	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	1,08
f_1	0,99
f_{2A}	1
f_{2B}	1,03
f_{2C}	1,06
f_{2D}	-
f_{HC}	1

参考资料: <http://www.sozhou.com/p/4fbc32be.html>



Ball diameter 7,938

Number of balls 21

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
130	400	800	-

Static axial stiffness [N/μm]

(guideline value)

预载荷等级

A	B	C	D
104	156	204	-

Reference grease quantity [cm³]

G_{ref} 4,1

计算系数

for equivalent bearing load

	单列，串联	背对背配置，面对面配置
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X ₂	0,41	0,67
Y ₂	0,87	1,41
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for preload in mounted bearing sets

f	1,08
f ₁	0,99
f _{2A}	1
f _{2B}	1,03
f _{2C}	1,06
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f _{HC}	1