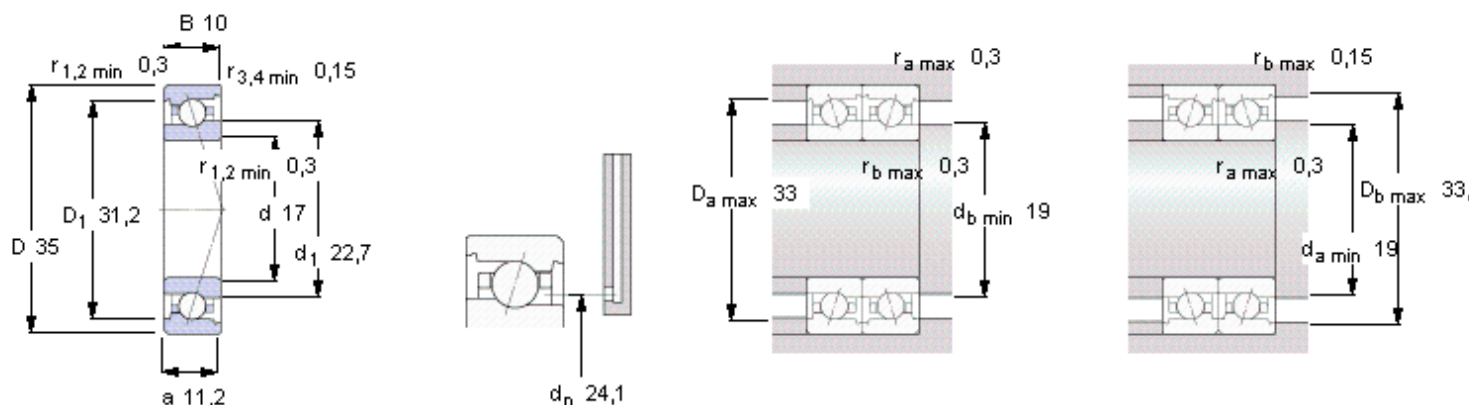


SKF 7003 ACE/HCP4A参数

主要尺寸	d	17	mm	-
	D	35	mm	-
	B	10	mm	-
基本额定载荷	C	5590	N	动载荷
	C_0	2450	N	静载荷
疲劳载荷极限	P_u	104	N	-
可达转速	Grease	68000	r/min	-
	Oil-air	103000	r/min	-
重量	重量	30	g	-
型号	型号	7003 ACE/HCP4A	-	-

SKF 7003 ACE/HCP4A图片



Ball diameter 5,556
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
50	150	300	-

Static axial stiffness [N/μm]
(guideline value)

预载荷等级			
A	B	C	D
51	76	99	-

Reference grease quantity [cm³]
 G_{ref} 0,68

计算系数

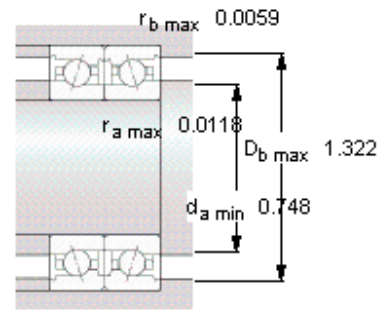
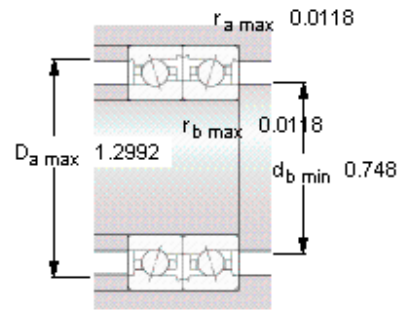
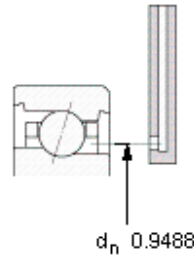
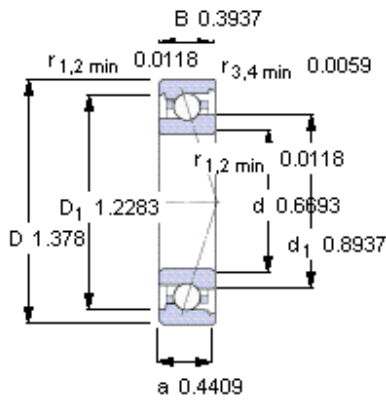
for equivalent bearing load

	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	1,04
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/ce8effa4.html>



Ball diameter 5,556

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
50	150	300	-

Static axial stiffness [N/μm]

(guideline value)

预载荷等级

A	B	C	D
51	76	99	-

Reference grease quantity [cm³]

G_{ref} 0,68

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
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for preload in mounted bearing sets

f	1,04
f ₁	0,99
f _{2A}	1
f _{2B}	1,03
f _{2C}	1,06
f _{2D}	-
f _{HC}	1,01