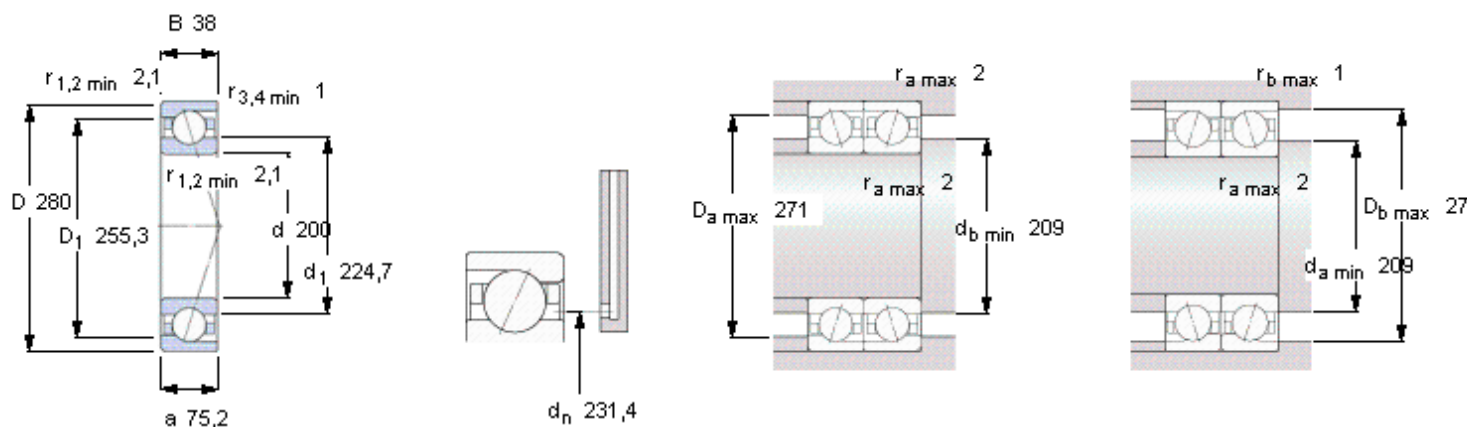


SKF 71940 ACD/HCP4A参数

主要尺寸	d	200	mm	—
	D	280	mm	—
	B	38	mm	—
基本额定载荷	C	199000	N	动载荷
	C_0	250000	N	静载荷
疲劳载荷极限	P_u	6800	N	—
可达转速	Grease	5000	r/min	—
	Oil-air	7500	r/min	—
重量	重量	5100	g	—
型号	型号	71940 ACD/HCP4A	—	—

SKF 71940 ACD/HCP4A图片



Ball diameter 25,4

Number of balls 26

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
1250	2500	5000	10000

Static axial stiffness [N/μm]

(guideline value)

预载荷等级

A	B	C	D
538	704	938	1274

Reference grease quantity [cm³]

G_{ref} 81

计算系数

for equivalent bearing load

单列，串联

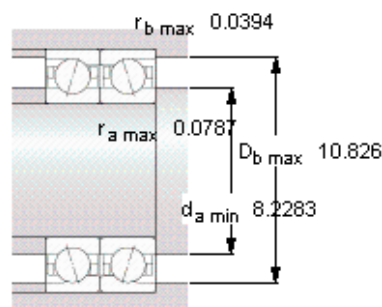
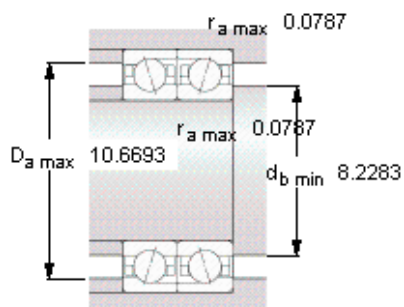
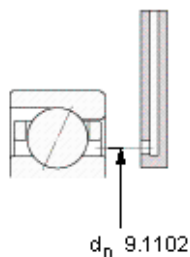
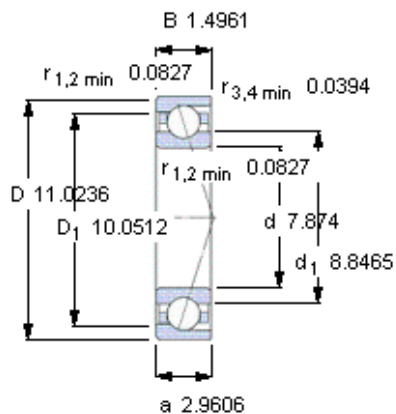
e	0,68	0,68
X ₁	1	1
Y ₁	0	0,92
X ₂	0,41	0,67
Y ₂	0,87	1,41
X ₀	0,5	1
Y ₀	0,38	0,76

背对背配置，面对面配置

for preload in mounted bearing sets

f	1,23
f ₁	0,98
f _{2A}	1
f _{2B}	1,07
f _{2C}	1,12
f _{2D}	1,17
f _{HC}	1,04

参考资料: <http://www.sozhou.com/p/fa58d6da.html>



Ball diameter 25,4
Number of balls 26

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
1250	2500	5000	10000

Static axial stiffness [N/μm]

(guideline value)

预载荷等级

A	B	C	D
538	704	938	1274

Reference grease quantity [cm³]

G_{ref} 81

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

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