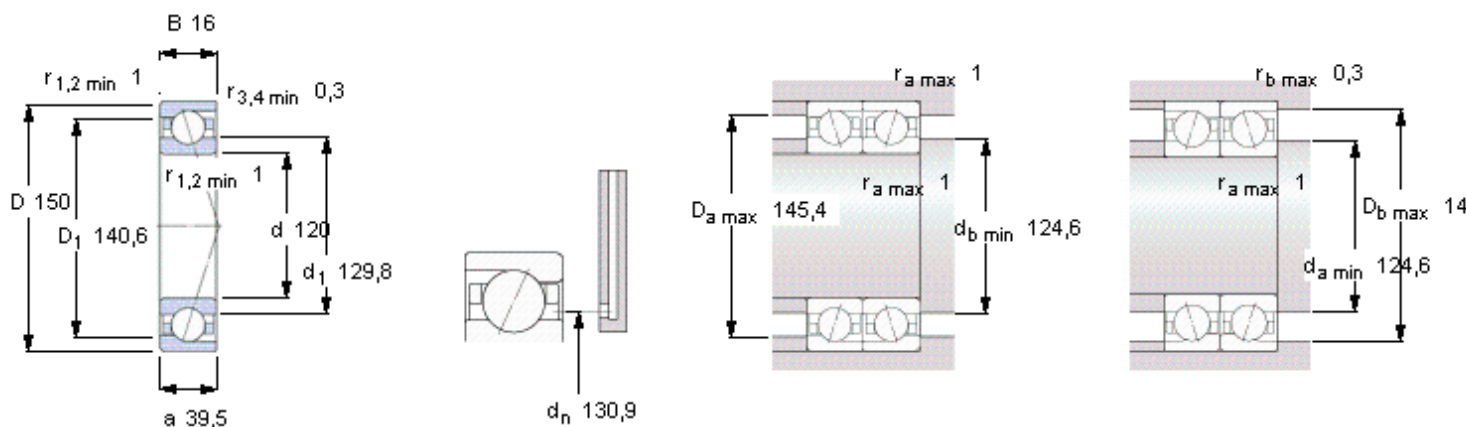


SKF 71824 ACD/HCP4参数

主要尺寸	d	120	mm	—
	D	150	mm	—
	B	16	mm	—
基本额定载荷	C	31200	N	动载荷
	C_0	42500	N	静载荷
疲劳载荷极限	P_u	1530	N	—
可达转速	Grease	8000	r/min	—
	Oil-air	13000	r/min	—
重量	重量	490	g	—
型号	型号	71824 ACD/HCP4	—	—

SKF 71824 ACD/HCP4图片



Ball diameter 8,731

Number of balls 35

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
210	630	1260	-

Static axial stiffness [N/μm]

(guideline value)

预载荷等级

A	B	C	D
290	463	640	-

Reference grease quantity [cm³]

G_{ref} 5,5

计算系数

for equivalent bearing load

单列，串联

e	0,68
X_1	1
Y_1	0
X_2	0,41
Y_2	0,87
X_0	0,5
Y_0	0,38

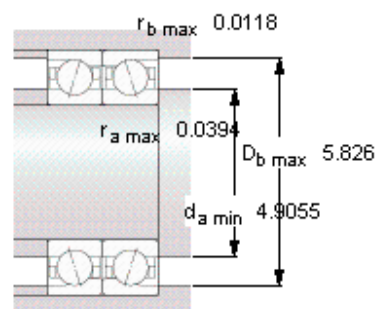
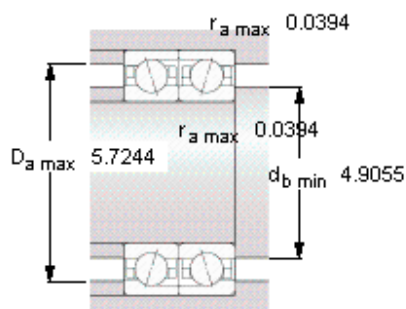
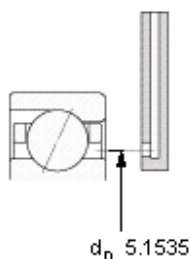
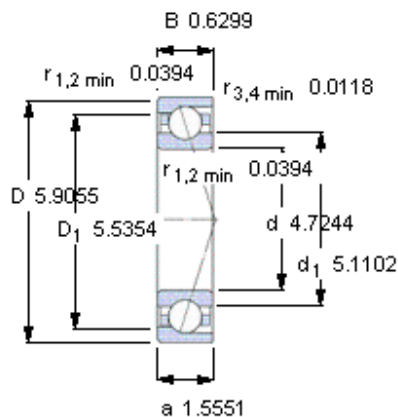
背对背配置，面对面配置

e	0,68
X_1	1
Y_1	0,92
X_2	0,67
Y_2	1,41
X_0	1
Y_0	0,76

for preload in mounted bearing sets

f	1,41
f_1	0,97
f_{2A}	1
f_{2B}	1,09
f_{2C}	1,17
f_{2D}	-
f_{HC}	1,02

参考资料: <http://www.sozhou.com/p/f99b9506.html>



Ball diameter 8,731

Number of balls 35

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
210	630	1260	-

Static axial stiffness [N/μm]

(guideline value)

预载荷等级

A	B	C	D
290	463	640	-

Reference grease quantity [cm³]

G_{ref} 5,5

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	1,41
f_1	0,97
f_{2A}	1
f_{2B}	1,09
f_{2C}	1,17
f_{2D}	-
f_{HC}	1,02