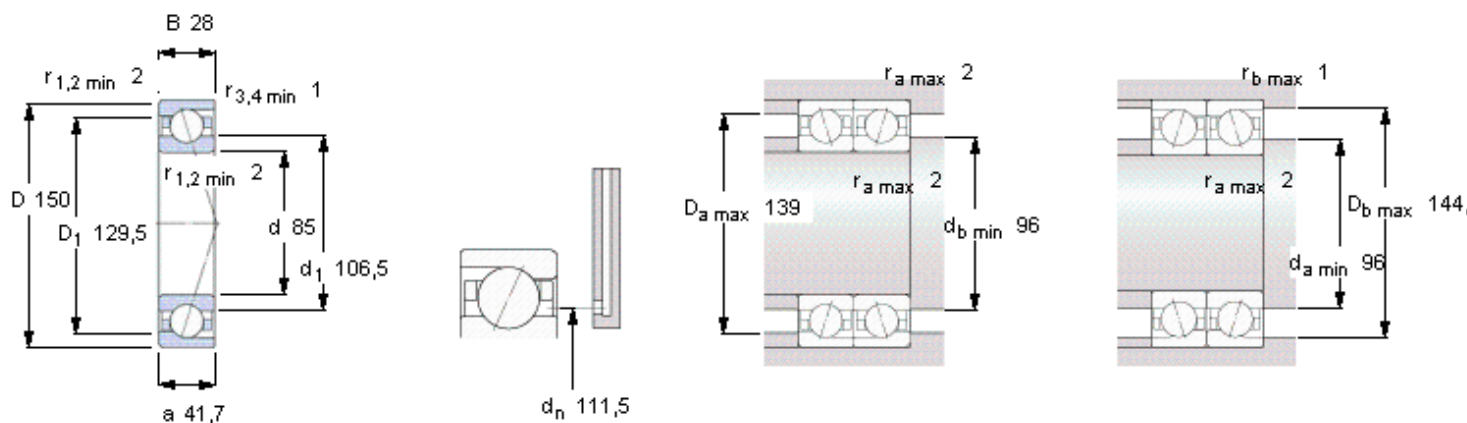


SKF 7217 ACD/HCP4A参数

主要尺寸	d	85	mm	—
	D	150	mm	—
	B	28	mm	—
基本额定载荷	C	95600	N	动载荷
	C_0	85000	N	静载荷
疲劳载荷极限	P_u	3350	N	—
可达转速	Grease	9500	r/min	—
	Oil-air	16000	r/min	—
重量	重量	1550	g	—
型号	型号	7217 ACD/HCP4A	—	—

SKF 7217 ACD/HCP4A图片



Ball diameter 19,05

Number of balls 17

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
600	1200	2400	4800

Static axial stiffness [N/μm]

(guideline value)

预载荷等级

A	B	C	D
278	361	477	642

Reference grease quantity [cm³]

$G_{ref} = 22$

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

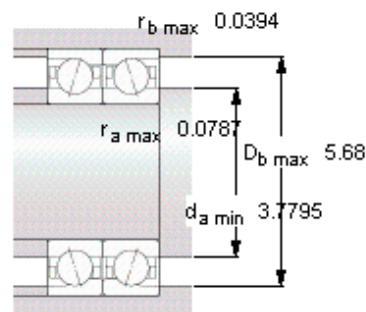
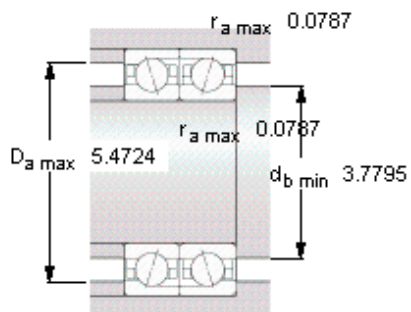
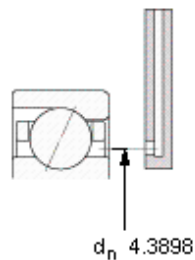
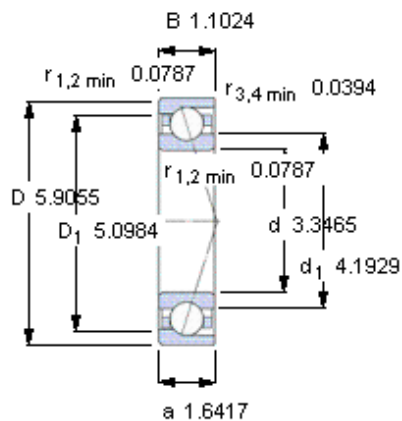
背对背配置，面对面配置

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	1,08
f_1	0,99
f_{2A}	1
f_{2B}	1,01
f_{2C}	1,03
f_{2D}	1,06
f_{HC}	1,01

参考资料: <http://www.sozhou.com/p/ad5665c6.html>



Ball diameter 19,05

Number of balls 17

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
600	1200	2400	4800

Static axial stiffness [N/ μ m]

(guideline value)

预载荷等级

A	B	C	D
278	361	477	642

Reference grease quantity [cm³]

G_{ref} 22

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}	1,01
f_{2C}	1,03
f_{2D}	1,06
f_{HC}	1,01