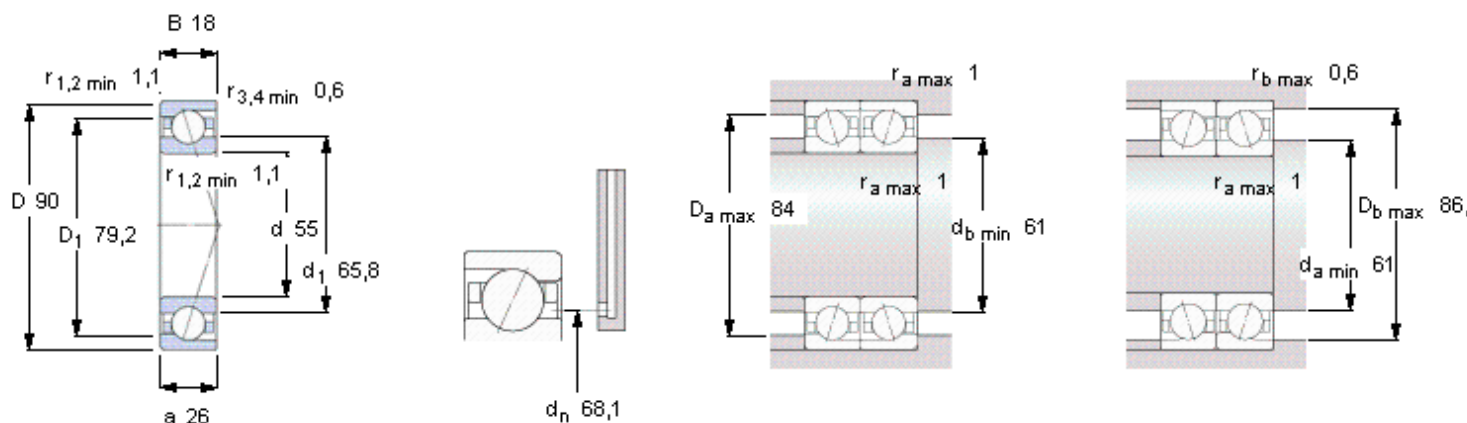


SKF 7011 ACD/HCP4A参数

主要尺寸	d	55	mm	—
	D	90	mm	—
	B	18	mm	—
基本额定载荷	C	37100	N	动载荷
	C_0	31000	N	静载荷
疲劳载荷极限	P_u	1320	N	—
可达转速	Grease	17000	r/min	—
	Oil-air	26000	r/min	—
重量	重量	320	g	—
型号	型号	7011 ACD/HCP4A	—	—

SKF 7011 ACD/HCP4A图片



Ball diameter 11,112

Number of balls 18

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
230	460	920	1840

Static axial stiffness [N/μm]

(guideline value)

预载荷等级

A	B	C	D
176	230	305	413

Reference grease quantity [cm³]

G_{ref} 5,1

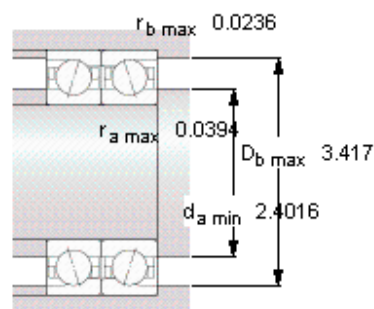
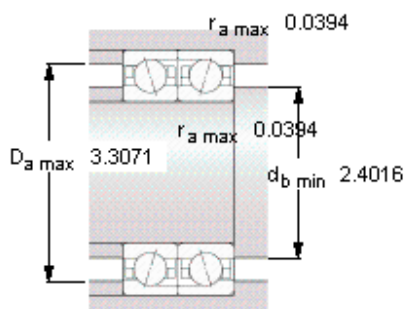
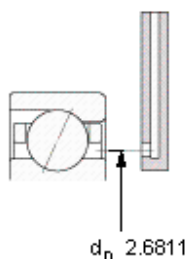
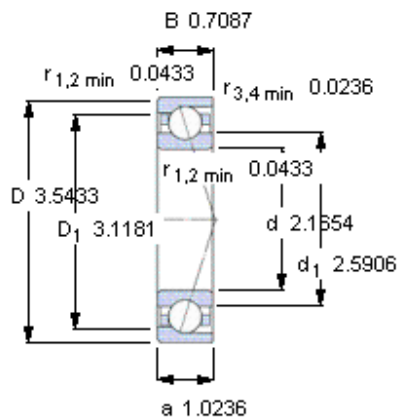
计算系数

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	1,1
f_1	0,99
f_{2A}	1
f_{2B}	1,02
f_{2C}	1,05
f_{2D}	1,08
f_{HC}	1,02



Ball diameter 11,112
Number of balls 18

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
230	460	920	1840

Static axial stiffness [N/ μ m]

(guideline value)

预载荷等级

A	B	C	D
176	230	305	413

Reference grease quantity [cm³]

G_{ref} 5,1

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	1,1
f_1	0,99
f_{2A}	1
f_{2B}	1,02
f_{2C}	1,05
f_{2D}	1,08
f_{HC}	1,02