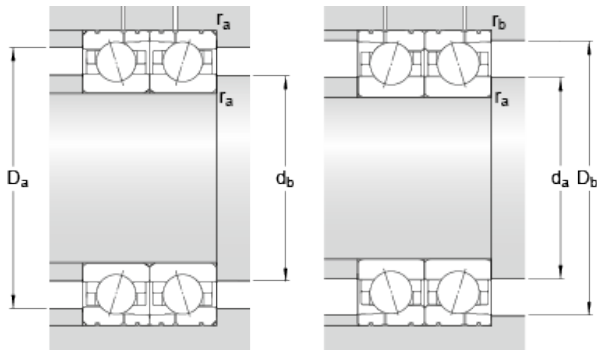




Jlys Tech Ltd.



SKF 7026 ACD/HCP4AL Angular Contact Ball Bearings, Super-Precision

Bearing No. 7026 ACD/HCP4AL

7026 ACD/HCP4AL Bearing 2D drawings and 3D CAD models

d	130 mm
D	200 mm
B	33 mm
d ₁	151.6 mm
d ₂	151.6 mm
D ₁	178.4 mm
b	3.1 mm
C ₁	17.9 mm
C ₂	6.6 mm
C ₃	5.6 mm
r _{1,2} min.	2 mm
r _{3,4} min.	1 mm
a	55.2 mm
d _a min.	139 mm
d _b min.	139 mm
D _a max.	191 mm
D _b max.	195 mm
r _a max.	2 mm
r _b max.	1 mm
d _n	156.4 mm
Basic dynamic load rating C	140 kN
Basic static load rating C ₀	150 kN
Fatigue load limit P _u	4.9 kN
Attainable speed for grease lubrication	7500 r/min
Attainable speed for oil-air	12000 r/min



Jlys Tech Ltd.

Lubrication	
Ball diameter D_w	22.225 mm
Number of balls z	21
Reference grease quantity G_{ref}	42 cm ³
Preload class A G_A	900 N
Static axial stiffness, preload class A	392 N/ μ m
Preload class B G_B	1800 N
Static axial stiffness, preload class B	511 N/ μ m
Preload class C G_C	3600 N
Static axial stiffness, preload class C	677 N/ μ m
Preload class D G_D	7200 N
Static axial stiffness, preload class D	917 N/ μ m
Calculation factor f	1.15
Calculation factor f_1	0.99
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.02
Calculation factor f_{2C}	1.05
Calculation factor f_{2D}	1.08
Calculation factor f_{HC}	1.02
Calculation factor e	0.68
Calculation factor (single, tandem) Y_2	0.87
Calculation factor (single, tandem) Y_0	0.38
Calculation factor (single, tandem) X_2	0.41
Calculation factor (back-to- back, face-to-face) Y_1	0.92
Calculation factor (back-to- back, face-to-face) Y_2	1.41



Jlys Tech Ltd.

Calculation factor (back-to-back, face-to-face) Y_0	0.76
Calculation factor (back-to-back, face-to-face) X_2	0.67
Mass bearing	2.67 kg