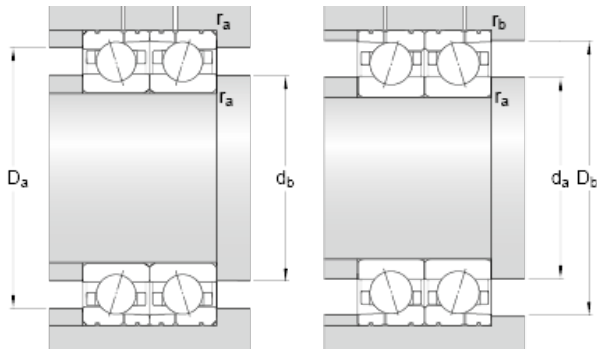




# Nice Precision Bearings (India) Pvt. Ltd



130 mm x 200 mm x 33 mm Fatigue load limit  
Pu SKF 7026 ACD/HCP4AL Double-Row  
Angular Contact Ball Bearings

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 <sub>1</sub>	151.6 mm
d <sub>2</sub>	151.6 mm
D <sub>1</sub>	178.4 mm
b	3.1 mm
C <sub>1</sub>	17.9 mm
C <sub>2</sub>	6.6 mm
C <sub>3</sub>	5.6 mm
r <sub>1,2</sub> min.	2 mm
r <sub>3,4</sub> min.	1 mm
a	55.2 mm
d <sub>a</sub> min.	139 mm
d <sub>b</sub> min.	139 mm
D <sub>a</sub> max.	191 mm
D <sub>b</sub> max.	195 mm
r <sub>a</sub> max.	2 mm
r <sub>b</sub> max.	1 mm
d <sub>n</sub>	156.4 mm
Basic dynamic load rating C	140 kN
Basic static load rating C <sub>0</sub>	150 kN
Fatigue load limit P <sub>u</sub>	4.9 kN
Attainable speed for grease lubrication	7500 r/min



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Attainable speed for oil-air lubrication	12000 r/min
Ball diameter $D_w$	22.225 mm
Number of balls $z$	21
Reference grease quantity $G_{ref}$	42 cm <sup>3</sup>
Preload class A $G_A$	900 N
Static axial stiffness, preload class A	392 N/ $\mu$ m
Preload class B $G_B$	1800 N
Static axial stiffness, preload class B	511 N/ $\mu$ m
Preload class C $G_C$	3600 N
Static axial stiffness, preload class C	677 N/ $\mu$ m
Preload class D $G_D$	7200 N
Static axial stiffness, preload class D	917 N/ $\mu$ 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



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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