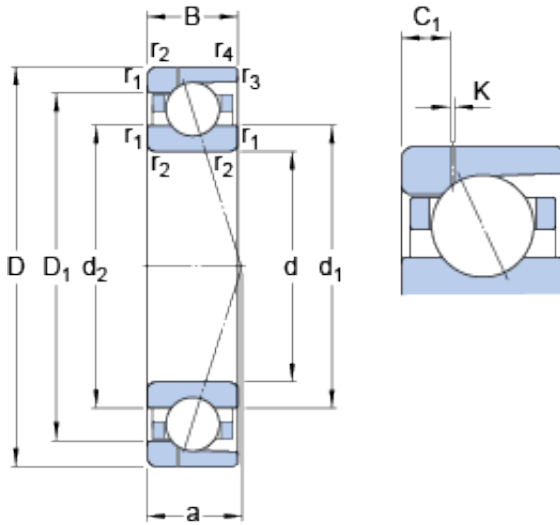




Bearing Manufacturing of America



130 mm x 200 mm x 33 mm 130 mm x 200 mm
x 33 mm SKF 7026 ACD/P4AH1 angular contact
ball bearings

Bearing No. 7026 ACD/P4AH1

7026 ACD/P4AH1 Bearing 2D drawings and 3D CAD
models

Size	200x130x33 mm
Bore Diameter	200 mm
Outer Diameter	130 mm
Width	33 mm
d	130 mm
D	200 mm
B	33 mm
d ₁	151.6 mm
d ₂	151.6 mm
D ₁	178.4 mm
K	0.5 mm
C ₁	8.9 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



Bearing Manufacturing of America

Basic static load rating - C_0	150 kN
Fatigue load limit - P_u	4.9 kN
Limiting speed for grease lubrication	6000 r/min
Limiting speed for oil lubrication	9000 mm/min
Ball - D_w	22.225 mm
Ball - z	21
G_{ref}	42 cm ³
Calculation factor - e	0.68
Calculation factor - Y_2	0.87
Calculation factor - Y_0	0.38
Calculation factor - X_2	0.41
Calculation factor - Y_1	0.92
Calculation factor - Y_2	1.41
Calculation factor - Y_0	0.76
Calculation factor - X_2	0.67
Preload class A - G_A	900 N
Preload class B - G_B	1800 N
Preload class C - G_C	3600 N
Preload class D - G_D	7200 N
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
Preload class A	353 N/micron



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Preload class B	460 N/micron
Preload class C	610 N/micron
Preload class D	826 N/micron
d_1	151.6 mm
d_2	151.6 mm
D_1	178.4 mm
C_1	8.9 mm
$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	1 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	6000 r/min
Attainable speed for oil-air lubrication	9000 r/min
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	353 N/ μ m
Preload class B G_B	1800 N
Static axial stiffness, preload class B	460 N/ μ m
Preload class C G_C	3600 N



Bearing Manufacturing of America

Static axial stiffness, preload class C	610 N/ μ m
Preload class D G_D	7200 N
Static axial stiffness, preload class D	826 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
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
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	3.23 kg