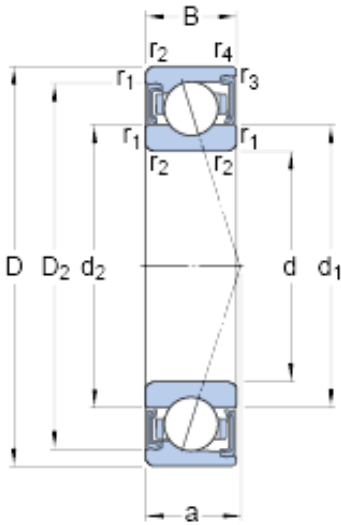




Timken MANUFACTURING (THAILAND)CO.,LTD.



S7026 ACD/P4A Bearing 2D drawings and 3D CAD models

130 mm x 200 mm x 33 mm SKF S7026 ACD/P4A angular contact ball bearings

Bearing No. S7026 ACD/P4A

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 ₂	183.1 mm
r _{1,2} - min.	2 mm
r _{3,4} - min.	1 mm
a	55.2 mm
d _a - min.	139 mm
d _a - max.	151 mm
d _b - min.	139 mm
d _b - max.	151 mm
D _a - max.	191 mm
D _b - max.	195 mm
r _a - max.	2 mm
r _b - max.	1 mm
Basic dynamic load rating - C	140 kN
Basic static load rating - C ₀	150 kN
Fatigue load limit - P _u	4.9 kN



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Limiting speed for grease lubrication	6000 r/min
Ball - D_w	22.225 mm
Ball - z	21
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
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_2	183.1 mm



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$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	1 mm
d_a min.	139 mm
d_a max.	151 mm
d_b min.	139 mm
d_b max.	151 mm
D_a max.	191 mm
D_b max.	195 mm
r_a max.	2 mm
r_b max.	1 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
Ball diameter D_w	22.225 mm
Number of balls z	21
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
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



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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	3.26 kg