



Bearing import and Export Co., Ltd



71956 CD/P4A Bearing 2D drawings and 3D CAD models

280 mm x 380 mm x 46 mm SKF 71956
CD/P4A angular contact ball bearings

Bearing No. 71956 CD/P4A

Size	380x280x46 mm
Bore Diameter	380 mm
Outer Diameter	280 mm
Width	46 mm
d	280 mm
D	380 mm
B	46 mm
d ₁	311.8 mm
d ₂	311.8 mm
D ₁	348.2 mm
r _{1,2} - min.	2.1 mm
r _{3,4} - min.	1.1 mm
a	67.4 mm
d _a - min.	291 mm
d _b - min.	291 mm
D _a - max.	369 mm
D _b - max.	374 mm
r _a - max.	2 mm
r _b - max.	1 mm
d _n	319.7 mm
Basic dynamic load rating - C	291 kN
Basic static load rating - C ₀	455 kN
Fatigue load limit - P _u	10.6 kN
Limiting speed for grease	3200 r/min



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Lubrication	
Limiting speed for oil lubrication	4800 mm/min
Ball - D_w	30.162 mm
Ball - z	31
G_{ref}	159 cm ³
Calculation factor - f_0	16.7
Preload class A - G_A	1090 N
Preload class B - G_B	2180 N
Preload class C - G_C	4360 N
Preload class D - G_D	8720 N
Calculation factor - f	1.27
Calculation factor - f	1
Calculation factor - f_{2A}	1
Calculation factor - f_{2B}	1.04
Calculation factor - f_{2C}	1.09
Calculation factor - f_{2D}	1.15
Calculation factor - f_{HC}	1
Preload class A	266 N/micron
Preload class B	363 N/micron
Preload class C	509 N/micron
Preload class D	741 N/micron
d_1	311.8 mm
d_2	311.8 mm
D_1	348.2 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	1.1 mm
d_a min.	291 mm
d_b min.	291 mm
D_a max.	369 mm



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D_b max.	374 mm
r_a max.	2 mm
r_b max.	1 mm
d_n	319.7 mm
Basic dynamic load rating C	291 kN
Basic static load rating C_0	455 kN
Fatigue load limit P_u	10.6 kN
Attainable speed for grease lubrication	3200 r/min
Attainable speed for oil-air lubrication	4800 r/min
Ball diameter D_w	30.162 mm
Number of balls z	31
Reference grease quantity G_{ref}	159 cm ³
Preload class A G_A	1090 N
Static axial stiffness, preload class A	266 N/ μ m
Preload class B G_B	2180 N
Static axial stiffness, preload class B	363 N/ μ m
Preload class C G_C	4360 N
Static axial stiffness, preload class C	509 N/ μ m
Preload class D G_D	8720 N
Static axial stiffness, preload class D	741 N/ μ m
Calculation factor f	1.27
Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.04
Calculation factor f_{2C}	1.09
Calculation factor f_{2D}	1.15
Calculation factor f_{HC}	1



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Calculation factor f_0	16.7
Mass bearing	12.9 kg