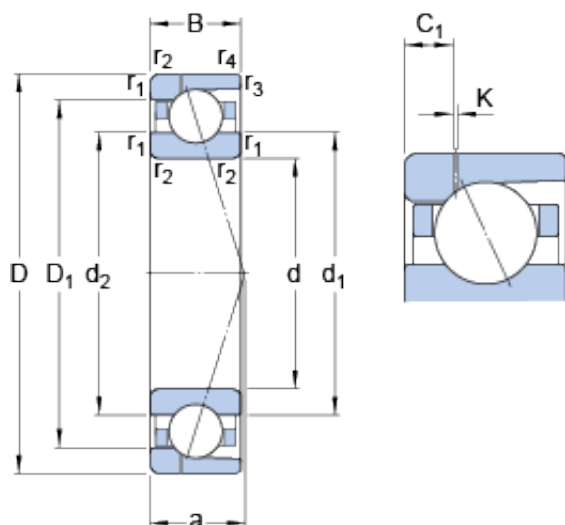




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130 mm x 180 mm x 24 mm 130 mm x 180 mm x 24 mm SKF 71926 CD/P4AH1 angular contact ball bearings

Bearing No. 71926 CD/P4AH1

71926 CD/P4AH1 Bearing 2D drawings and 3D CAD models

Size	180x130x24 mm
Bore Diameter	180 mm
Outer Diameter	130 mm
Width	24 mm
d	130 mm
D	180 mm
B	24 mm
d ₁	145.4 mm
d ₂	145.4 mm
D ₁	164.6 mm
K	0.5 mm
C ₁	6.92 mm
r _{1,2} - min.	1.5 mm
r _{3,4} - min.	0.6 mm
a	32.8 mm
d _a - min.	137 mm
d _b - min.	137 mm
D _a - max.	173 mm
D _b - max.	176 mm
r _a - max.	1.5 mm
r _b - max.	0.6 mm
d _n	149.5 mm
Basic dynamic load rating - C	92.3 kN



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Basic static load rating - C_0	108 kN
Fatigue load limit - P_u	3.6 kN
Limiting speed for grease lubrication	7000 r/min
Limiting speed for oil lubrication	11000 mm/min
Ball - D_w	15.875 mm
Ball - z	27
G_{ref}	20.4 cm ³
Calculation factor - f_0	16.4
Preload class A - G_A	350 N
Preload class B - G_B	700 N
Preload class C - G_C	1400 N
Preload class D - G_D	2800 N
Calculation factor - f	1.25
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	137 N/micron
Preload class B	188 N/micron
Preload class C	266 N/micron
Preload class D	391 N/micron
d_1	145.4 mm
d_2	145.4 mm
D_1	164.6 mm
C_1	6.92 mm
$r_{1,2}$ min.	1.5 mm



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$r_{3,4}$ min.	0.6 mm
d_a min.	137 mm
d_b min.	137 mm
D_a max.	173 mm
D_b max.	176 mm
r_a max.	1.5 mm
r_b max.	0.6 mm
d_n	149.5 mm
Basic dynamic load rating C	92.3 kN
Basic static load rating C_0	108 kN
Fatigue load limit P_u	3.65 kN
Attainable speed for grease lubrication	7000 r/min
Attainable speed for oil-air lubrication	11000 r/min
Ball diameter D_w	15.875 mm
Number of balls z	27
Reference grease quantity G_{ref}	20.4 cm ³
Preload class A G_A	350 N
Static axial stiffness, preload class A	137 N/ μ m
Preload class B G_B	700 N
Static axial stiffness, preload class B	188 N/ μ m
Preload class C G_C	1400 N
Static axial stiffness, preload class C	266 N/ μ m
Preload class D G_D	2800 N
Static axial stiffness, preload class D	391 N/ μ m
Calculation factor f	1.25
Calculation factor f_1	1
Calculation factor f_{2A}	1



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Calculation factor f_{2B}	1.04
Calculation factor f_{2C}	1.09
Calculation factor f_{2D}	1.15
Calculation factor f_{HC}	1
Calculation factor f_0	16.4
Mass bearing	1.55 kg