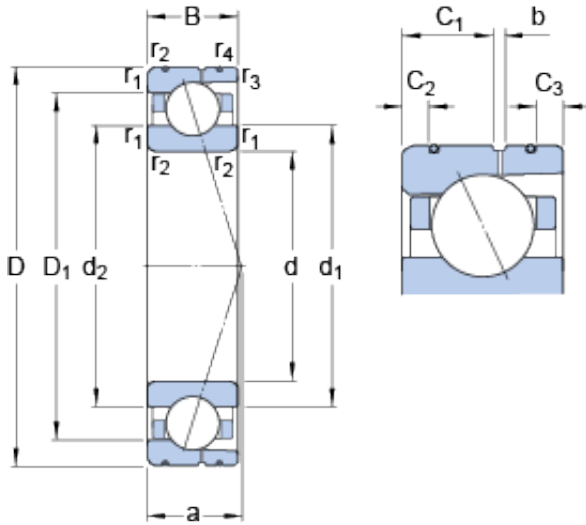




# KFY MANUFACTURING MEXICO LIMITED



130 mm x 200 mm x 33 mm SKF 7026  
CD/P4AL angular contact ball bearings

Bearing No. 7026 CD/P4AL

7026 CD/P4AL 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 <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	38.7 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



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Basic dynamic load rating - C	148 kN
Basic static load rating - C <sub>0</sub>	156 kN
Fatigue load limit - P <sub>u</sub>	5.2 kN
Limiting speed for grease lubrication	7000 r/min
Limiting speed for oil lubrication	10000 mm/min
Ball - D <sub>w</sub>	22.225 mm
Ball - z	21
G <sub>ref</sub>	42 cm <sup>3</sup>
Calculation factor - f <sub>0</sub>	15.6
Preload class A - G <sub>A</sub>	560 N
Preload class B - G <sub>B</sub>	1120 N
Preload class C - G <sub>C</sub>	2240 N
Preload class D - G <sub>D</sub>	4480 N
Calculation factor - f	1.15
Calculation factor - f	1
Calculation factor - f <sub>2A</sub>	1
Calculation factor - f <sub>2B</sub>	1.02
Calculation factor - f <sub>2C</sub>	1.05
Calculation factor - f <sub>2D</sub>	1.09
Calculation factor - f <sub>HC</sub>	1
Preload class A	145 N/micron
Preload class B	198 N/micron
Preload class C	277 N/micron
Preload class D	400 N/micron
d <sub>1</sub>	151.6 mm
d <sub>2</sub>	151.6 mm
D <sub>1</sub>	178.4 mm
C <sub>1</sub>	17.9 mm



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$C_2$	6.6 mm
$C_3$	5.6 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	148 kN
Basic static load rating $C_0$	156 kN
Fatigue load limit $P_u$	5.2 kN
Attainable speed for grease lubrication	7000 r/min
Attainable speed for oil-air lubrication	10000 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 $G_A$	560 N
Static axial stiffness, preload class A	145 N/ $\mu$ m
Preload class B $G_B$	1120 N
Static axial stiffness, preload class B	198 N/ $\mu$ m
Preload class C $G_C$	2240 N
Static axial stiffness, preload class C	277 N/ $\mu$ m
Preload class D $G_D$	4480 N
Static axial stiffness, preload class D	400 N/ $\mu$ m



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Calculation factor $f$	1.15
Calculation factor $f_1$	1
Calculation factor $f_{2A}$	1
Calculation factor $f_{2B}$	1.02
Calculation factor $f_{2C}$	1.05
Calculation factor $f_{2D}$	1.09
Calculation factor $f_{HC}$	1
Calculation factor $f_0$	15.6
Mass bearing	3.23 kg