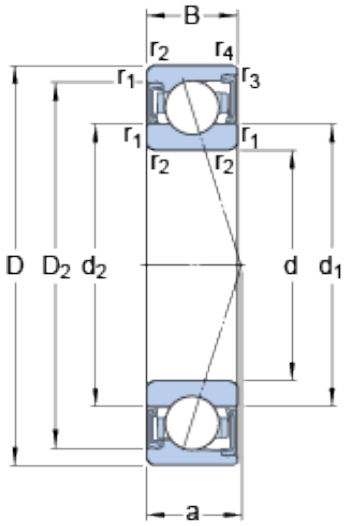

S7206 CD/P4A Bearing 2D drawings and 3D CAD models

30 mm x 62 mm x 16 mm SKF S7206 CD/P4A Angular contact ball bearing

Bearing No. S7206 CD/P4A

Size	62x30x16 mm
Bore Diameter	62 mm
Outer Diameter	30 mm
Width	16 mm
d	30 mm
D	62 mm
B	16 mm
d_1	40.2 mm
d_2	40.2 mm
D_2	54 mm
$r_{1,2}$ - min.	1 mm
$r_{3,4}$ - min.	0.3 mm
a	14.2 mm
d_a - min.	35.6 mm
d_a - max.	39.6 mm
d_b - min.	35.6 mm
d_b - max.	39.6 mm
D_a - max.	56.4 mm
D_b - max.	59.6 mm
r_a - max.	1 mm
r_b - max.	0.3 mm
Basic dynamic load rating - C	24.2 kN
Basic static load rating - C_0	16 kN
Fatigue load limit - P_u	0.67 kN

Limiting speed for grease lubrication	24000 r/min
Ball - D_w	9.525 mm
Ball - z	13
Calculation factor - f_0	14
Preload class A - G_A	90 N
Preload class B - G_B	180 N
Preload class C - G_C	360 N
Preload class D - G_D	720 N
Calculation factor - f	1.05
Calculation factor - f	1
Calculation factor - f_{2A}	1
Calculation factor - f_{2B}	1.01
Calculation factor - f_{2C}	1.03
Calculation factor - f_{2D}	1.05
Calculation factor - f_{HC}	1
Preload class A	43 N/micron
Preload class B	59 N/micron
Preload class C	82 N/micron
Preload class D	118 N/micron
d_1	40.2 mm
d_2	40.2 mm
D_2	54 mm
$r_{1,2}$ min.	1 mm
$r_{3,4}$ min.	0.3 mm
d_a min.	35.6 mm
d_a max.	39.6 mm
d_b min.	35.6 mm
d_b max.	39.6 mm
D_a max.	56.4 mm
D_b max.	59.6 mm

r_a max.	1 mm
r_b max.	0.3 mm
Basic dynamic load rating C	24.2 kN
Basic static load rating C_0	16 kN
Fatigue load limit P_u	0.67 kN
Attainable speed for grease lubrication	24000 r/min
Ball diameter D_w	9.525 mm
Number of balls z	13
Preload class A G_A	90 N
Static axial stiffness, preload class A	43 N/ µ m
Preload class B G_B	180 N
Static axial stiffness, preload class B	59 N/ µ m
Preload class C G_C	360 N
Static axial stiffness, preload class C	82 N/ µ m
Preload class D G_D	720 N
Static axial stiffness, preload class D	118 N/ µ m
Calculation factor f	1.05
Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.01
Calculation factor f_{2C}	1.03
Calculation factor f_{2D}	1.05
Calculation factor f_{HC}	1
Calculation factor f_0	14
Mass bearing	0.2 kg