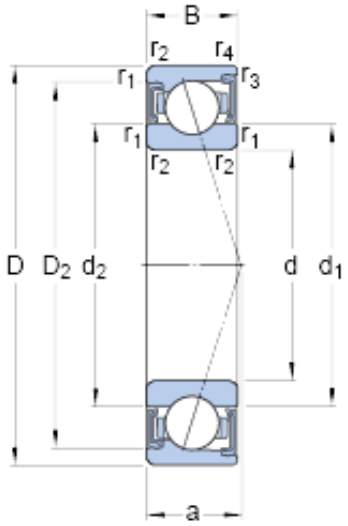

S7017 CD/P4A Bearing 2D drawings and 3D CAD models

85 mm x 130 mm x 22 mm SKF S7017 CD/P4A angular contact ball bearings

Bearing No. S7017 CD/P4A

Size	130x85x22 mm
Bore Diameter	130 mm
Outer Diameter	85 mm
Width	22 mm
d	85 mm
D	130 mm
B	22 mm
d_1	98.9 mm
d_2	98.9 mm
D_2	119.05 mm
$r_{1,2}$ - min.	1.1 mm
$r_{3,4}$ - min.	0.6 mm
a	25.5 mm
d_a - min.	91 mm
d_a - max.	98.3 mm
d_b - min.	91 mm
d_b - max.	98.3 mm
D_a - max.	124 mm
D_b - max.	126 mm
r_a - max.	1 mm
r_b - max.	0.6 mm
Basic dynamic load rating - C	67.6 kN
Basic static load rating - C_0	65.5 kN
Fatigue load limit - P_u	2.6 kN

Limiting speed for grease lubrication	10000 r/min
Ball - D_w	14.288 mm
Ball - z	21
Calculation factor - f_0	15.7
Preload class A - G_A	250 N
Preload class B - G_B	500 N
Preload class C - G_C	1000 N
Preload class D - G_D	2000 N
Calculation factor - f	1.15
Calculation factor - f	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
Preload class A	97 N/micron
Preload class B	132 N/micron
Preload class C	185 N/micron
Preload class D	268 N/micron
d_1	98.9 mm
d_2	98.9 mm
D_2	119.05 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
d_a min.	91 mm
d_a max.	98.3 mm
d_b min.	91 mm
d_b max.	98.3 mm
D_a max.	124 mm
D_b max.	126 mm

r_a max.	1 mm
r_b max.	0.6 mm
Basic dynamic load rating C	67.6 kN
Basic static load rating C_0	65.5 kN
Fatigue load limit P_u	2.65 kN
Attainable speed for grease lubrication	10000 r/min
Ball diameter D_w	14.288 mm
Number of balls z	21
Preload class A G_A	250 N
Static axial stiffness, preload class A	97 N/ µ m
Preload class B G_B	500 N
Static axial stiffness, preload class B	132 N/ µ m
Preload class C G_C	1000 N
Static axial stiffness, preload class C	185 N/ µ m
Preload class D G_D	2000 N
Static axial stiffness, preload class D	268 N/ µ m
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	15.7
Mass bearing	0.91 kg