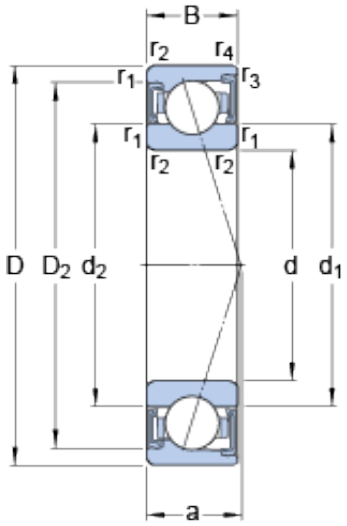

S7213 CD/P4A Bearing 2D drawings and 3D CAD models

65 mm x 120 mm x 23 mm SKF S7213 CD/P4A angular contact ball bearings

Bearing No. S7213 CD/P4A

Size	65x120x23 mm
Bore Diameter	65 mm
Outer Diameter	120 mm
Width	23 mm
d	65 mm
D	120 mm
B	23 mm
d_1	82.9 mm
d_2	82.9 mm
D_2	105.3 mm
$r_{1,2}$ - min.	1.5 mm
$r_{3,4}$ - min.	0.6 mm
a	24 mm
d_a - min.	74 mm
d_a - max.	82.1 mm
d_b - min.	74 mm
d_b - max.	82.1 mm
D_a - max.	111 mm
D_b - max.	115.8 mm
r_a - max.	1.5 mm
r_b - max.	0.6 mm
Basic dynamic load rating - C	66.3 kN
Basic static load rating - C_0	53 kN
Fatigue load limit - P_u	2.3 kN

Limiting speed for grease lubrication	12000 r/min
Ball - D_w	15.875 mm
Ball - z	15
Calculation factor - f_0	14.6
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	1.07
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	78 N/micron
Preload class B	106 N/micron
Preload class C	148 N/micron
Preload class D	212 N/micron
d_1	82.9 mm
d_2	82.9 mm
D_2	105.3 mm
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	0.6 mm
d_a min.	74 mm
d_a max.	82.1 mm
d_b min.	74 mm
d_b max.	82.1 mm
D_a max.	111 mm
D_b max.	115.8 mm

r_a max.	1.5 mm
r_b max.	0.6 mm
Basic dynamic load rating C	66.3 kN
Basic static load rating C_0	53 kN
Fatigue load limit P_u	2.28 kN
Attainable speed for grease lubrication	12000 r/min
Ball diameter D_w	15.875 mm
Number of balls z	15
Preload class A G_A	250 N
Static axial stiffness, preload class A	78 N/ µ m
Preload class B G_B	500 N
Static axial stiffness, preload class B	106 N/ µ m
Preload class C G_C	1000 N
Static axial stiffness, preload class C	148 N/ µ m
Preload class D G_D	2000 N
Static axial stiffness, preload class D	212 N/ µ m
Calculation factor f	1.07
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	14.6
Mass bearing	1.03 kg