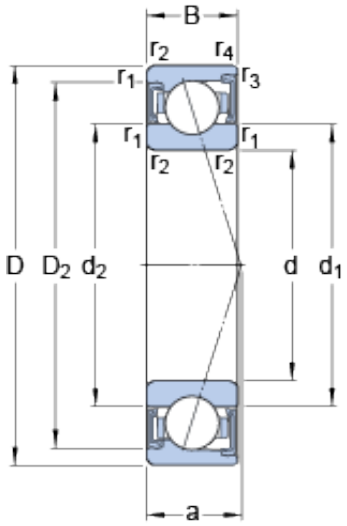
FAG BEARING LIMITED



S71913 CD/P4A Bearing 2D drawings and 3D CAD models

65 mm x 90 mm x 13 mm SKF S71913 CD/P4A angular contact ball bearings

Bearing No. S71913 CD/P4A

Size	90x65x13 mm
Bore Diameter	90 mm
Outer Diameter	65 mm
Width	13 mm
d	65 mm
D	90 mm
B	13 mm
d_1	72.7 mm
d_2	72.7 mm
D_2	84.5 mm
$r_{1,2}$ - min.	1 mm
$r_{3,4}$ - min.	0.3 mm
a	17 mm
d_a - min.	69.6 mm
d_a - max.	72.1 mm
d_b - min.	69.6 mm
d_b - max.	72.1 mm
D_a - max.	85.4 mm
D_b - max.	88 mm
r_a - max.	1 mm
r_b - max.	0.3 mm
Basic dynamic load rating - C	20.8 kN
Basic static load rating - C_0	17 kN
Fatigue load limit - P_u	0.71 kN

Limiting speed for grease lubrication	14000 r/min
Ball - D_w	7.938 mm
Ball - z	26
Calculation factor - f_0	10.7
Preload class A - G_A	80 N
Preload class B - G_B	160 N
Preload class C - G_C	320 N
Preload class D - G_D	640 N
Calculation factor - f	1.2
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	56 N/micron
Preload class B	75 N/micron
Preload class C	104 N/micron
Preload class D	148 N/micron
d_1	72.7 mm
d_2	72.7 mm
D_2	84.5 mm
$r_{1,2}$ min.	1 mm
$r_{3,4}$ min.	0.3 mm
d_a min.	69.6 mm
d_a max.	72.1 mm
d_b min.	69.6 mm
d_b max.	72.1 mm
D_a max.	85.4 mm
D_b max.	88 mm

r_a max.	1 mm
r_b max.	0.3 mm
Basic dynamic load rating C	20.8 kN
Basic static load rating C_0	17 kN
Fatigue load limit P_u	0.71 kN
Attainable speed for grease lubrication	14000 r/min
Ball diameter D_w	7.938 mm
Number of balls z	26
Preload class A G_A	80 N
Static axial stiffness, preload class A	56 N/µm
Preload class B G_B	160 N
Static axial stiffness, preload class B	75 N/µm
Preload class C G_C	320 N
Static axial stiffness, preload class C	104 N/µm
Preload class D G_D	640 N
Static axial stiffness, preload class D	148 N/µm
Calculation factor f	1.2
Calculation factor f_1	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
Calculation factor f_0	10.7
Mass bearing	0.21 kg