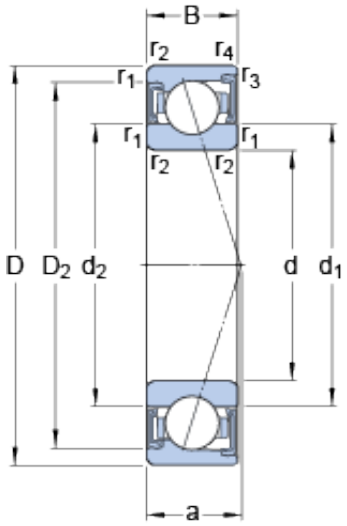
NUP BEARING LTD



150 mm x 210 mm x 28 mm skf S71930 CD/P4A Super-precision Angular contact ball bearings

Bearing No. S71930 CD/P4A

Size	210x150x28 mm
Bore Diameter	210 mm
Outer Diameter	150 mm
Width	28 mm
d	150 mm
D	210 mm
B	28 mm
d_1	168.5 mm
d_2	168.5 mm
D_2	195.15 mm
$r_{1,2}$ - min.	2 mm
$r_{3,4}$ - min.	1 mm
a	38.2 mm
d_a - min.	159 mm
d_a - max.	167.7 mm
d_b - min.	159 mm
d_b - max.	167.7 mm
D_a - max.	201 mm
D_b - max.	205 mm
r_a - max.	2 mm
r_b - max.	1 mm
Basic dynamic load rating - C	125 kN
Basic static load rating - C_0	146 kN
Fatigue load limit - P_u	4.8 kN

S71930 CD/P4A Bearing 2D drawings and 3D CAD models

Limiting speed for grease lubrication	6300 r/min
Ball - D_w	19.05 mm
Ball - z	26
Calculation factor - f_0	16.2
Preload class A - G_A	470 N
Preload class B - G_B	940 N
Preload class C - G_C	1880 N
Preload class D - G_D	3760 N
Calculation factor - f	1.24
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	154 N/micron
Preload class B	211 N/micron
Preload class C	297 N/micron
Preload class D	435 N/micron
d_1	168.5 mm
d_2	168.5 mm
D_2	195.15 mm
$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	1 mm
d_a min.	159 mm
d_a max.	167.7 mm
d_b min.	159 mm
d_b max.	167.7 mm
D_a max.	201 mm
D_b max.	205 mm

r_a max.	2 mm
r_b max.	1 mm
Basic dynamic load rating C	114 kN
Basic static load rating C_0	132 kN
Fatigue load limit P_u	4.15 kN
Attainable speed for grease lubrication	6300 r/min
Ball diameter D_w	19.05 mm
Number of balls z	23
Preload class A G_A	470 N
Static axial stiffness, preload class A	142 N/ µ m
Preload class B G_B	940 N
Static axial stiffness, preload class B	195 N/ µ m
Preload class C G_C	1880 N
Static axial stiffness, preload class C	276 N/ µ m
Preload class D G_D	3760 N
Static axial stiffness, preload class D	405 N/ µ m
Calculation factor f	1.24
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	16.2
Mass bearing	2.5 kg