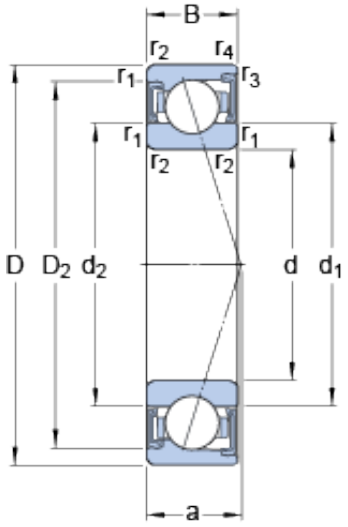
Loyal | S7028 CD/P4A



Bearing No. S7028 CD/P4A

D	210 mm
d	140 mm
B	33 mm
a	40.1 mm
Ball - z	22
Size (mm)	210x140x33
Width (mm)	33
Mass bearing	3.44 kg
D_2	193.1 mm
d_2	161.6 mm
d_1	161.6 mm
d_2	161.6 mm
D_2	193.1 mm
d_1	161.6 mm
Bearing number	S7028 CD/P4A
Preload class A	151 N/micron
Preload class B	206 N/micron
Preload class D	418 N/micron
Preload class C	289 N/micron
Number of balls z	22
r_b max.	1 mm
r_a max.	2 mm
D_b max.	205 mm
D_a max.	201 mm
d_b max.	161 mm
d_a max.	161 mm
d_a min.	149 mm
Bore Diameter (mm)	210
d_b min.	149 mm
Outer Diameter (mm)	140

$r_{3,4}$ min.	1 mm
d_b - min.	149 mm
Calculation factor f	1.16
d_a - max.	161 mm
$r_{1,2}$ min.	2 mm
d_a - min.	149 mm
d_b - max.	161 mm
D_a - max.	201 mm
D_b - max.	205 mm
r_a - max.	2 mm
r_b - max.	1 mm
Ball - D_w	22.225 mm
$r_{3,4}$ - min.	1 mm
Calculation factor - f	1.16
$r_{1,2}$ - min.	2 mm
Ball diameter D_w	22.225 mm
Basic dynamic load rating C	153 kN
Preload class A G_A	570 N
Basic dynamic load rating - C	153 kN
Preload class C G_C	2280 N
Preload class D G_D	4560 N
Preload class B G_B	1140 N
Preload class C - G_C	2280 N
Preload class D - G_D	4560 N
Preload class B - G_B	1140 N
Preload class A - G_A	570 N
Calculation factor f_1	1
Fatigue load limit P_u	5.3 kN
Calculation factor f_0	15.8
Calculation factor f_{2D}	1.09

Calculation factor f_{HC}	1
Calculation factor f_{2C}	1.05
Calculation factor f_{2B}	1.02
Calculation factor f_{2A}	1
Calculation factor - f	1
Calculation factor - f_0	15.8
Fatigue load limit - P_u	5.3 kN
Calculation factor - f_{2C}	1.05
Calculation factor - f_{2D}	1.09
Calculation factor - f_{2B}	1.02
Calculation factor - f_{2A}	1
Calculation factor - f_{HC}	1
Limiting speed for grease lubrication	6700 r/min
Basic static load rating C_0	166 kN
Static axial stiffness, preload class A	151 N/µm
Static axial stiffness, preload class B	206 N/µm
Static axial stiffness, preload class C	289 N/µm
Static axial stiffness, preload class D	418 N/µm
Attainable speed for grease lubrication	6700 r/min
Basic static load rating - C_0	166 kN