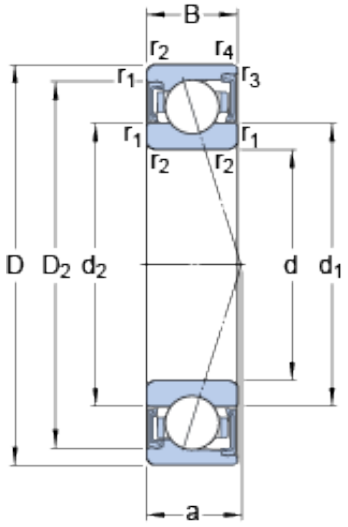
Loyal | S7000 CD/P4A



Bearing No. S7000 CD/P4A

D	26 mm
d	10 mm
B	8 mm
a	6.5 mm
Ball - z	9
Size (mm)	26x10x8
Width (mm)	8
Mass bearing	0.019 kg
D_2	23.5 mm
d_2	15.1 mm
d_1	15.1 mm
d_2	15.1 mm
D_2	23.5 mm
d_1	15.1 mm
Bearing number	S7000 CD/P4A
Preload class A	13 N/micron
Preload class B	17 N/micron
Preload class D	33 N/micron
Preload class C	23 N/micron
Number of balls z	9
r_b max.	0.2 mm
r_a max.	0.3 mm
D_b max.	24.6 mm
D_a max.	24 mm
d_b max.	14.7 mm
d_a max.	14.7 mm
d_a min.	12 mm
Bore Diameter (mm)	26
d_b min.	12 mm
Outer Diameter (mm)	10

$r_{3,4}$ min.	0.2 mm
d_b - min.	12 mm
Calculation factor f	1.03
d_a - max.	14.7 mm
$r_{1,2}$ min.	0.3 mm
d_a - min.	12 mm
d_b - max.	14.7 mm
D_a - max.	24 mm
D_b - max.	24.6 mm
r_a - max.	0.3 mm
r_b - max.	0.2 mm
Ball - D_w	4.762 mm
$r_{3,4}$ - min.	0.2 mm
Calculation factor - f	1.03
$r_{1,2}$ - min.	0.3 mm
Ball diameter D_w	4.762 mm
Basic dynamic load rating C	4.1 kN
Preload class A G_A	15 N
Basic dynamic load rating - C	4.1 kN
Preload class C G_C	60 N
Preload class D G_D	120 N
Preload class B G_B	30 N
Preload class C - G_C	60 N
Preload class D - G_D	120 N
Preload class B - G_B	30 N
Preload class A - G_A	15 N
Calculation factor f_1	1
Fatigue load limit P_u	0.071 kN
Calculation factor f_0	8.3
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	8.3
Fatigue load limit - P_u	0.071 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	75000 r/min
Basic static load rating C_0	1.66 kN
Static axial stiffness, preload class A	13 N/µm
Static axial stiffness, preload class B	17 N/µm
Static axial stiffness, preload class C	23 N/µm
Static axial stiffness, preload class D	33 N/µm
Attainable speed for grease lubrication	75000 r/min
Basic static load rating - C_0	1.7 kN