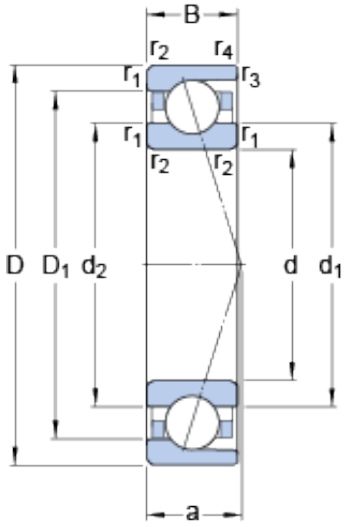
Loyal | 7000 ACD/P4A



Bearing No. 7000 ACD/P4A

a	8.3 mm
d	10 mm
D	26 mm
B	8 mm
Category	Bearings
Ball - z	9
Inventory	0.0
Size (mm)	26x10x8
Width (mm)	8
Mass bearing	0.019 kg
D_1	20.9 mm
d_n	16 mm
d_n	16 mm
D_1	20.9 mm
d_2	15.1 mm
d_1	15.1 mm
d_1	15.1 mm
Product Group	B00308
d_2	15.1 mm
Bearing number	7000 ACD/P4A
G_{ref}	0.24 cm3
Preload class C	54 N/micron
Preload class D	71 N/micron
Preload class A	32 N/micron
Preload class B	41 N/micron
Weight / Kilogram	0.019
Number of balls z	9
Manufacturer Name	SKF
D_b max.	24.6 mm

Bore Diameter (mm)	26
d_b min.	12 mm
r_a max.	0.3 mm
d_a min.	12 mm
r_b max.	0.2 mm
D_a max.	24 mm
Outer Diameter (mm)	10
Calculation factor e	0.68
Calculation factor f	1.03
d_b - min.	12 mm
Minimum Buy Quantity	N/A
d_a - min.	12 mm
r_b - max.	0.2 mm
$r_{3,4}$ min.	0.2 mm
r_a - max.	0.3 mm
$r_{1,2}$ min.	0.3 mm
D_b - max.	24.6 mm
Ball - D_w	4.762 mm
D_a - max.	24 mm
$r_{1,2}$ - min.	0.3 mm
$r_{3,4}$ - min.	0.2 mm
Calculation factor - e	0.68
Calculation factor - f	1.03
Ball diameter D_w	4.762 mm
Basic dynamic load rating C	3.97 kN
Preload class C G_C	100 N
Preload class B G_B	50 N
Preload class A G_A	25 N
Preload class D G_D	200 N
Basic dynamic load rating - C	4 kN
Preload class C - G_C	100 N

Preload class D - G_D	200 N
Preload class B - G_B	50 N
Preload class A - G_A	25 N
Calculation factor f_1	0.99
Fatigue load limit P_u	0.067 kN
Calculation factor f_{2D}	1.08
Calculation factor f_{HC}	1
Calculation factor f_{2B}	1.02
Calculation factor f_{2A}	1
Calculation factor f_{2C}	1.05
Calculation factor - f_1	0.99
Limiting speed for oil lubrication	100000 mm/min
Calculation factor - Y_2	1.41
Fatigue load limit - P_u	0.067 kN
Calculation factor - Y_0	0.76
Calculation factor - X_2	0.67
Calculation factor - Y_1	0.92
Calculation factor - f_{HC}	1
Calculation factor - f_{2A}	1
Calculation factor - f_{2C}	1.05
Calculation factor - f_{2B}	1.02
Calculation factor - f_{2D}	1.08
Limiting speed for grease lubrication	67000 r/min
Basic static load rating C_0	1.6 kN
Static axial stiffness, preload class A	32 N/µm
Static axial stiffness, preload class B	41 N/µm

Attainable speed for grease lubrication	67000 r/min
Static axial stiffness, preload class D	71 N/µm
Static axial stiffness, preload class C	54 N/µm
Basic static load rating - C_0	1.6 kN
Attainable speed for oil-air lubrication	100000 r/min
Reference grease quantity G_{ref}	0.24 cm³
Calculation factor (single, tandem) Y_2	0.87
Calculation factor (single, tandem) Y_0	0.38
Calculation factor (single, tandem) X_2	0.41
Calculation factor (back-to-back, face-to-face) Y_1	0.92
Calculation factor (back-to-back, face-to-face) Y_2	1.41
Calculation factor (back-to-back, face-to-face) Y_0	0.76
Calculation factor (back-to-back, face-to-face) X_2	0.67