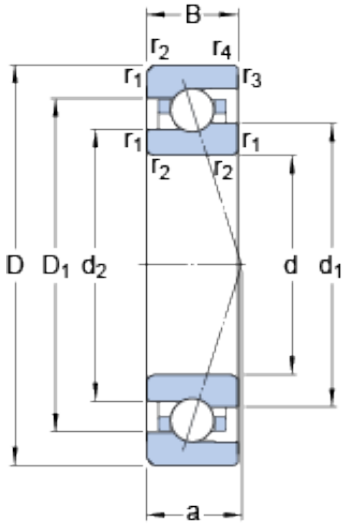
Loyal | 7000 CE/P4A



Bearing No. 7000 CE/P4A

D	26 mm
d	10 mm
B	8 mm
a	6.5 mm
Ball - z	11
Size (mm)	26x10x8
Width (mm)	8
Mass bearing	0.019 kg
d_n	16.5 mm
d_n	16.5 mm
D_1	20.45 mm
d_1	15.6 mm
d_2	14.5 mm
D_1	20.45 mm
d_2	14.5 mm
d_1	15.6 mm
Bearing number	7000 CE/P4A
Preload class A	12 N/micron
Preload class B	19 N/micron
Preload class C	26 N/micron
G_{ref}	0.28 cm3
Number of balls z	11
D_a max.	24 mm
d_a min.	12 mm
d_b min.	12 mm
D_b max.	23.6 mm
r_a max.	0.3 mm
r_b max.	0.3 mm
Bore Diameter (mm)	26

Outer Diameter (mm)	10
d_a - min.	12 mm
r_a - max.	0.3 mm
$r_{1,2}$ min.	0.3 mm
Calculation factor f	1.03
D_b - max.	23.6 mm
$r_{3,4}$ min.	0.3 mm
r_b - max.	0.3 mm
D_a - max.	24 mm
Ball - D_w	3.969 mm
d_b - min.	12 mm
Calculation factor - f	1.03
$r_{3,4}$ - min.	0.3 mm
$r_{1,2}$ - min.	0.3 mm
Basic dynamic load rating C	3.02 kN
Ball diameter D_w	3.969 mm
Preload class B G_B	48 N
Preload class A G_A	15 N
Basic dynamic load rating - C	3 kN
Preload class C G_C	95 N
Preload class A - G_A	15 N
Preload class C - G_C	95 N
Preload class B - G_B	48 N
Calculation factor f_1	1
Fatigue load limit P_u	0.05 kN
Calculation factor f_0	7.1
Calculation factor f_{2C}	1.05
Calculation factor f_{2B}	1.03
Calculation factor f_{2A}	1
Calculation factor f_{HC}	1

Calculation factor - f	1
Fatigue load limit - P_u	0.05 kN
Calculation factor - f_0	7.1
Limiting speed for oil lubrication	140000 mm/min
Calculation factor - f_{2B}	1.03
Calculation factor - f_{2A}	1
Calculation factor - f_{2C}	1.05
Calculation factor - f_{HC}	1
Limiting speed for grease lubrication	90000 r/min
Basic static load rating C_0	1.18 kN
Static axial stiffness, preload class A	12 N/µm
Static axial stiffness, preload class B	19 N/µm
Static axial stiffness, preload class C	26 N/µm
Attainable speed for grease lubrication	90000 r/min
Attainable speed for oil-air lubrication	140000 r/min
Basic static load rating - C_0	1.2 kN
Reference grease quantity G_{ref}	0.28 cm³