



Bearing No. 7000 CD/HCP4A

C	8 mm
a	6.5 mm
d	10 mm
D	26 mm
B	8 mm
D1	20,9 mm
D2	23,5 mm
d2	15,1 mm
dh	16 mm
d1	15,1 mm
Weight	0,017 Kg
Db max	24,6 mm
db min	12 mm
r2 min.	0,3 mm
r3 min.	0,2 mm
r4 min.	0,2 mm
da min.	12 mm
Da max.	24 mm
ra max.	0,3 mm
rb max.	0,2 mm
r1 min.	0,3 mm
Category	Bearings
Size (mm)	10x26x8
Inventory	0.0
Width (mm)	8
Mass bearing	0.017 kg
D ₁	20.9 mm
d _n	16 mm
d ₁	15.1 mm
Product Group	B04270

d_2	15.1 mm
Bearing number	7000 CD/HCP4A
Weight / Kilogram	0
Number of balls z	9
Manufacturer Name	SKF
r_b max.	0.2 mm
Bore Diameter (mm)	10
d_a min.	12 mm
d_b min.	12 mm
D_a max.	24 mm
D_b max.	24.6 mm
r_a max.	0.3 mm
Outer Diameter (mm)	26
Minimum Buy Quantity	N/A
Calculation factor f	1.03
$r_{1,2}$ min.	0.3 mm
$r_{3,4}$ min.	0.2 mm
Fatigue load limit (Pu)	0,071
(Oil) Lubrication Speed	140 000 r/min
(Grease) Lubrication Speed	90 000 r/min
Basic dynamic load rating C	4.1 kN
Ball diameter D_w	4.762 mm
Basic dynamic load rating (C)	4,1 kN
Preload class A G_A	15 N
Preload class D G_D	120 N
Preload class B G_B	30 N
Preload class C G_C	60 N
Basic static load rating (C0)	1,66 kN
Calculation factor f_0	8.3

Fatigue load limit P_u	0.071 kN
Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{HC}	1.02
Calculation factor f_{2D}	1.09
Calculation factor f_{2C}	1.05
Calculation factor f_{2B}	1.02
Basic static load rating C_0	1.66 kN
Attainable speed for grease lubrication	90000 r/min
Static axial stiffness, preload class A	14 N/ μ m
Static axial stiffness, preload class D	36 N/ μ m
Static axial stiffness, preload class C	26 N/ μ m
Static axial stiffness, preload class B	19 N/ μ m
Attainable speed for oil-air lubrication	140000 r/min
Reference grease quantity G_{ref}	0.24 cm ³