



Bearing No. 7202 CD/P4A

a	9 mm
d	15 mm
D	35 mm
B	11 mm
Ball - z	10
Category	Bearings
Size (mm)	35x15x11
Inventory	0.0
Width (mm)	11
Mass bearing	0.043 kg
D ₁	29.1 mm
d ₂	21.4 mm
d ₁	21.4 mm
d _n	23 mm
Product Group	B00308
d ₁	21.4 mm
D ₁	29.1 mm
d _n	23 mm
d ₂	21.4 mm
Bearing number	7202 CD/P4A
Preload class D	49 N/micron
G _{ref}	0.729 cm ³
Preload class A	19 N/micron
Preload class C	35 N/micron
Preload class B	26 N/micron
Manufacturer Name	SKF
Number of balls z	10
Weight / Kilogram	0.043
r _b max.	0.3 mm

r_a max.	0.6 mm
d_a min.	19.2 mm
d_b min.	19.2 mm
D_a max.	30.8 mm
Bore Diameter (mm)	35
D_b max.	32.6 mm
Outer Diameter (mm)	15
$r_{3,4}$ min.	0.3 mm
Minimum Buy Quantity	N/A
d_b - min.	19.2 mm
D_a - max.	30.8 mm
D_b - max.	32.6 mm
Calculation factor f	1.03
d_a - min.	19.2 mm
r_b - max.	0.3 mm
$r_{1,2}$ min.	0.6 mm
Ball - D_w	6.35 mm
r_a - max.	0.6 mm
Calculation factor - f	1.03
$r_{3,4}$ - min.	0.3 mm
$r_{1,2}$ - min.	0.6 mm
Ball diameter D_w	6.35 mm
Basic dynamic load rating C	7.41 kN
Preload class B G_B	60 N
Preload class A G_A	30 N
Preload class D G_D	240 N
Preload class C G_C	120 N
Basic dynamic load rating - C	7.4 kN
Preload class B - G_B	60 N
Preload class C - G_C	120 N

Preload class D - G_D	240 N
Preload class A - G_A	30 N
Calculation factor f_1	1
Calculation factor f_0	8.5
Fatigue load limit P_u	0.14 kN
Calculation factor f_{HC}	1
Calculation factor f_{2D}	1.05
Calculation factor f_{2B}	1.01
Calculation factor f_{2A}	1
Calculation factor - f	1
Calculation factor f_{2C}	1.03
Fatigue load limit - P_u	0.14 kN
Limiting speed for oil lubrication	70000 mm/min
Calculation factor - f_0	8.5
Calculation factor - f_{HC}	1
Calculation factor - f_{2A}	1
Calculation factor - f_{2D}	1.05
Calculation factor - f_{2B}	1.01
Calculation factor - f_{2C}	1.03
Limiting speed for grease lubrication	48000 r/min
Basic static load rating C_0	3.35 kN
Static axial stiffness, preload class B	26 N/ μ m
Static axial stiffness, preload class A	19 N/ μ m
Static axial stiffness, preload class C	35 N/ μ m
Static axial stiffness, preload class D	49 N/ μ m
Attainable speed for	48000 r/min

grease lubrication	
Basic static load rating - C_0	3.4 kN
Attainable speed for oil-air lubrication	70000 r/min
Reference grease quantity G_{ref}	0.729 cm ³