



Bearing No. 7026 CD/P4AH1

K	0.5 mm
a	38.7 mm
d	130 mm
D	200 mm
B	33 mm
Ball - z	21
Size (mm)	200x130x33
Width (mm)	33
Mass bearing	3.23 kg
d_n	156.4 mm
D_1	178.4 mm
d_1	151.6 mm
C_1	8.9 mm
D_1	178.4 mm
d_2	151.6 mm
C_1	8.9 mm
d_1	151.6 mm
d_n	156.4 mm
d_2	151.6 mm
Bearing number	7026 CD/P4AH1
Preload class A	145 N/micron
Preload class D	400 N/micron
Preload class B	198 N/micron
Preload class C	277 N/micron
G_{ref}	42 cm ³
Number of balls z	21
r_b max.	1 mm
r_a max.	2 mm
D_b max.	195 mm

D_a max.	191 mm
d_b min.	139 mm
d_a min.	139 mm
Bore Diameter (mm)	200
Outer Diameter (mm)	130
d_b - min.	139 mm
r_b - max.	1 mm
$r_{1,2}$ min.	2 mm
d_a - min.	139 mm
Calculation factor f	1.15
r_a - max.	2 mm
$r_{3,4}$ min.	1 mm
D_a - max.	191 mm
Ball - D_w	22.225 mm
D_b - max.	195 mm
Calculation factor - f	1.15
$r_{3,4}$ - min.	1 mm
$r_{1,2}$ - min.	2 mm
Ball diameter D_w	22.225 mm
Basic dynamic load rating C	148 kN
Preload class D G_D	4480 N
Preload class A G_A	560 N
Preload class C G_C	2240 N
Preload class B G_B	1120 N
Basic dynamic load rating - C	148 kN
Preload class A - G_A	560 N
Preload class B - G_B	1120 N
Preload class C - G_C	2240 N
Preload class D - G_D	4480 N
Fatigue load limit P_u	5.2 kN

Calculation factor f_1	1
Calculation factor f_0	15.6
Calculation factor f_{2D}	1.09
Calculation factor - f	1
Calculation factor f_{2C}	1.05
Calculation factor f_{HC}	1
Calculation factor f_{2B}	1.02
Calculation factor f_{2A}	1
Limiting speed for oil lubrication	10000 mm/min
Fatigue load limit - P_u	5.2 kN
Calculation factor - f_0	15.6
Calculation factor - f_{2D}	1.09
Calculation factor - f_{HC}	1
Calculation factor - f_{2A}	1
Calculation factor - f_{2C}	1.05
Calculation factor - f_{2B}	1.02
Limiting speed for grease lubrication	7000 r/min
Basic static load rating C_0	156 kN
Static axial stiffness, preload class B	198 N/ μ m
Static axial stiffness, preload class C	277 N/ μ m
Static axial stiffness, preload class A	145 N/ μ m
Static axial stiffness, preload class D	400 N/ μ m
Attainable speed for grease lubrication	7000 r/min
Attainable speed for oil-air lubrication	10000 r/min

Basic static load rating - C_0	156 kN
Reference grease quantity G_{ref}	42 cm ³