



Bearing No. S7026 CD/HCP4A

D	200 mm
d	130 mm
B	33 mm
a	38.7 mm
Ball - z	21
Size (mm)	200x130x33
Width (mm)	33
Mass bearing	2.69 kg
D_2	183.1 mm
d_2	151.6 mm
d_1	151.6 mm
d_2	151.6 mm
D_2	183.1 mm
d_1	151.6 mm
Bearing number	S7026 CD/HCP4A
Preload class A	161 N/micron
Preload class B	219 N/micron
Preload class D	444 N/micron
Preload class C	307 N/micron
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 max.	151 mm
d_a max.	151 mm
d_a min.	139 mm
Bore Diameter (mm)	200
d_b min.	139 mm
Outer Diameter (mm)	130

$r_{3,4}$ min.	1 mm
d_b - min.	139 mm
Calculation factor f	1.15
d_a - max.	151 mm
$r_{1,2}$ min.	2 mm
d_a - min.	139 mm
d_b - max.	151 mm
D_a - max.	191 mm
D_b - max.	195 mm
r_a - max.	2 mm
r_b - max.	1 mm
Ball - D_w	22.225 mm
$r_{3,4}$ - min.	1 mm
Calculation factor - f	1.15
$r_{1,2}$ - min.	2 mm
Ball diameter D_w	22.225 mm
Basic dynamic load rating C	148 kN
Preload class A G_A	560 N
Basic dynamic load rating - C	148 kN
Preload class C G_C	2240 N
Preload class D G_D	4480 N
Preload class B G_B	1120 N
Preload class C - G_C	2240 N
Preload class D - G_D	4480 N
Preload class B - G_B	1120 N
Preload class A - G_A	560 N
Calculation factor f_1	1
Fatigue load limit P_u	5.2 kN
Calculation factor f_0	15.6
Calculation factor f_{2D}	1.09

Calculation factor f_{HC}	1.02
Calculation factor f_{2C}	1.05
Calculation factor f_{2B}	1.02
Calculation factor f_{2A}	1
Calculation factor - f	1
Calculation factor - f_0	15.6
Fatigue load limit - P_u	5.2 kN
Calculation factor - f_{2C}	1.05
Calculation factor - f_{2D}	1.09
Calculation factor - f_{2B}	1.02
Calculation factor - f_{2A}	1
Calculation factor - f_{HC}	1.02
Limiting speed for grease lubrication	8000 r/min
Basic static load rating C_0	156 kN
Static axial stiffness, preload class A	161 N/ μ m
Static axial stiffness, preload class B	219 N/ μ m
Static axial stiffness, preload class C	307 N/ μ m
Static axial stiffness, preload class D	444 N/ μ m
Attainable speed for grease lubrication	8000 r/min
Basic static load rating - C_0	156 kN