

d_a max.	33.5 mm
r_b max.	0.3 mm
r_a max.	1 mm
D_b max.	49.6 mm
D_a max.	46.4 mm
d_b max.	33.5 mm
d_a min.	30.6 mm
Bore Diameter (mm)	25
Outer Diameter (mm)	52
$r_{3,4}$ min.	0.3 mm
$r_{1,2}$ min.	1 mm
Calculation factor f	1.03
Fatigue load limit (Pu)	0,305
(Oil) Lubrication Speed	45 000 r/min
(Grease) Lubrication Speed	30 000 r/min
Basic dynamic load rating C	13.5 kN
Ball diameter D_w	7.938 mm
Preload class B G_B	100 N
Preload class D G_D	400 N
Preload class C G_C	200 N
Basic static load rating (C0)	7,2 kN
Preload class A G_A	50 N
Basic dynamic load rating (C)	13,5 kN
Fatigue load limit P_u	0.305 kN
Calculation factor f_1	1
Calculation factor f_0	9.1
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.01
Calculation factor f_{2C}	1.03

Calculation factor f_{2D}	1.05
Calculation factor f_{HC}	1
Basic static load rating C_0	7.2 kN
Static axial stiffness, preload class A	29 N/ μm
Static axial stiffness, preload class B	38 N/ μm
Static axial stiffness, preload class C	52 N/ μm
Static axial stiffness, preload class D	72 N/ μm
Attainable speed for grease lubrication	30000 r/min