

ISO NH309 cylindrical roller bearings

Welcome 50 mm d to the ISO NH309 cylindrical roller bearings online seller.

d	50 mm
D	72 mm
B	12 mm
d1	57.1 mm
d2	57.1 mm
D1	64.9 mm
r1,2 min.	0.6 mm
r3,4 min.	0.3 mm
a	20.3 mm
da min.	53.2 mm
db min.	53.2 mm
Da max.	68.8 mm
Db max.	70.6 mm
ra max.	0.6 mm
rb max.	0.3 mm
Basic dynamic load rating C	12.7 kN
Basic static load rating C0	9.8 kN
Fatigue load limit Pu	0.415 kN
Attainable speed for grease lubrication	16000 r/min
Ball diameter Dw	6.35 mm
Number of balls z	25
Reference grease quantity Gref	1.74 cm ³
Preload class A GA	80 N

Static axial stiffness, preload class A	105 N/ μm
Preload class B GB	160 N
Static axial stiffness, preload class B	137 N/ μm
Preload class C GC	320 N
Static axial stiffness, preload class C	180 N/ μm
Preload class D GD	640 N
Static axial stiffness, preload class D	240 N/ μm
Calculation factor f	1.13
Calculation factor f1	0.98
Calculation factor f2A	1
Calculation factor f2B	1.04
Calculation factor f2C	1.08
Calculation factor f2D	1.14
Calculation factor fHC	1
Calculation factor e	0.68
Calculation factor (single, tandem) Y2	0.87
Calculation factor (back-to-back, face-to-face) Y1	0.92
Calculation factor (back-to-back, face-to-face) Y2	1.41
Mass bearing	0.13 kg