NTN 7202CGD2/GLP4 angular contact ball bearings

NTN 7202CGD2/GLP4 angular contact ball bearings Needs Analysis , Manufacturing Service . Get Your 100x65x18 Size (mm) Free.

Size (mm)	100x65x18
Bore Diameter (mm)	100
Outer Diameter (mm)	65
Width (mm)	18
d	65 mm
D	100 mm
B	18 mm
d1	75.8 mm
d2	75.8 mm
D1	89.2 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	20.1 mm
da – min.	71 mm
db – min.	71 mm
Da – max.	94 mm
Db – max.	96.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
dn	78.1 mm
Basic dynamic load rating – C	41.6 kN
Basic static load rating – C0	37.5 kN
Fatigue load limit – Pu	1.6 kN

Limiting speed for grease lubrication	16000 r/min
Limiting speed for oil lubrication	24000 mm/min
Ball – Dw	11.112 mm
Ball – z	20
Gref	5.7 cm3
Calculation factor – f0	15.6
Preload class A – GA	160 N
Preload class B – GB	320 N
Preload class C – GC	640 N
Preload class D – GD	1280 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.05
Calculation factor – f2D	1.09
Calculation factor – fHC	1.02
Preload class A	82 N/micron
Preload class B	112 N/micron
Preload class C	158 N/micron
Preload class D	230 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
da min.	71 mm
db min.	71 mm
Da max.	94 mm
Db max.	96.8 mm
ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	41.6 kN

Basic static load rating C0	37.5 kN
Fatigue load limit Pu	1.6 kN
Attainable speed for grease lubrication	16000 r/min
Attainable speed for oil-air lubrication	24000 r/min
Ball diameter Dw	11.112 mm
Number of balls z	20
Reference grease quantity Gref	5.7 cm^3
Preload class A GA	160 N
Static axial stiffness, preload class A	82 N/µm
Preload class B GB	320 N
Static axial stiffness, preload class B	112 N/µm
Preload class C GC	640 N
Static axial stiffness, preload class C	158 N/µm
Preload class D GD	1280 N
Static axial stiffness, preload class D	230 N/µm
Calculation factor f	1.13
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.02
Calculation factor f2C	1.05
Calculation factor f2D	1.09
Calculation factor fHC	1.02
Calculation factor f0	15.6
Mass bearing	0.36 kg