

# KOYO NUP307R cylindrical roller bearings

are a few brands 22x8x7 Size (mm) you will find in our inventory. Find KOYO NUP307R cylindrical roller bearings to see what's in stock!

Size (mm)	22x8x7
Bore Diameter (mm)	22
Outer Diameter (mm)	8
Width (mm)	7
d	8 mm
D	22 mm
B	7 mm
d1	12.6 mm
d2	12.6 mm
D1	17.4 mm
K	0.5 mm
C1	4.25 mm
r1,2 – min.	0.3 mm
r3,4 – min.	0.2 mm
a	5.5 mm
da – min.	10 mm
db – min.	10 mm
Da – max.	20 mm
Db – max.	20.6 mm
ra – max.	0.3 mm
rb – max.	0.2 mm
dn	13.6 mm

Basic dynamic load rating – C	3.2 kN
Basic static load rating – C0	1.4 kN
Fatigue load limit – Pu	0.057 kN
Limiting speed for grease lubrication	90000 r/min
Limiting speed for oil lubrication	130000 mm/min
Ball – Dw	3.969 mm
Ball – z	9
Gref	0.15 cm <sup>3</sup>
Calculation factor – f0	8.4
Preload class A – GA	10 N
Preload class B – GB	20 N
Preload class C – GC	40 N
Preload class D – GD	80 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
Preload class A	11 N/micron
Preload class B	14 N/micron
Preload class C	19 N/micron
Preload class D	27 N/micron
r1,2 min.	0.3 mm
r3,4 min.	0.2 mm
da min.	10 mm
db min.	10 mm
Da max.	20 mm
Db max.	20.6 mm

ra max.	0.3 mm
rb max.	0.2 mm
Basic dynamic load rating C	3.25 kN
Basic static load rating C0	1.37 kN
Fatigue load limit Pu	0.057 kN
Attainable speed for grease lubrication	90000 r/min
Attainable speed for oil-air lubrication	130000 r/min
Ball diameter Dw	3.969 mm
Number of balls z	9
Reference grease quantity Gref	0.15 cm <sup>3</sup>
Preload class A GA	10 N
Static axial stiffness, preload class A	11 N/μm
Preload class B GB	20 N
Static axial stiffness, preload class B	14 N/μm
Preload class C GC	40 N
Static axial stiffness, preload class C	19 N/μm
Preload class D GD	80 N
Static axial stiffness, preload class D	27 N/μm
Calculation factor f	1.02
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
Calculation factor f0	8.4
Mass bearing	0.012 kg