

Timken NA2150 needle roller bearings

Can't find what you're looking for Timken NA2150 needle roller bearings ? Our 80 Outer Diameter (mm) expert 110x80x16 Size (mm) Representatives be in contact with you shortly!

Size (mm)	110x80x16
Bore Diameter (mm)	110
Outer Diameter (mm)	80
Width (mm)	16
d	80 mm
D	110 mm
B	16 mm
d1	89.3 mm
d2	86.8 mm
D1	100.52 mm
b	2 mm
C1	8.6 mm
C2	2.8 mm
C3	2.8 mm
r1,2 – min.	1 mm
r3,4 – min.	0.3 mm
a	21.7 mm
da – min.	84.6 mm
db – min.	82 mm
Da – max.	105.4 mm
Db – max.	108 mm
ra – max.	1 mm

rb – max.	0.3 mm
dn	91.5 mm
Basic dynamic load rating – C	22.5 kN
Basic static load rating – C0	18 kN
Fatigue load limit – Pu	0.75 kN
Limiting speed for grease lubrication	19000 r/min
Limiting speed for oil lubrication	30000 mm/min
Ball – Dw	9.525 mm
Ball – z	24
Gref	4.8 cm ³
Calculation factor – f0	8.6
Preload class A – GA	123 N
Preload class B – GB	370 N
Preload class C – GC	740 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.05
Calculation factor – f2C	1.09
Calculation factor – fHC	1.01
Preload class A	62 N/micron
Preload class B	99 N/micron
Preload class C	136 N/micron
r1,2 min.	1 mm
r3,4 min.	0.3 mm
da min.	84.6 mm
db min.	82 mm
Da max.	105.4 mm
Db max.	108 mm
ra max.	1 mm

rb max.	0.3 mm
Basic dynamic load rating C	22.5 kN
Basic static load rating C0	18 kN
Fatigue load limit Pu	0.75 kN
Attainable speed for grease lubrication	19000 r/min
Attainable speed for oil-air lubrication	30000 r/min
Ball diameter Dw	9.525 mm
Number of balls z	24
Reference grease quantity Gref	4.8 cm ³
Preload class A GA	123 N
Static axial stiffness, preload class A	62 N/μm
Preload class B GB	370 N
Static axial stiffness, preload class B	99 N/μm
Preload class C GC	740 N
Static axial stiffness, preload class C	136 N/μm
Calculation factor f	1.19
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.05
Calculation factor f2C	1.09
Calculation factor fHC	1.01
Calculation factor fθ	8.6
Mass bearing	0.31 kg