NKE 32011-X tapered roller bearings

High 165x120x22 Size (mm) Quality NKE 32011-X tapered roller bearings. Competitive Pricing. Accept 120 Outer Diameter (mm) Small Order. Easy and Fast Shipping. 165 Bore Diameter (mm)

Size (mm)	165x120x22
Bore Diameter (mm)	165
Outer Diameter (mm)	120
Width (mm)	22
d	120 mm
D	165 mm
B	22 mm
d1	134 mm
d2	130.2 mm
D1	151.01 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	46.1 mm
da – min.	126 mm
db – min.	123.2 mm
Da – max.	159 mm
Db – max.	161.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
dn	137.4 mm
Basic dynamic load rating – C	44.9 kN
Basic static load rating – C0	38 kN

Fatigue load limit – Pu	1.3 kN
Limiting speed for grease lubrication	11500 r/min
Limiting speed for oil lubrication	17500 mm/min
Ball – Dw	14.288 mm
Ball – z	24
Gref	15 cm3
Calculation factor – e	0.68
Calculation factor – Y2	1.41
Calculation factor – Y0	0.76
Calculation factor – X2	0.67
Calculation factor – Y1	0.92
Preload class A – GA	410 N
Preload class B – GB	1220 N
Preload class C – GC	2440 N
Calculation factor – f	1.18
Calculation factor – f1	0.98
Calculation factor – f2A	1
Calculation factor – f2B	1.04
Calculation factor – f2C	1.08
Calculation factor – fHC	1.01
Preload class A	230 N/micron
Preload class B	346 N/micron
Preload class C	456 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
da min.	126 mm
db min.	123.2 mm
Da max.	159 mm
Db max.	161.8 mm

ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	44.9 kN
Basic static load rating C0	38 kN
Fatigue load limit Pu	1.32 kN
Attainable speed for grease lubrication	11500 r/min
Attainable speed for oil-air lubrication	17500 r/min
Ball diameter Dw	14.288 mm
Number of balls z	24
Reference grease quantity Gref	15 cm^3
Preload class A GA	410 N
Static axial stiffness, preload class A	230 N/µm
Preload class B GB	1220 N
Static axial stiffness, preload class B	346 N/µm
Preload class C GC	2440 N
Static axial stiffness, preload class C	456 N/µm
Calculation factor f	1.18
Calculation factor f1	0.98
Calculation factor f2A	1
Calculation factor f2B	1.04
Calculation factor f2C	1.08
Calculation factor fHC	1.01
Calculation factor e	0.68
Calculation factor (single, tandem) Y2	0.87
Calculation factor (single, tandem) Y0	0.38
Calculation factor (single, tandem) X2	0.41
Calculation factor (back-to-back, face-to-face) Y1	0.92

Calculation factor (back-to-back, face-to-face) Y2	1.41
Calculation factor (back-to-back, face-to-face) Y0	0.76
Calculation factor (back-to-back, face-to-face) X2	0.67
Mass bearing	0.93 kg