

NSK 6314NR deep groove ball bearings

Offer High Quality Brand NSK 6314NR deep groove ball bearings 180x120x28 Size (mm) .Contact Us Online to Get 180 Bore Diameter (mm) Best Quote.

Size (mm)	180x120x28
Bore Diameter (mm)	180
Outer Diameter (mm)	120
Width (mm)	28
d	120 mm
D	180 mm
B	28 mm
d1	138.5 mm
d2	138.5 mm
D1	161.5 mm
K	0.5 mm
C1	7.41 mm
r1,2 – min.	2 mm
r3,4 – min.	1 mm
a	49.1 mm
da – min.	129 mm
db – min.	129 mm
Da – max.	171 mm
Db – max.	175 mm
ra – max.	2 mm
rb – max.	1 mm
dn	142.6 mm

Basic dynamic load rating – C	111 kN
Basic static load rating – C0	116 kN
Fatigue load limit – Pu	4 kN
Limiting speed for grease lubrication	8000 r/min
Limiting speed for oil lubrication	12000 mm/min
Ball – Dw	19.05 mm
Ball – z	22
Gref	27 cm ³
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	690 N
Preload class B – GB	1380 N
Preload class C – GC	2760 N
Preload class D – GD	5520 N
Calculation factor – f	1.17
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.05
Calculation factor – f2D	1.08
Calculation factor – fHC	1.02
Preload class A	353 N/micron
Preload class B	461 N/micron
Preload class C	613 N/micron
Preload class D	831 N/micron
r1,2 min.	2 mm

r _{3,4} min.	1 mm
d _a min.	129 mm
d _b min.	129 mm
D _a max.	171 mm
D _b max.	175 mm
r _a max.	2 mm
r _b max.	1 mm
Basic dynamic load rating C	111 kN
Basic static load rating C ₀	116 kN
Fatigue load limit P _u	4 kN
Attainable speed for grease lubrication	8000 r/min
Attainable speed for oil-air lubrication	12000 r/min
Ball diameter D _w	19.05 mm
Number of balls z	22
Reference grease quantity G _{ref}	27 cm ³
Preload class A G _A	690 N
Static axial stiffness, preload class A	353 N/μm
Preload class B G _B	1380 N
Static axial stiffness, preload class B	461 N/μm
Preload class C G _C	2760 N
Static axial stiffness, preload class C	613 N/μm
Preload class D G _D	5520 N
Static axial stiffness, preload class D	831 N/μm
Calculation factor f	1.17
Calculation factor f ₁	0.99
Calculation factor f _{2A}	1
Calculation factor f _{2B}	1.02
Calculation factor f _{2C}	1.05
Calculation factor f _{2D}	1.08

Calculation factor fHC	1.02
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	1.76 kg