

# NSK B17-136 deep groove ball bearings

What are 320 Outer Diameter (mm) the types of NSK B17-136 deep groove ball bearings ? 440x320x56 Size (mm) Manufacturing Service . Get Your Free, Instant price, design review.

Size (mm)	440x320x56
Bore Diameter (mm)	440
Outer Diameter (mm)	320
Width (mm)	56
d	320 mm
D	440 mm
B	56 mm
d1	357 mm
d2	357 mm
D1	403 mm
r1,2 – min.	3 mm
r3,4 – min.	1.1 mm
a	79.1 mm
da – min.	333 mm
db – min.	333 mm
Da – max.	425 mm
Db – max.	434 mm
ra – max.	2.5 mm
rb – max.	1 mm
dn	367 mm
Basic dynamic load rating – C	377 kN
Basic static load rating – C0	620 kN

Fatigue load limit – Pu	13.7 kN
Limiting speed for grease lubrication	3600 r/min
Limiting speed for oil lubrication	5000 mm/min
Ball – Dw	38.1 mm
Ball – z	27
Gref	282 cm <sup>3</sup>
Calculation factor – f <sub>0</sub>	16.5
Preload class A – GA	1400 N
Preload class B – GB	2800 N
Preload class C – GC	5600 N
Preload class D – GD	11200 N
Calculation factor – f	1
Calculation factor – f <sub>2A</sub>	1
Calculation factor – f <sub>2B</sub>	1.07
Calculation factor – f <sub>2C</sub>	1.12
Calculation factor – f <sub>2D</sub>	1.18
Calculation factor – f <sub>HC</sub>	1.04
Preload class A	311 N/micron
Preload class B	422 N/micron
Preload class C	589 N/micron
Preload class D	849 N/micron
r <sub>1,2</sub> min.	3 mm
r <sub>3,4</sub> min.	1.1 mm
d <sub>a</sub> min.	333 mm
d <sub>b</sub> min.	333 mm
D <sub>a</sub> max.	425 mm
D <sub>b</sub> max.	434 mm
r <sub>a</sub> max.	2.5 mm
r <sub>b</sub> max.	1 mm

Basic dynamic load rating C	377 kN
Basic static load rating C0	620 kN
Fatigue load limit Pu	13.7 kN
Attainable speed for grease lubrication	3600 r/min
Attainable speed for oil-air lubrication	5000 r/min
Ball diameter Dw	38.1 mm
Number of balls z	27
Reference grease quantity Gref	282 cm <sup>3</sup>
Preload class A GA	1400 N
Static axial stiffness, preload class A	311 N/μm
Preload class B GB	2800 N
Static axial stiffness, preload class B	422 N/μm
Preload class C GC	5600 N
Static axial stiffness, preload class C	589 N/μm
Preload class D GD	11200 N
Static axial stiffness, preload class D	849 N/μm
Calculation factor f	1.24
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.07
Calculation factor f2C	1.12
Calculation factor f2D	1.18
Calculation factor fHC	1.04
Calculation factor f0	16.5
Mass bearing	20.5 kg