

SNR 62302EE deep groove ball bearings

Our highly-skilled and factory-trained service experts have the resources 90x55x18 Size (mm) to help you with all your SNR 62302EE deep groove ball bearings needs – 90 Bore Diameter (mm) including routine maintenance, major repairs, warranty service, 55 Outer Diameter (mm) and equipment inspections.

Size (mm)	90x55x18
Bore Diameter (mm)	90
Outer Diameter (mm)	55
Width (mm)	18
d	55 mm
D	90 mm
B	18 mm
d1	68.18 mm
d2	66.65 mm
D2	79.39 mm
b	2.2 mm
C1	9 mm
C2	4.3 mm
C3	2.8 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	18.8 mm
da – min.	61 mm
db – min.	61 mm
Da – max.	84 mm

Db – max.	86.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
dn	69.2 mm
Basic dynamic load rating – C	14 kN
Basic static load rating – C0	11 kN
Fatigue load limit – Pu	0.465 kN
Limiting speed for grease lubrication	26000 r/min
Limiting speed for oil lubrication	40000 mm/min
Ball – Dw	6.747 mm
Ball – z	26
Gref	4.69 cm ³
Calculation factor – f0	9.7
Preload class A – GA	46 N
Preload class B – GB	92 N
Preload class C – GC	275 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.05
Calculation factor – fHC	1.01
Preload class A	43 N/micron
Preload class B	56 N/micron
Preload class C	88 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
da min.	61 mm
db min.	61 mm
Da max.	84 mm

Db max.	86.8 mm
ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	18.6 kN
Basic static load rating C0	19 kN
Fatigue load limit Pu	0.465 kN
Attainable speed for grease lubrication	26000 r/min
Attainable speed for oil-air lubrication	40000 r/min
Ball diameter Dw	6.747 mm
Number of balls z	26
Reference grease quantity Gref	4.69 cm ³
Preload class A GA	46 N
Static axial stiffness, preload class A	43 N/μm
Preload class B GB	92 N
Static axial stiffness, preload class B	56 N/μm
Preload class C GC	275 N
Static axial stiffness, preload class C	88 N/μm
Calculation factor f	1.06
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.02
Calculation factor f2C	1.05
Calculation factor fHC	1.01
Calculation factor f0	9.7
Mass bearing	0.4 kg