

**GRAE55-XL-NPP-B**

Radial insert ball bearing

Radial insert ball bearing GRAE...XL-NPP-B

X-life

Technical information

**Main Dimensions & Performance Data**

d	55 mm	Bore diameter
D _{SP}	100 mm	Outside diameter
B	32,5 mm	Width
C _{0r}	29.000 N	Basic static load rating, radial
C _{ur}	1.340 N	Fatigue load limit, radial
B ₁	48,4 mm	Locking collar total width
C _r	43.500 N	Basic dynamic load rating, radial
≈m	1,06 kg	Weight

Dimensions

C	25 mm	Width, outer ring
S	12 mm	Distance raceway
d ₂	66 mm	Rib diameter sealing inner ring
C _a	7 mm	Distance to lubrication hole
d ₃	76 mm	Outside diameter locking collar/locknut
W	5 mm	Width of flats

Calculation factors

f ₀	14,2	Calculation factor
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Characteristics



Radial load



Axial load in one direction



Axial load in two directions



Lifetime lubrication, freedom from maintenance



Grease Lubrication



Sealed on both sides



Static angular error and misalignment