

**GRAE45-XL-NPP-B**

Radial insert ball bearing

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X-life

Technical information

**Main Dimensions & Performance Data**

d	45 mm	Bore diameter
D _{SP}	85 mm	Outside diameter
B	30,2 mm	Width
C _{0r}	20.400 N	Basic static load rating, radial
C _{ur}	970 N	Fatigue load limit, radial
B ₁	43,8 mm	Locking collar total width
C _r	32.500 N	Basic dynamic load rating, radial
≈m	0,69 kg	Weight

Dimensions

C	22 mm	Width, outer ring
S	11 mm	Distance raceway
d ₂	54,3 mm	Rib diameter sealing inner ring
C _a	6,4 mm	Distance to lubrication hole
d ₃	63 mm	Outside diameter locking collar/locknut
W	5 mm	Width of flats

Calculation factors

f ₀	14,1	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