

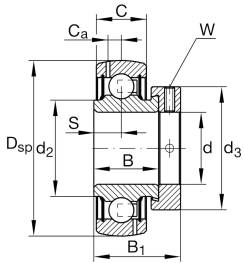
**GRA100-XL-NPP-B-AS2/V** [↗](#)

Radial insert ball bearing

Radial insert ball bearings GRA..-NPP-B-AS2/V, spherical outer ring, location by eccentric locking collar, P seals on both sides, inch size bore

X-life

Technical information



Your current product variant

Sealing	NPP	Lip seal on both sides
Shape of outer surface	B	
Lubrication hole transposed	AS2/V	AS2/V

Main Dimensions & Performance Data

d	25,4 mm	Bore diameter
d	25,4 mm	Bore diameter, inch
D _{SP}	52 mm	Outside diameter
B ₁	31 mm	Locking collar total width
B	21,4 mm	Width
C _{ur}	400 N	Fatigue load limit, radial
C _r	14.000 N	Basic dynamic load rating, radial
C _{0r}	7.800 N	Basic static load rating, radial
≈m	0,18 kg	Weight



Dimensions

C	15 mm	Width, outer ring
S	7,5 mm	Distance raceway
d ₂	30,3 mm	Rib diameter sealing inner ring
C _a	3,9 mm	Distance to lubrication hole
d ₃	37,5 mm	Outside diameter locking collar/locknut
W	3,175 mm	Width across flats (Inch)

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

Calculation factors

f ₀	13,8	Calculation factor
----------------	------	--------------------

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