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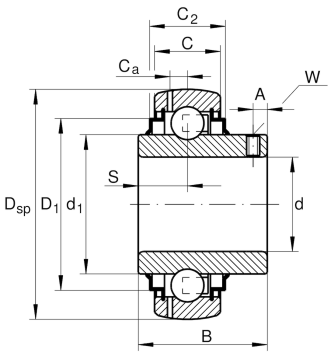
GYE50-XL-KRR-B

Radial insert ball bearing

Radial insert ball bearings GYE..-KRR-B, spherical outer ring, location by grub screws, R seals on both sides

X-life

Technical information



Your current product variant

Sealing	KRR	Lip seals on both sides
Shape of outer surface	B	Bearing without filling slot
Cage	TVH	Solid cage made of glass-fiber reinforced polyamide PA66

Main Dimensions & Performance Data

d	50 mm	Bore diameter
C_r	37,500 N	Basic dynamic load rating, radial
C_{0r}	23,200 N	Basic static load rating, radial
C_{ur}	990 N	Fatigue load limit, radial
≈m	0.75 kg	Weight

The data sheet only contains an overview of the technical data of the selected product. Please refer to the additional documentation for this product. For further information, please use the following link on our website

Dimensions

C	22 mm	Width, outer ring
C_2	26.4 mm	Sealing total width
S	19 mm	Distance raceway
d_1	62.8 mm	Rib diameter inner ring
D_1	77.3 mm	Outside diameter seal
C_a	6.9 mm	Distance to lubrication hole
A	8.5 mm	Distance thread
W	4 mm	Width of flats
B	51.6 mm	Width

Temperature range

T_{min}	-20 °C	Operating temperature min.
T_{max}	100 °C	Operating temperature max.

Calculation factors

f_0	14.4	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

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