

**YE20-DC-B-VA-FD**

Radial insert ball bearing

## Technical information

**Main Dimensions & Performance Data**

d	20 mm	Bore diameter
D <sub>SP</sub>	47 mm	Outside diameter
B	31 mm	Width
C <sub>0r</sub>	5.400 N	Basic static load rating, radial
C <sub>ur</sub>	500 N	Fatigue load limit, radial
C <sub>r</sub>	11.100 N	Basic dynamic load rating, radial
m	0,18 kg	Weight

**Dimensions**

C	16 mm	Width, outer ring
C <sub>2</sub>	20 mm	Sealing total width
S	12,7 mm	Distance raceway
d <sub>1</sub>	29,06 mm	Rib diameter inner ring
A	5 mm	Distance thread
W	2,5 mm	Width of flats

**Temperature range**

T <sub>min</sub>	-35 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.

**Calculation factors**

f <sub>0</sub>	13,2	Calculation factor
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### Characteristics

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-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Lifetime lubrication, freedom from maintenance
-  Grease Lubrication
-  Sealed on both sides
-  Protected against rust
-  Static angular error and misalignment