

**YE35-DC-B-VA-FD** [↗](#)

Radial insert ball bearing

Technical information

Main Dimensions & Performance Data

d	35 mm	Bore diameter
D _{SP}	72 mm	Outside diameter
B	42,9 mm	Width
C _{0r}	12.500 N	Basic static load rating, radial
C _{ur}	1.000 N	Fatigue load limit, radial
C _r	21.900 N	Basic dynamic load rating, radial
m	0,47 kg	Weight

Dimensions

C	20 mm	Width, outer ring
C ₂	24 mm	Sealing total width
S	17,5 mm	Distance raceway
d ₁	47,45 mm	Rib diameter inner ring
A	6,5 mm	Distance thread
W	4 mm	Width of flats

Temperature range

T _{min}	-35 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

Calculation factors

f ₀	13,9	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
-  Protected against rust
-  Static angular error and misalignment