

**FAG****UK216-OSE**

Radial insert ball bearing

Technical information

**Main Dimensions & Performance Data**

d	80 mm	Bore diameter
D _{SP}	140 mm	Outside diameter
B	46 mm	Width
C _{0r}	54.000 N	Basic static load rating, radial
C _{ur}	2.700 N	Fatigue load limit, radial
C _r	76.000 N	Basic dynamic load rating, radial
≈m	1,93 kg	Weight

Dimensions

C	33 mm	Width, outer ring
C ₂	34 mm	Sealing total width
C _a	9,3 mm	Distance to lubrication hole

Temperature range

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

Calculation factors

f ₀	14,7	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