

**FAG****UK218-OSE**

Radial insert ball bearing

Technical information

**Main Dimensions & Performance Data**

d	90 mm	Bore diameter
D _{SP}	160 mm	Outside diameter
B	51 mm	Width
C _{0r}	72.000 N	Basic static load rating, radial
C _{ur}	3.350 N	Fatigue load limit, radial
C _r	102.000 N	Basic dynamic load rating, radial
≈m	2,88 kg	Weight

Dimensions

C	38 mm	Width, outer ring
C ₂	39,4 mm	Sealing total width
C _a	11 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	14,6	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