View product details on medias

18.05.2026, 18:28:11 UTC

SCHAEFFLER

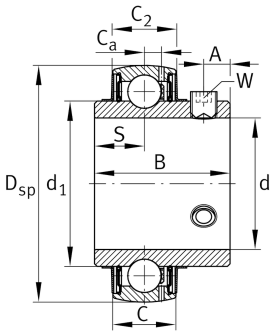
FAG

UC218

Radial insert ball bearing

Radial insert ball bearings UC, spherical outer ring, location by grub screws, RSR seals on both sides

Technical information



Main Dimensions & Performance Data

d	90 mm	Bore diameter
D_{SP}	160 mm	Outside diameter
B	96 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	4,08 kg	Weight

Dimensions

C	38 mm	Width, outer ring
C_2	39,4 mm	Sealing total width
S	39,7 mm	Distance raceway
d_1	109,4 mm	Rib diameter inner ring
C_a	11 mm	Distance to lubrication hole
A	15 mm	Distance thread
W	6 mm	Width of flats

Temperature range

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

Calculation factors

f_0	14,6	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