



YAR 205-2F/VA228

Insert bearings, with set screws, for high temperature applications

Bearing data

[Tolerances](#),

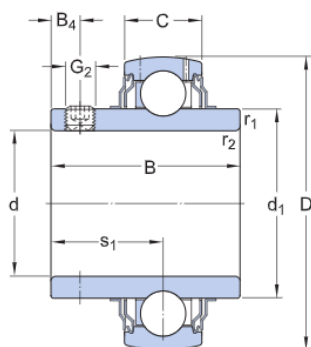
Normal, table,

[Radial internal clearance](#),
table

Technical specification

Running in required

No



DIMENSIONS

d	25 mm	Bore diameter
D	52 mm	Outside diameter
B	34.1 mm	Width inner ring
C	15 mm	Width outer ring
d ₁	≈ 33.74 mm	Shoulder diameter inner ring
B ₄	5 mm	Distance from locking device side face to thread centre
s ₁	19.8 mm	Distance from locking device side face to raceway centre
r _{1,2}	min. 0.6 mm	Chamfer dimension

CALCULATION DATA

Basic dynamic load rating	C	14 kN
Basic static load rating	C ₀	7.8 kN
Limiting speed		230 r/min
Limiting temperature	T	max. 350 °C

MASS

Mass bearing	0.19 kg
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MOUNTING INFORMATION

Set screw	G ₂	M6x0.75
Hexagonal key size for set screw	N	3 mm
Recommended tightening torque for set screw		4 Nm

Product details Deep groove ball bearings for high temperature applications Insert bearings and ball bearing units for high temperature applications Bearing data Loads and selecting bearing size Bearing interfaces Relubrication and running in Mounting Designation system	Engineering information Principles of rolling bearing selection General bearing knowledge Bearing selection process Bearing interfaces Seat tolerances for standard conditions Sealing, mounting and dismounting Bearing failure and how to prevent it	Tools Engineering Calculator SimPro Quick Heater selection tool Rolling bearings mounting and dismounting instructions
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