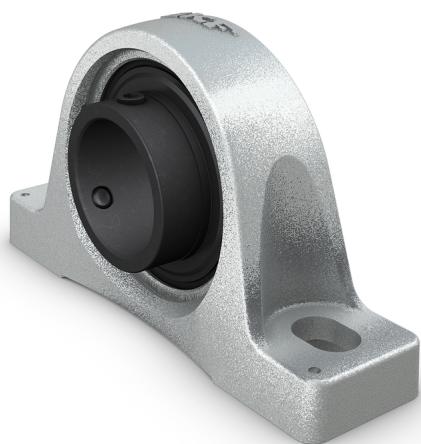




SY 1.3/4 TF/VA228

Plummer block ball bearing units, for high temperature applications

Bearing data

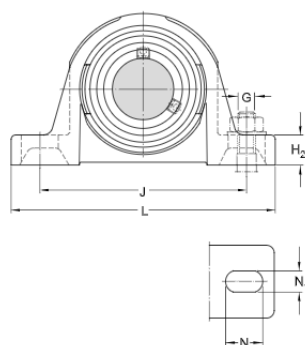
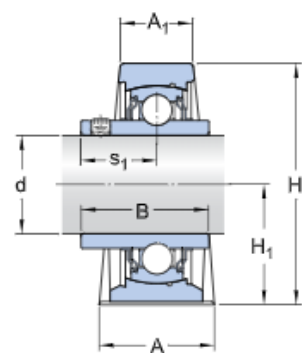
[Radial internal clearance,](#)
table

Technical specification

Running in required

No

DIMENSIONS



d	44.45 mm
A	48 mm
A ₁	32 mm
B	49.2 mm
H	107 mm
H ₁	54 mm
H ₂	21 mm
L	187 mm
J	143.5 mm
N	22.5 mm
N ₁	14 mm
s ₁	30.2 mm

CALCULATION DATA

Basic dynamic load rating	C	33.2 kN
Basic static load rating	C ₀	21.6 kN
Limiting speed		130 r/min
Limiting temperature	T	max. 350 °C

MASS

Mass bearing unit	2.2 kg
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MOUNTING INFORMATION

Grub (set) screw	G ₂	5/16-24 UNF
Hexagonal key size for grub screw	N	3.969 mm
Recommended tightening torque for grub screw		6.5 N·m
Attachment bolts, recommended metric size	G	12 mm
Attachment bolts, recommended inch size	G	0.5 in

INCLUDED PRODUCTS

Bearing	YAR 209-112-2F/VA228
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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](#)

[Design considerations](#)

[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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