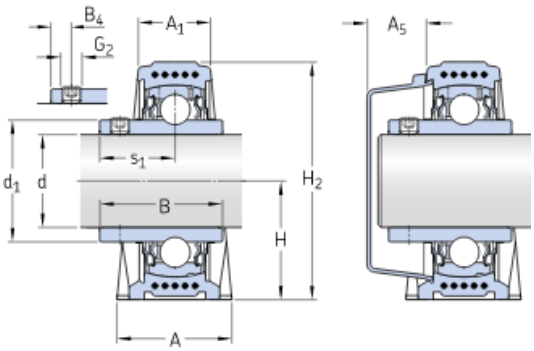
SYK 40 TR

Pillow block ball bearing units



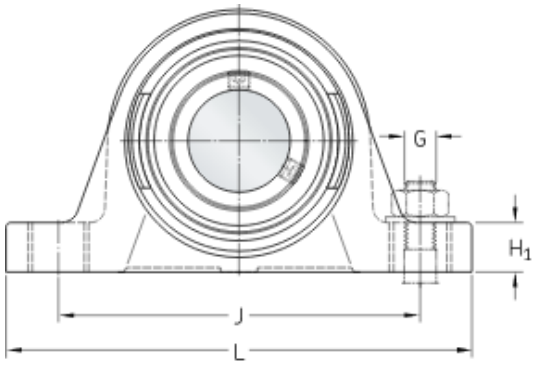
Technical specification

Compliance with standard	ISO
Purpose specific	For material handling applications
Housing material	Composite
Sealing solution	Multiple seals

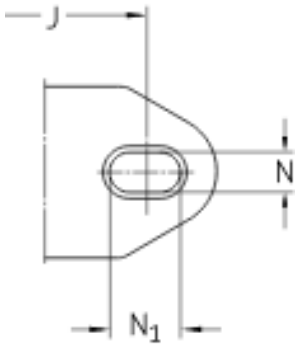


DIMENSIONS

d	40 mm
d_1	≈ 51.8 mm
A	48 mm
A_1	30 mm
A_5	25.5 mm
B	49.2 mm
B_4	8 mm
H	49.2 mm
H_1	19 mm
H_2	99.5 mm
J	136 mm
J	max. 143 mm
J	min. 129 mm



L	176 mm
N	14.5 mm
N_1	21.5 mm
s_1	30.2 mm



CALCULATION DATA

Basic dynamic load rating	C	30.7 kN
Basic static load rating	C_0	19 kN
Fatigue load limit	P_u	0.8 kN
Limiting speed		2800 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	0.88 kg

MOUNTING INFORMATION

Set screw	G_2	M8x1

Hexagonal key size for set screw	N	4 mm
Recommended tightening torque for set screw		6.5 N·m
Recommended diameter for attachment bolts, mm	G	12 mm
Recommended diameter for attachment bolts, inch	G	0.5 in

INCLUDED PRODUCTS

Housing	SYK 508
Bearing	YAR 208-2RF

ASSOCIATED PRODUCTS

End cover	ECY 208

More information

Product details

- Pillow block units to ISO standards
- Pillow block units to North American standards
- Pillow block units to Japanese Industrial Standards (JIS)
- Pillow block units, not standardized (incl. SKF Food Line)
- Ball bearing unit data
- Loads
- Temperature limits
- Permissible speed
- Lubrication
- Mounting and dismounting
- Designation system

Engineering information

- Principles of ball bearing units selection and application - Download catalogue (4.9 MB)
- Principles of selecting mounted bearing solutions
- Bearing failure and how to prevent it

Tools

- Bearing Select
- Engineering Calculator
- Rolling bearings mounting and dismounting instructions

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