



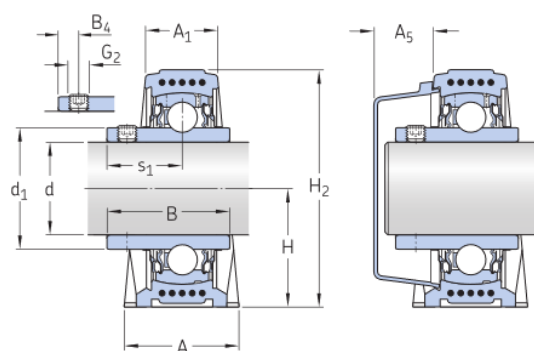
SYK 30 TR

Pillow block ball bearing units

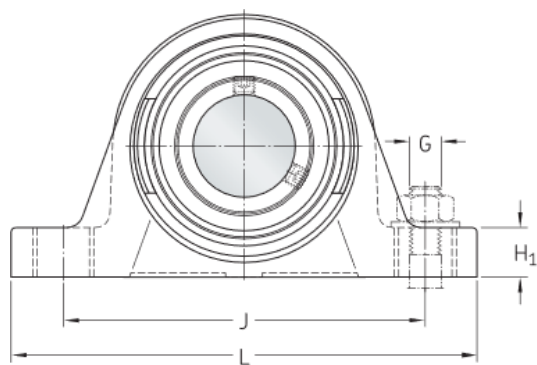
Technical specification

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

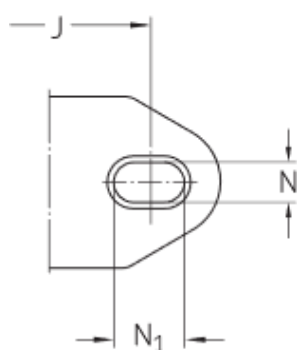
DIMENSIONS



d	30 mm	Bore diameter
d ₁	≈ 39.7 mm	Shoulder diameter inner ring
A	40 mm	Base width
A ₁	25 mm	Top width
A ₅	22 mm	Width including end cover
B	38.1 mm	Width of inner ring
B ₄	5 mm	Distance from locking device side face to thread centre
H	42.9 mm	Height of spherical seat centre
H ₁	19 mm	Foot height
H ₂	82.5 mm	Overall height
J	121 mm	Distance between attachment bolts
J	max. 128 mm	Distance between attachment bolts



J	min. 114 mm	Distance between attachment bolts
L	159 mm	Overall length
N	14.5 mm	Diameter of attachment bolt hole
N ₁	21.5 mm	Length of attachment bolt hole
s1	22.2 mm	Distance from locking device side face to raceway centre



CALCULATION DATA

Basic dynamic load rating	C	19.5 kN
Basic static load rating	C ₀	11.2 kN
Fatigue load limit	P _u	0.475 kN
Limiting speed		3 800 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	0.49 kg
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MOUNTING INFORMATION

Set screw	G ₂	M6x0.75
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Hexagonal key size for set screw		3 mm
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Recommended tightening torque for set screw		4 Nm
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Recommended diameter for attachment bolts, mm	G	12 mm
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Recommended diameter for attachment bolts, inch	G	0.5 in
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INCLUDED PRODUCTS

Housing		SYK 506
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Bearing		YAR 206-2RF
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ASSOCIATED PRODUCTS

End cover		ECY 206
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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 \(incl. SKF Food Line\)](#)

[Permissible misalignment](#)

[Locating/non-locating support](#)

[Loads](#)

[Temperature limits](#)

[Permissible speed](#)

[Lubrication](#)

[Mounting and dismounting](#)

[Ordering information](#)

[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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