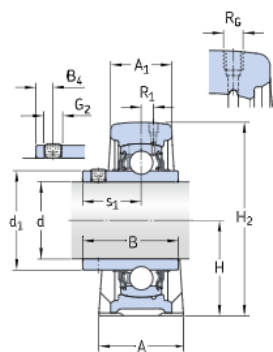


## SYF 25 TF

### Short base pillow block ball bearing units

## Technical specification

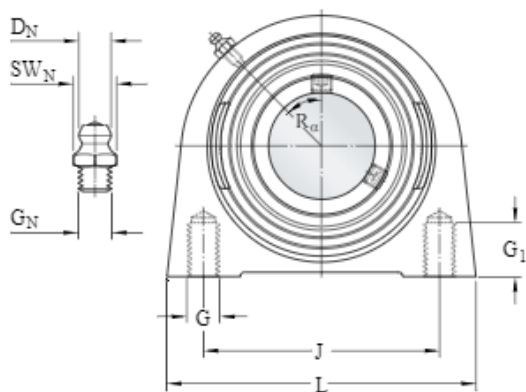
Compliance with standard	Not standardized
Purpose specific	For material handling applications
Housing material	Cast iron
Sealing solution	Standard seals with additional flingers



## DIMENSIONS

d	25 mm
d <sub>1</sub>	≈ 33.74 mm
A	36 mm
A <sub>1</sub>	22 mm
B	34.1 mm
B <sub>4</sub>	5 mm
H	36.5 mm
H <sub>2</sub>	70 mm
J	50.8 mm
L	70 mm
s <sub>1</sub>	19.8 mm

## THREADED HOLE



$R_G$	1/4-28 UNF
$R_1$	2 mm
$R_\alpha$	45 °

## GREASE FITTING

$D_N$	6.5 mm
$SW_N$	7 mm
$G_N$	1/4-28 SAE-LT

## CALCULATION DATA

Basic dynamic load rating	C	14 kN
Basic static load rating	$C_0$	7.8 kN
Fatigue load limit	$P_u$	0.335 kN
Limiting speed		7 000 r/min
with shaft tolerance h6		

## MASS

Mass bearing unit	0.54 kg
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## MOUNTING INFORMATION

Thread for attachment bolts	G	M10
Thread length	$G_1$	15 mm
Set screw	$G_2$	M6x0.75
Hexagonal key size for set screw	N	3 mm
Recommended tightening torque for set screw		4 N·m

## INCLUDED PRODUCTS

Housing	SYF 505
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Bearing

YAR 205-2F

## More information

Product details	Engineering information	Tools
<a href="#">Pillow block units to ISO standards</a>	<a href="#">Principles of ball bearing units selection and application - Download catalogue (4.9 MB)</a>	<a href="#">Bearing Select</a>
<a href="#">Pillow block units to North American standards</a>	<a href="#">Principles of selecting mounted bearing solutions</a>	<a href="#">Engineering Calculator</a>
<a href="#">Pillow block units to Japanese Industrial Standards (JIS)</a>	<a href="#">Bearing failure and how to prevent it</a>	<a href="#">Rolling bearings mounting and dismounting instructions</a>
<a href="#">Pillow block units, not standardized (incl. SKF Food Line)</a>		
<a href="#">Ball bearing unit data</a>		
<a href="#">Loads</a>		
<a href="#">Temperature limits</a>		
<a href="#">Permissible speed</a>		
<a href="#">Lubrication</a>		
<a href="#">Mounting and dismounting</a>		
<a href="#">Designation system</a>		

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