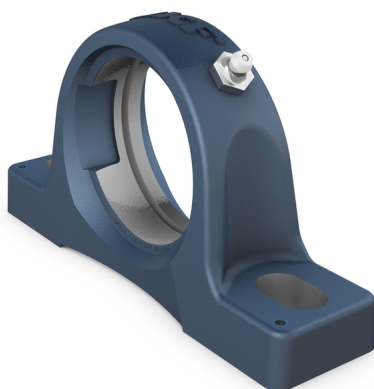


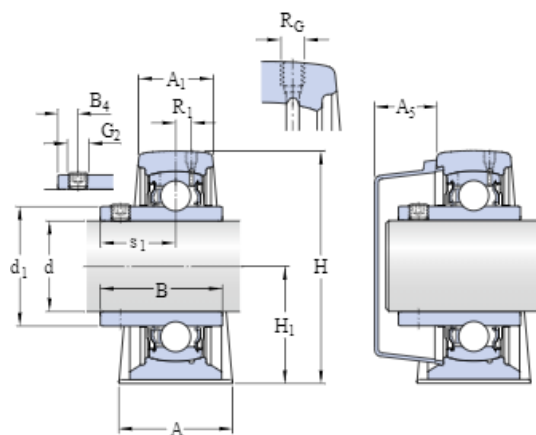


SY 30 TF

Pillow block ball bearing units

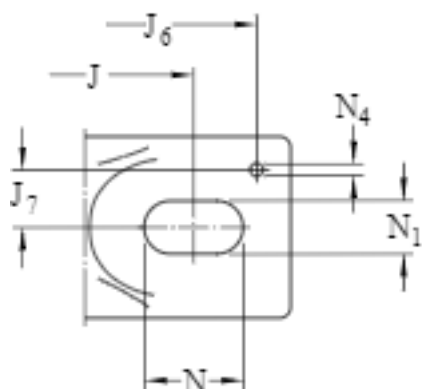
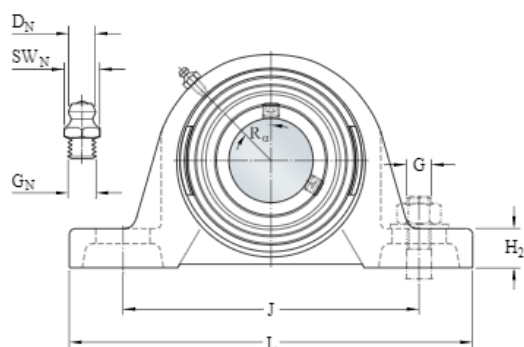
Technical Specification

Compliance with standard	ISO
Housing material	Cast Iron
Sealing solution	Standard seals with additional flingers



DIMENSIONS

d	30 mm
d ₁	≈ 39.7 mm
A	40 mm
A ₁	25 mm
A ₅	22.5 mm
B	38.1 mm
B ₄	5 mm
H	82 mm
H ₁	42.9 mm
H ₂	17 mm
J	117.5 mm
J	max. 127 mm
J	min. 108 mm
L	152 mm



N	23.5 mm
N ₁	14 mm
s ₁	22.2 mm

THREADED HOLE

R _G	1/4-28 UNF
R ₁	3 mm
R _α	45 °

GREASE FITTING

D _N	6.5 mm
SW _N	7 mm
G _N	1/4-28 SAE-LT

DOWEL PINS

J ₆	140 mm
J ₇	14 mm
N ₄	4 mm

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		6300 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	1.05 kg
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MOUNTING INFORMATION

Thread grub screw	G ₂	M6x0.75
Hexagonal key size for grub screw	N	3 mm
Recommended tightening torque for grub screw		4 N·m
Recommended diameter for attachment bolts, mm	G	12 mm
Recommended diameter for attachment bolts, inch	G	0.5 in

INCLUDED PRODUCTS

Housing	SY 506 M
Bearing	YAR 206-2F

ASSOCIATED PRODUCTS

End cover	ECY 206
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