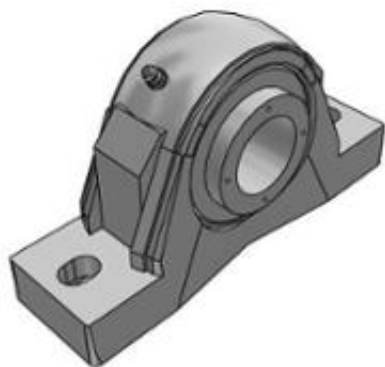
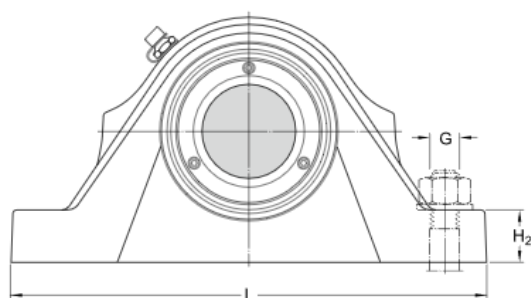
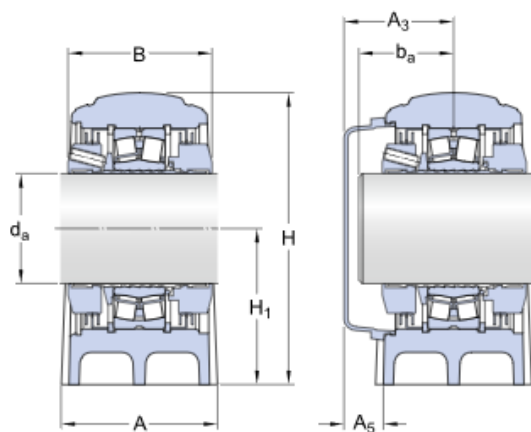


SYNT 40 FTS

Roller bearing plummer block units, for metric shafts



Technical specification



DIMENSIONS

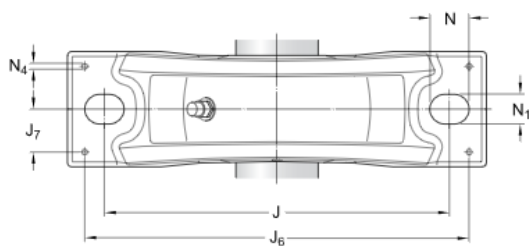
d_a	40 mm
A	60 mm
B	65 mm
H	114 mm
H_1	60 mm
H_2	25 mm
J	170 mm
L	205 mm
N	20 mm
N_1	15 mm

SHAFT END

A_3	51 mm
A_5	23.5 mm
b_a	min. 34 mm
b_a	max. 43 mm

DOWEL PINS

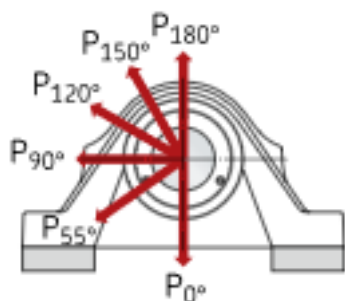
J_6	185 mm
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J_7	21 mm
N_4	max. 6 mm

CALCULATION DATA

Basic dynamic load rating	C	96.5 kN
Basic static load rating	C_0	90 kN
Fatigue load limit	P_u	9.8 kN
Limiting speed		5900 r/min
Calculation factor	e	0.28
Calculation factor	Y_1	2.4
Calculation factor	Y_2	3.6
Bearing mean diameter	d_m	60 mm
Incorporated bearing		22208 EKS



BREAKING LOADS

P_{0°	160 kN
P_{55°	265 kN
P_{90°	160 kN
P_{120°	100 kN
P_{150°	90 kN
P_{180°	110 kN

AXIAL HOLDING POWER

P_a	15 kN
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MASS

Mass bearing unit	3.8 kg
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MOUNTING INFORMATION

Attachment bolt diameter	G	12 mm
Tightening torque for attachment bolts		80 N·m
Grub screws		M6
Tightening torque for grub screws		8 N·m
Grease quantity for relubrication		4 g

APPROPRIATE PRODUCTS

End cover	ECY 208
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