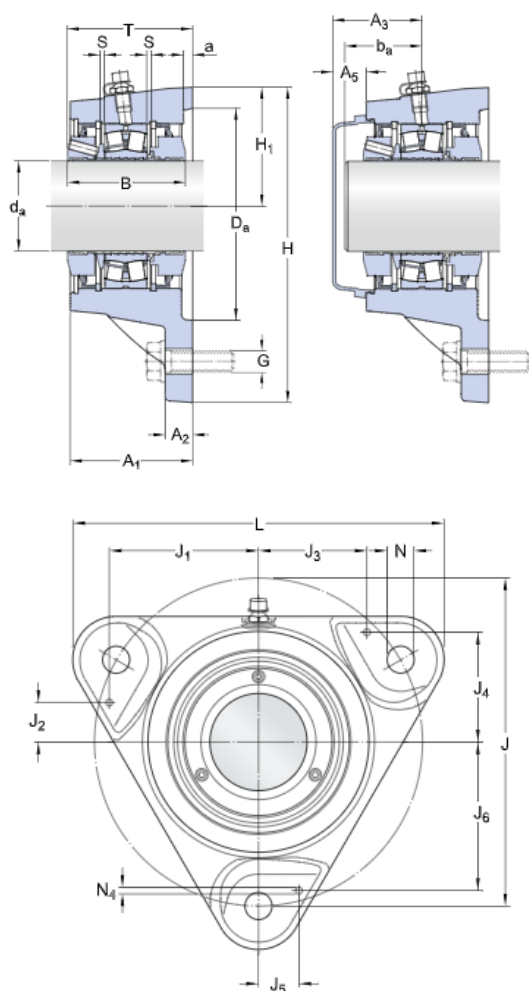




FYNT 55 L

Roller bearing flanged units, for metric shafts

Technical specification



DIMENSIONS

d_a	55 mm
A_1	70 mm
A_2	15 mm
T	max. 73.6 mm
B	66 mm
H	189 mm
H_1	72 mm
J	180 mm
L	210 mm
D_a	120 mm
N	14 mm
a	5 mm
S	2.5 mm

SHAFT END

A_3	66 mm
A_5	34 mm
b_a	min. 34 mm
b_a	max. 55 mm

DOWEL PINS

J_1	84 mm
J_2	22 mm
J_3	62 mm
J_4	54.5 mm
J_5	22 mm
J_6	84 mm
N_4	max. 8 mm

CALCULATION DATA

Basic dynamic load rating	C	125 kN
Basic static load rating	C_0	137 kN
Fatigue load limit	P_u	13.7 kN
Limiting speed		3 100 r/min
Calculation factor	e	0.24
Calculation factor	Y_1	2.8
Calculation factor	Y_2	4.2
Bearing mean diameter	d_m	77.5 mm
Basic bearing designation		22211 E

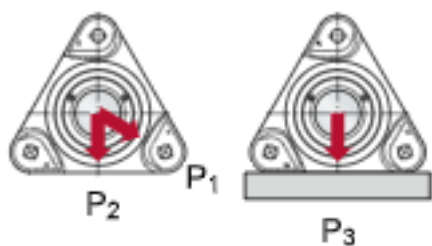
LOAD CARRYING ABILITY

BREAKING LOADS

P_1	120 kN
P_2	95 kN
P_3	115 kN

AXIAL HOLDING POWER

P_a	15 kN
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MASS

Mass bearing unit	5.9 kg
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MOUNTING INFORMATION

Attachment bolt diameter	G	12 mm
Tightening torque for attachment bolts		80 N·m
Grub screws		3 x M 6
Tightening torque for grub screws		8 N·m
Grease quantity for relubrication		5 g

APPROPRIATE PRODUCTS

End cover	ECY 211
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