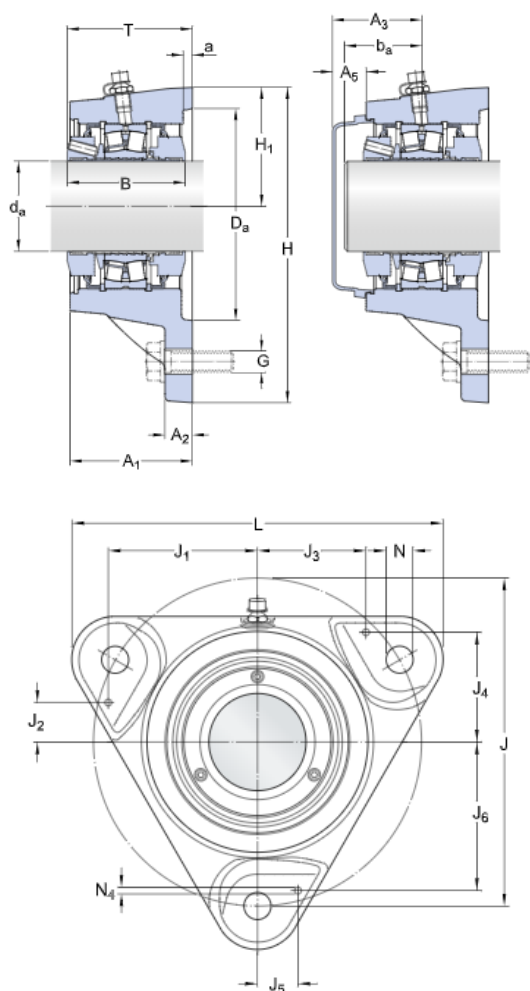




FYNT 50 F

Roller bearing flanged units, for metric shafts

Technical specification



DIMENSIONS

d_a	50 mm
A_1	70 mm
A_2	15 mm
T	max. 72.7 mm
B	65 mm
H	172.5 mm
H_1	65 mm
J	170 mm
L	192 mm
D_a	105 mm
N	14 mm
a	5 mm

SHAFT END

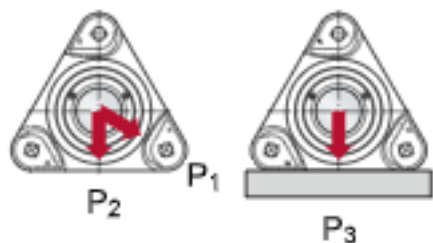
A_3	62 mm
A_5	29.5 mm
b_a	min. 34 mm
b_a	max. 55 mm

DOWEL PINS

J_1	77 mm
J_2	21 mm
J_3	57 mm
J_4	49 mm
J_5	21 mm
J_6	77 mm
N_4	max. 6 mm

CALCULATION DATA

Basic dynamic load rating	C	104 kN
Basic static load rating	C_0	108 kN
Fatigue load limit	P_u	11.8 kN
Limiting speed		3 300 r/min
Calculation factor	e	0.24
Calculation factor	Y_1	2.8
Calculation factor	Y_2	4.2
Bearing mean diameter	d_m	70 mm
Basic bearing designation		22210 E



LOAD CARRYING ABILITY

BREAKING LOADS

P_1	110 kN
P_2	80 kN
P_3	110 kN

AXIAL HOLDING POWER

P_a	15 kN
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MASS

Mass bearing unit	4.5 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		4 g

APPROPRIATE PRODUCTS

End cover	ECY 210
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