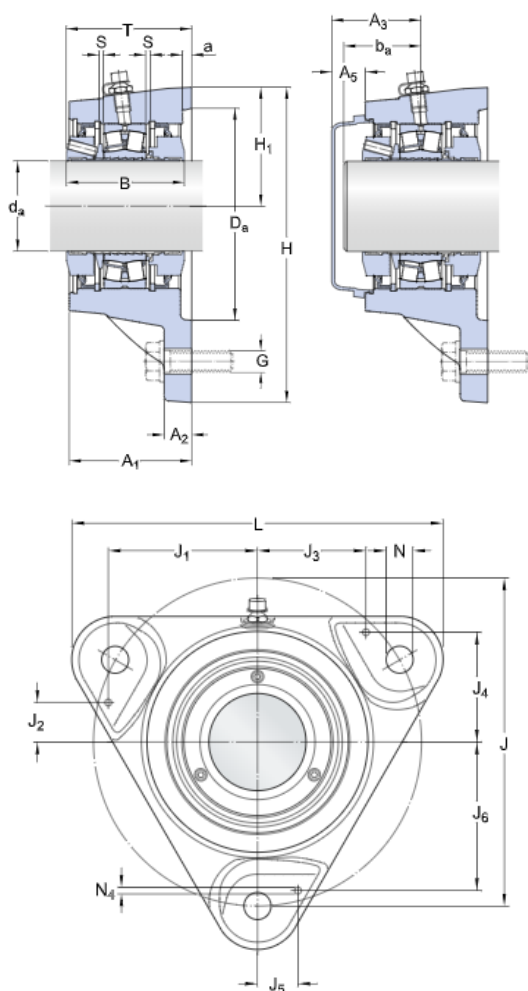




FYNT 35 L

Roller bearing flanged units, for metric shafts

Technical specification



DIMENSIONS

d_a	35 mm
A_1	66 mm
A_2	12 mm
T	max. 72.5 mm
B	65 mm
H	143 mm
H_1	54 mm
J	140 mm
L	159 mm
D_a	90 mm
N	14 mm
a	4 mm
S	2.5 mm

SHAFT END

A_3	50 mm
A_5	22 mm
b_a	min. 34 mm
b_a	max. 43 mm

DOWEL PINS

J_1	65 mm
J_2	17 mm
J_3	48 mm
J_4	38.5 mm
J_5	16 mm
J_6	66 mm
N_4	max. 6 mm

CALCULATION DATA

Basic dynamic load rating	C	86.5 kN
Basic static load rating	C_0	85 kN
Fatigue load limit	P_u	9.3 kN
Limiting speed		4 100 r/min
Calculation factor	e	0.31
Calculation factor	Y_1	2.2
Calculation factor	Y_2	3.3
Bearing mean diameter	d_m	53.5 mm
Basic bearing designation		22207 E

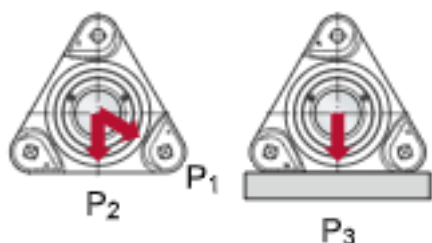
LOAD CARRYING ABILITY

BREAKING LOADS

P_1	80 kN
P_2	55 kN
P_3	95 kN

AXIAL HOLDING POWER

P_a	15 kN
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MASS

Mass bearing unit	3 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		3 g

APPROPRIATE PRODUCTS

End cover	ECY 207
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