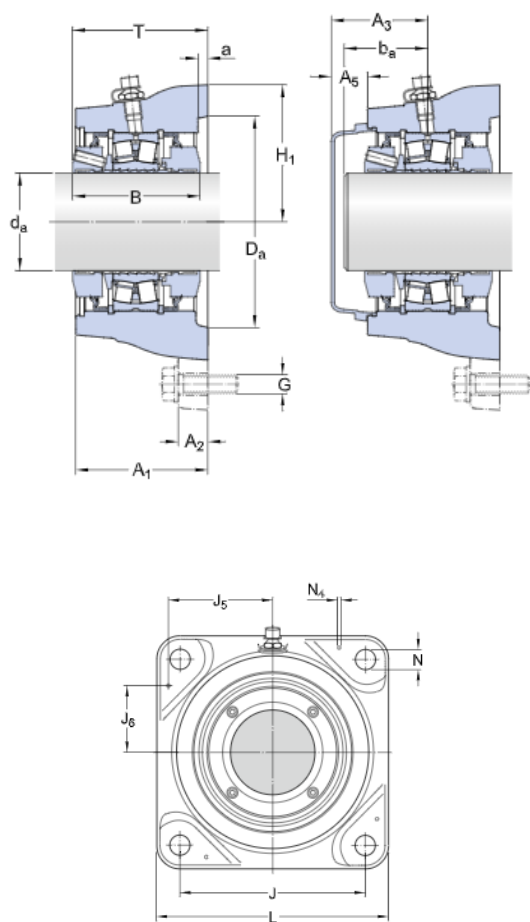


FYNT 65 F

Roller bearing flanged units, for metric shafts

Technical specification



DIMENSIONS

d_a	65 mm
A_1	78 mm
A_2	25 mm
T	max. 80.3 mm
B	72 mm
H	190 mm
H_1	95 mm
J	152 mm
L	190 mm
D_a	150 mm
N	19 mm
a	6 mm

SHAFT END

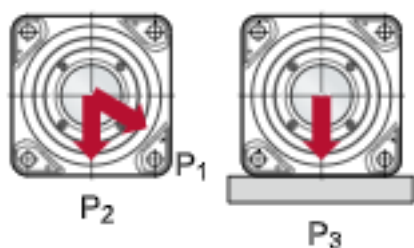
A_3	73 mm
A_5	35.5 mm
b_a	min. 38 mm
b_a	max. 65 mm

DOWEL PINS

J_5	85 mm
J_6	55 mm
N_4	max. 8 mm

CALCULATION DATA

Basic dynamic load rating	C	193 kN
Basic static load rating	C_0	216 kN
Fatigue load limit	P_u	24 kN
Limiting speed		2 700 r/min
Calculation factor	e	0.24
Calculation factor	Y_1	2.8
Calculation factor	Y_2	4.2
Bearing mean diameter	d_m	92.5 mm
Basic bearing designation		22213 E



LOAD CARRYING ABILITY

BREAKING LOADS

P_1	140 kN
P_2	125 kN
P_3	265 kN

AXIAL HOLDING POWER

P_a	20 kN
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MASS

Mass bearing unit	9.3 kg
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MOUNTING INFORMATION

Attachment bolt diameter	G	16 mm
Tightening torque for attachment bolts		200 N·m
Grub screws		4 x M 6
Tightening torque for grub screws		8 N·m
Grease quantity for relubrication		7 g

APPROPRIATE PRODUCTS

End cover		ECY 213
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