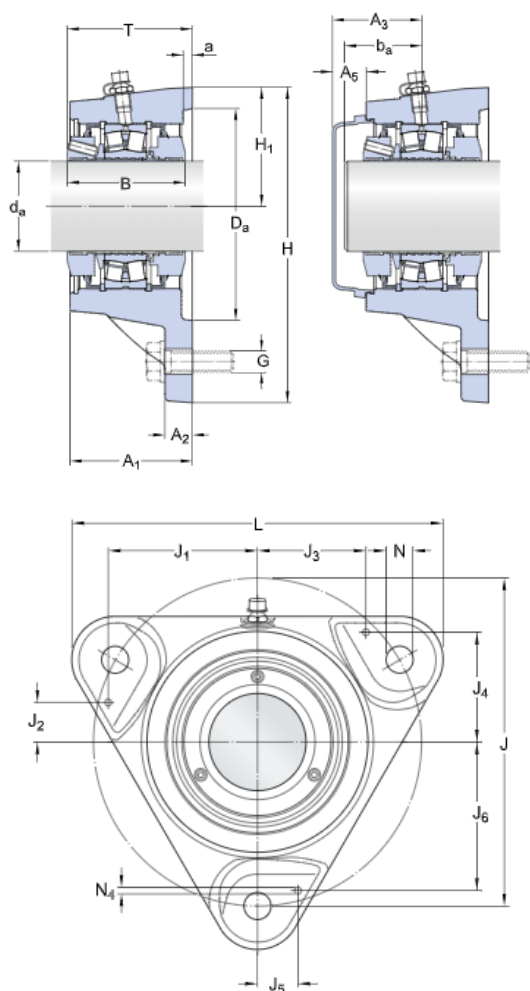




## FYNT 60 F

Roller bearing flanged units, for metric shafts

### Technical specification



### DIMENSIONS

$d_a$	60 mm
$A_1$	78 mm
$A_2$	15 mm
T	max. 78.7 mm
B	71 mm
H	202.5 mm
$H_1$	77.5 mm
J	190 mm
L	225 mm
$D_a$	130 mm
N	14 mm
a	5 mm

### SHAFT END

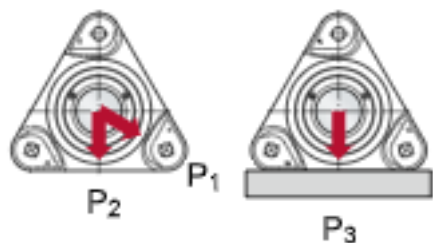
$A_3$	73 mm
$A_5$	35.5 mm
$b_a$	min. 38 mm
$b_a$	max. 65 mm

### DOWEL PINS

$J_1$	90 mm
$J_2$	24 mm
$J_3$	66 mm
$J_4$	59.5 mm
$J_5$	24 mm
$J_6$	90 mm
$N_4$	max. 8 mm

## CALCULATION DATA

Basic dynamic load rating	C	156 kN
Basic static load rating	$C_0$	166 kN
Fatigue load limit	$P_u$	18.6 kN
Limiting speed		2 900 r/min
Calculation factor	e	0.24
Calculation factor	$Y_1$	2.8
Calculation factor	$Y_2$	4.2
Bearing mean diameter	$d_m$	85 mm
Basic bearing designation		22212 E



## LOAD CARRYING ABILITY

### BREAKING LOADS

$P_1$	130 kN
$P_2$	110 kN
$P_3$	190 kN

### AXIAL HOLDING POWER

$P_a$	15 kN
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## MASS

Mass bearing unit	6.7 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		6 g

## APPROPRIATE PRODUCTS

End cover	ECY 212
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