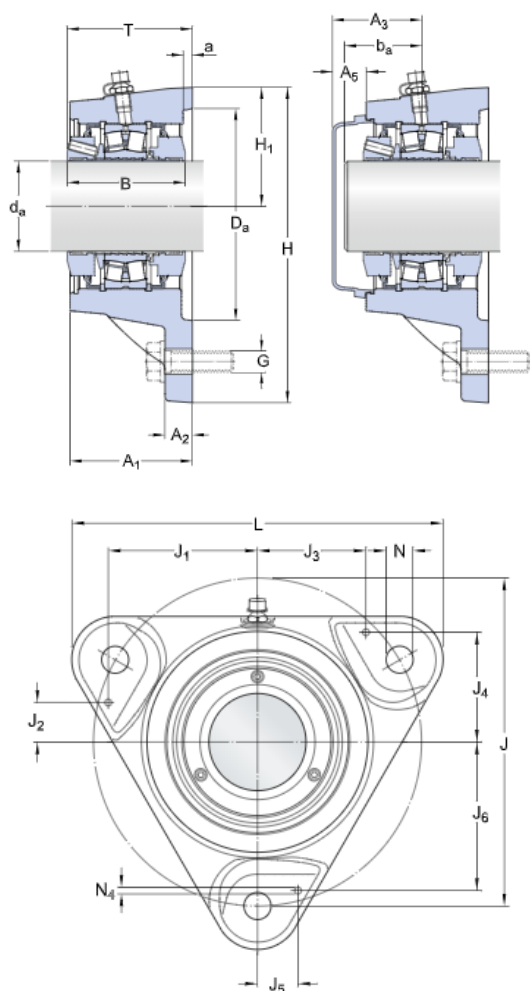




## FYNT 35 F

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

### SHAFT END

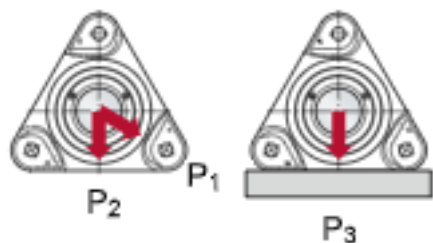
$A_3$	50 mm
$A_5$	22 mm
$b_a$	min. 34 mm
$b_a$	max. 43 mm

### 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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