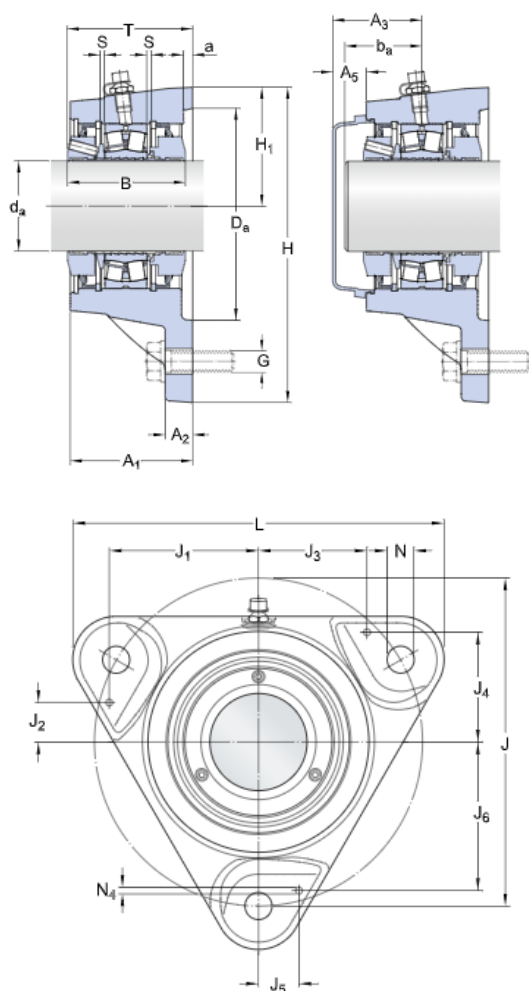




## FYNT 45 L

Roller bearing flanged units, for metric shafts

### Technical specification



### DIMENSIONS

$d_a$	45 mm
$A_1$	66 mm
$A_2$	15 mm
T	max. 72.5 mm
B	65 mm
H	160 mm
$H_1$	60 mm
J	160 mm
L	179 mm
$D_a$	100 mm
N	14 mm
a	5 mm
S	2.5 mm

### SHAFT END

$A_3$	52 mm
$A_5$	23 mm
$b_a$	min. 34 mm
$b_a$	max. 43 mm

## DOWEL PINS

$J_1$	71 mm
$J_2$	20 mm
$J_3$	53 mm
$J_4$	45.5 mm
$J_5$	18 mm
$J_6$	72 mm
$N_4$	max. 6 mm

## CALCULATION DATA

Basic dynamic load rating	C	102 kN
Basic static load rating	$C_0$	98 kN
Fatigue load limit	$P_u$	10.8 kN
Limiting speed		3 500 r/min
Calculation factor	e	0.26
Calculation factor	$Y_1$	2.6
Calculation factor	$Y_2$	3.9
Bearing mean diameter	$d_m$	65 mm
Basic bearing designation		22209 E

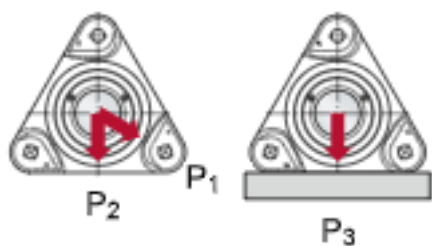
## LOAD CARRYING ABILITY

## BREAKING LOADS

$P_1$	100 kN
$P_2$	65 kN
$P_3$	105 kN

## AXIAL HOLDING POWER

$P_a$	15 kN
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## MASS

Mass bearing unit	3.9 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 209
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