



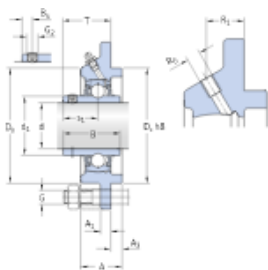
## FYC 35 TF

Round and triangular flanged ball bearing units

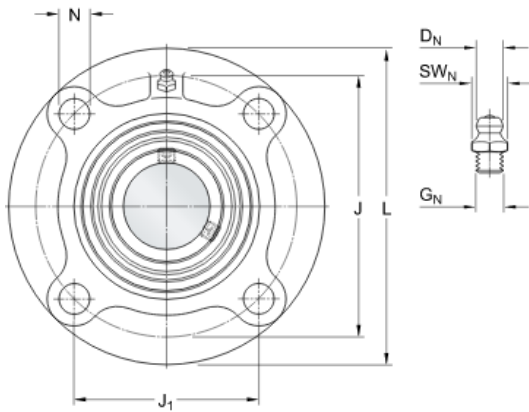
### Technical specification

Compliance with standard	JIS
Purpose specific	For material handling applications
Housing material	Cast iron
Sealing solution	Standard seals with additional flingers

### DIMENSIONS



d	35 mm
d <sub>1</sub>	≈ 46.1 mm
A	33.5 mm
A <sub>1</sub>	9 mm
A <sub>3</sub>	8 mm
B	42.9 mm
B <sub>1</sub>	42.9 mm
B <sub>4</sub>	6 mm
D <sub>b</sub>	90.1 mm
D <sub>c</sub>	90 mm
J	110 mm
J <sub>1</sub>	77.8 mm
L	135 mm



N	14 mm
$s_1$	25.4 mm
T	36.4 mm

#### THREADED HOLE

$R_G$	1/4-28 UNF
$R_1$	17 mm

#### GREASE FITTING

$D_N$	6.5 mm
$SW_N$	7 mm
$G_N$	1/4-28 SAE-LT

#### CALCULATION DATA

Basic dynamic load rating	C	25.5 kN
Basic static load rating	$C_0$	15.3 kN
Fatigue load limit	$P_u$	0.655 kN
Limiting speed		5300 r/min
with shaft tolerance h6		

#### MASS

Mass bearing unit	1.55 kg
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#### MOUNTING INFORMATION

Set screw	$G_2$	M6x0.75
Hexagonal key size for set screw	N	3 mm
Recommended tightening torque for set screw		4 N·m
Recommended diameter for attachment bolts, mm	G	12 mm

Recommended diameter for attachment bolts, inch

G

0.5 in

## INCLUDED PRODUCTS

Housing

FYC 507

Bearing

YAR 207-2F

## More information

Product details	Engineering information	Tools
<a href="#">Flanged units to ISO standards</a>	<a href="#">Principles of ball bearing units selection and application - Download catalogue (4.9 MB)</a>	<a href="#">Bearing Select</a>
<a href="#">Flanged units to North American standards</a>	<a href="#">Principles of selecting mounted bearing solutions</a>	<a href="#">Engineering Calculator</a>
<a href="#">Flanged units to Japanese Industrial Standards (JIS)</a>	<a href="#">Bearing failure and how to prevent it</a>	<a href="#">Rolling bearings mounting and dismounting instructions</a>
<a href="#">Flanged units, not standardized (SKF Food Line)</a>		
<a href="#">Ball bearing unit data</a>		
<a href="#">Loads</a>		
<a href="#">Temperature limits</a>		
<a href="#">Permissible speed</a>		
<a href="#">Lubrication</a>		
<a href="#">Mounting and dismounting</a>		
<a href="#">Designation system</a>		

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