

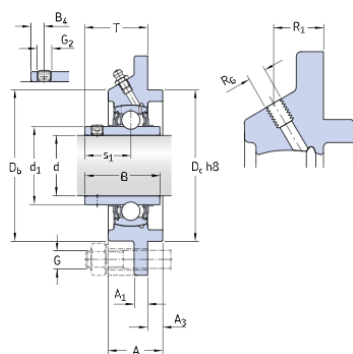
FYC 30 TF

Round and triangular flanged ball bearing units

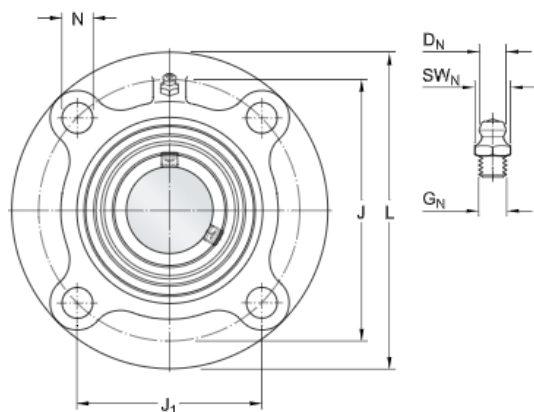
Technical specification

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

DIMENSIONS



d	30 mm
d ₁	≈ 39.7 mm
A	31 mm
A ₁	8 mm
A ₃	8 mm
B	38.1 mm
B ₄	5 mm
D _b	81.1 mm
D _c	80 mm
J	100 mm
J ₁	70.7 mm
L	125 mm
N	12 mm



s_1	22.2 mm
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T	32.2 mm
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THREADED HOLE

R_G	1/4-28 UNF
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R_1	16.5 mm
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GREASE FITTING

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

Basic dynamic load rating	C	19.5 kN
Basic static load rating	C_0	11.2 kN
Fatigue load limit	P_u	0.475 kN
Limiting speed		6 300 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	1.25 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	10 mm
Recommended diameter for attachment bolts, inch	G	0.375 in

INCLUDED PRODUCTS

Housing	FYC 506
Bearing	YAR 206-2F

More information

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

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