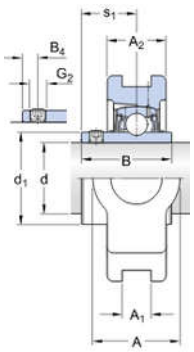


TUJ 60 TF

Take-up ball bearing units

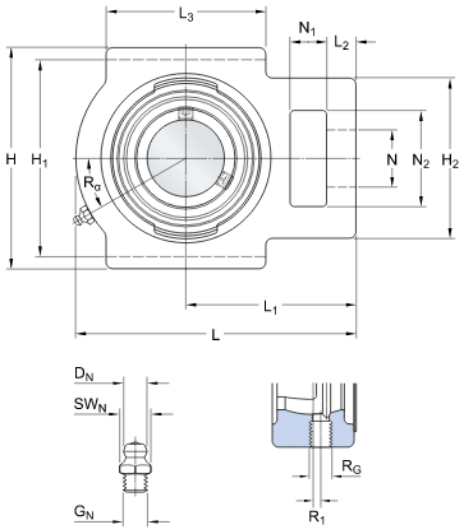
Technical specification

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



DIMENSIONS

d	60 mm
d_1	≈ 75.64 mm
A	60 mm
A_1	22 mm
A_2	44 mm
B	65.1 mm
B_1	65.1 mm
B_4	10 mm
H	146 mm
H_1	130 mm
H_2	102 mm
L	186 mm
L_1	118 mm



L_2	19 mm
L_3	100 mm
N	35 mm
N_1	32 mm
N_2	63.5 mm
s_1	39.7 mm

THREADED HOLE

R_G	1/4-28 UNF
R_1	5.5 mm
R_α	30 °

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	52.7 kN
Basic static load rating	C_0	36 kN
Fatigue load limit	P_u	1.53 kN
Limiting speed		3400 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	4.45 kg

MOUNTING INFORMATION

Set screw	G_2	M10x1
Hexagonal key size for set screw	N	5 mm
Recommended tightening torque for set screw		16.5 N·m

INCLUDED PRODUCTS

Housing	TUJ 512
Bearing	YAR 212-2F

More information

Product details

- Take-up units to ISO standards
- Take-up units to North American standards
- Take-up units to Japanese Industrial Standards (JIS)
- Take-up units, not standardized (SKF Food Line)
- Ball bearing unit data
- Loads
- Temperature limits
- Permissible speed
- Lubrication
- Mounting and dismounting
- Designation system

Engineering information

- Principles of ball bearing units selection and application - Download catalogue (4.9 MB)
- Principles of selecting mounted bearing solutions
- Bearing failure and how to prevent it

Tools

- Bearing Select
- Engineering Calculator
- Rolling bearings mounting and dismounting instructions

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