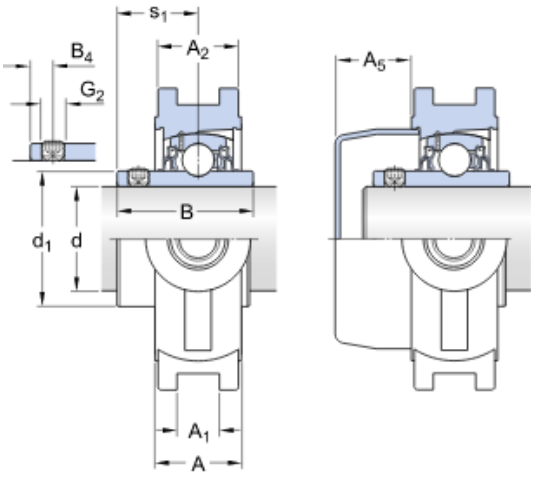
TUWK 30 LTHR

Take-up ball bearing units

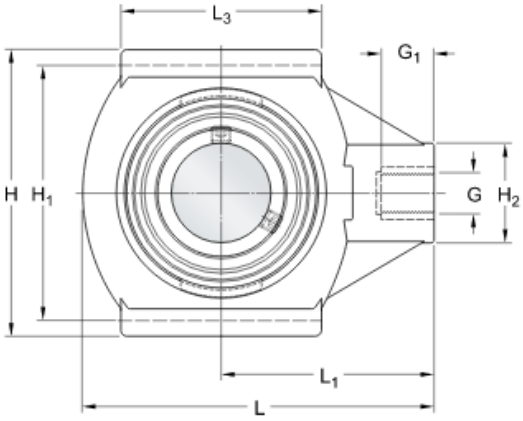
Technical specification

Compliance with standard	Not standardized
Purpose specific	For food and beverage applications
Housing material	Composite for the SKF Food Line
Sealing solution	Multiple seals



DIMENSIONS

d	30 mm
d_1	≈ 39.7 mm
A	34 mm
A_1	12 mm
A_2	30 mm
A_5	26.5 mm
B	38.1 mm
B_4	5 mm
H	102.5 mm
H_1	89 mm
H_2	40 mm
L	125 mm
L_1	76 mm



L_3	63.5 mm
G	M16
G_1	21 mm
s_1	22.2 mm

CALCULATION DATA

Basic dynamic load rating	C	16.3 kN
Basic static load rating	C_0	11.2 kN
Fatigue load limit	P_u	0.475 kN
Limiting speed		3800 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	0.62 kg

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

INCLUDED PRODUCTS

Housing	TUWK 506 L
Bearing	YAR 206-2RFGR/HV

ASSOCIATED PRODUCTS

End cover	ECL 206

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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