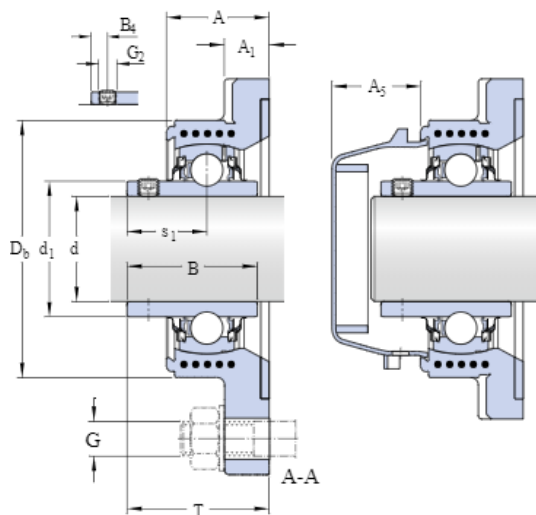


FYWK 35 YTH

Square flanged ball bearing units

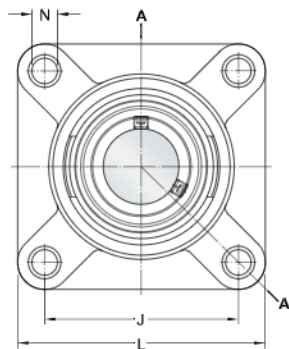
Technical specification

| | |
|--------------------------|------------------------------------|
| Compliance with standard | ISO |
| Purpose specific | For food and beverage applications |
| Housing material | Composite for the SKF Food Line |
| Sealing solution | Multiple seals |



DIMENSIONS

| | |
|----------------|-----------|
| d | 35 mm |
| d ₁ | ≈ 46.1 mm |
| A | 35 mm |
| A ₁ | 17 mm |
| A ₅ | 32 mm |
| B | 42.9 mm |
| B ₄ | 6 mm |
| D _b | 90 mm |
| J | 92 mm |
| L | 118 mm |
| N | 14.8 mm |
| s ₁ | 25.4 mm |
| T | 46.4 mm |



CALCULATION DATA

| | | |
|---------------------------|-------|-------------|
| Basic dynamic load rating | C | 21.6 kN |
| Basic static load rating | C_0 | 15.3 kN |
| Fatigue load limit | P_u | 0.655 kN |
| Limiting speed | | 3 200 r/min |
| with shaft tolerance h6 | | |

MASS

| | |
|-------------------|---------|
| Mass bearing unit | 0.75 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 |
| Recommended diameter for attachment bolts, mm | G | 12 mm |
| Recommended diameter for attachment bolts, inch | G | 0.5 in |

INCLUDED PRODUCTS

| | |
|---------|----------------|
| Housing | FYWK 507 Y |
| Bearing | YAR 207-2RF/HV |

ASSOCIATED PRODUCTS

End cover

ECW 207

More information

Product details

[Flanged units to ISO standards](#)[Flanged units to North American standards](#)[Flanged units to Japanese Industrial Standards \(JIS\)](#)[Flanged 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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