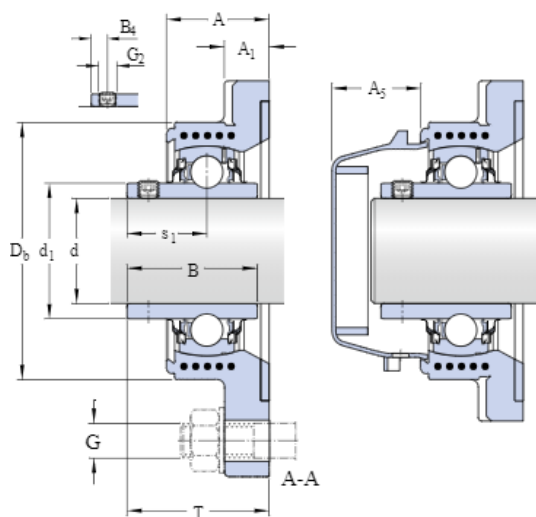


FYWK 20 YTA

Square flanged ball bearing units

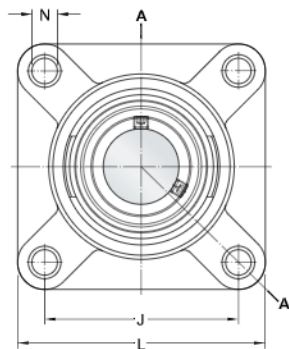
Technical specification

| | |
|--------------------------|------------------------------------|
| 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 | 20 mm |
| d ₁ | ≈ 28.2 mm |
| A | 30 mm |
| A ₁ | 15 mm |
| A ₅ | 26 mm |
| B | 31 mm |
| B ₄ | 4.5 mm |
| D _b | 59 mm |
| J | 63.5 mm |
| L | 86 mm |
| N | 12.3 mm |
| s ₁ | 18.3 mm |
| T | 37.3 mm |



CALCULATION DATA

| | | |
|---------------------------|-------|-------------|
| Basic dynamic load rating | C | 12.7 kN |
| Basic static load rating | C_0 | 6.55 kN |
| Fatigue load limit | P_u | 0.28 kN |
| Limiting speed | | 5 000 r/min |
| with shaft tolerance h6 | | |

MASS

| | |
|-------------------|--------|
| Mass bearing unit | 0.3 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 | 10 mm |
| Recommended diameter for attachment bolts, inch | G | 0.375 in |

INCLUDED PRODUCTS

| | |
|---------|-------------------|
| Housing | FYWK 504 Y |
| Bearing | YAR 204-2RF/VE495 |

ASSOCIATED PRODUCTS

End cover

ECW 204

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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