

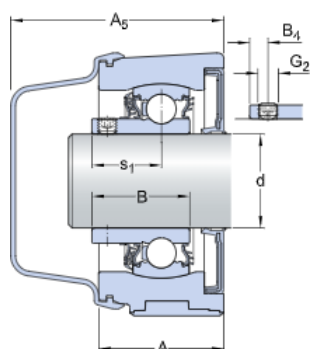
P2BTC 20M-CPSS-DFH

Short base pillow block ball bearing units

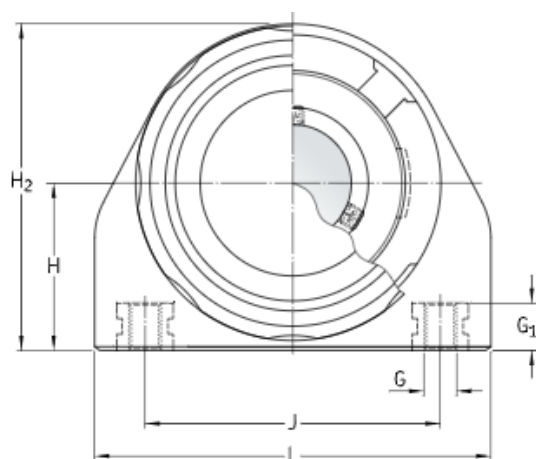
Technical specification

| | |
|--------------------------|------------------------------------|
| Compliance with standard | Not standardized |
| Purpose specific | For food and beverage applications |
| Housing material | Composite for the SKF Food Line |
| Sealing solution | Gutter seals and back seal |

DIMENSIONS



| | |
|----------------|---------|
| d | 20 mm |
| A | 36 mm |
| A ₅ | 63.1 mm |
| B | 25.3 mm |
| B ₄ | 4.5 mm |
| H | 33.3 mm |
| H ₂ | 64.6 mm |
| J | 51 mm |
| L | 75 mm |
| s ₁ | 18.3 mm |



CALCULATION DATA

| | | |
|---------------------------|----------------|-----------|
| Basic dynamic load rating | C | 10.8 kN |
| Basic static load rating | C ₀ | 6.55 kN |
| Fatigue load limit | P _u | 0.28 kN |
| Limiting speed | | 700 r/min |
| with shaft tolerance h6 | | |

MASS

| | |
|-------------------|---------|
| Mass bearing unit | 0.27 kg |
|-------------------|---------|

MOUNTING INFORMATION

| | | |
|---|----------------|---------|
| Thread for attachment bolts | G | M8 |
| Thread length | G ₁ | 12 mm |
| 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 | P2BTC 504MM |
| Bearing | YAS 204-2LP1W/SS |

End cover

ECB 504

Back seal

ECS 504-20M

More information

Product details

[Pillow block units to ISO standards](#)[Pillow block units to North American standards](#)[Pillow block units to Japanese Industrial Standards \(JIS\)](#)[Pillow block units, not standardized \(incl. SKF Food Line\)](#)[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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