

# PRM 303440 Wrapped bronze

## straight bushing

### Wrapped bronze straight bushing



SKF wrapped bronze straight (cylindrical) bushings are suitable for oscillating, rotating and linear movements, and can accommodate radial loads. They are an excellent solution for dirty environments where high levels of contamination make relubrication necessary. Their sliding surface has diamond-shaped pockets that serve as reservoirs to progressively release lubricant during operation.

- Insensitive to dirty environments
- Resistant to impact loads and vibrations at slow speeds
- Good corrosion resistance

## Overview

### Dimensions

|                  |       |
|------------------|-------|
| Bore diameter    | 30 mm |
| Outside diameter | 34 mm |
| Width            | 40 mm |

## Properties

|                       |                |
|-----------------------|----------------|
| Design                | Straight       |
| Material              | Wrapped bronze |
| Relubrication feature | Without        |

## Technical Specification

|                       |                |
|-----------------------|----------------|
| Material              | Wrapped bronze |
| Operating temperature | min. -40 °C    |
| Operating temperature | max. 150 °C    |

### Dimensions

|   |       |                  |
|---|-------|------------------|
| d | 30 mm | Bore diameter    |
| D | 34 mm | Outside diameter |
| B | 40 mm | Width            |



### Recommended fits

|                   |    |
|-------------------|----|
| Tolerance shaft   | f7 |
| Tolerance housing | H7 |

### Calculation data

|                              |                |                       |
|------------------------------|----------------|-----------------------|
| Specific dynamic load factor | K              | 40 N/mm <sup>2</sup>  |
| Specific static load factor  | K <sub>0</sub> | 120 N/mm <sup>2</sup> |
| Permissible sliding velocity | v              | max. 1 m/s            |
| Coefficient of friction      | μ              | min. 0.08             |
| Coefficient of friction      | μ              | max. 0.15             |

### Mass

Mass bushing

0.069 kg

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