

PCM 303430 E Bushings

Bushings

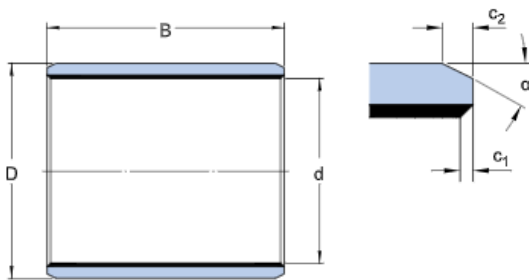
Bushing data
[Tolerances,](#)
[Operating clearance](#)

Design of bushing
 arrangements
[Shaft and housing tolerances](#)

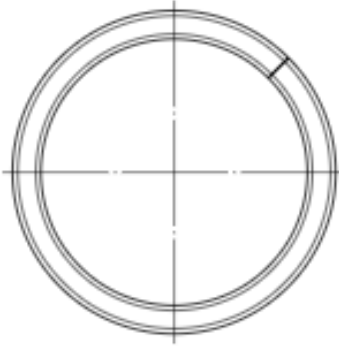
Technical specification

| | |
|-----------------------|----------------|
| Material | PTFE composite |
| Operating temperature | min. -200 °C |
| Operating temperature | max. 250 °C |

DIMENSIONS



| | |
|----------------|-------------|
| d | 30 mm |
| D | 34 mm |
| B | 30 mm |
| c ₁ | min. 0.1 mm |
| c ₁ | max. 0.7 mm |
| c ₂ | min. 0.8 mm |
| c ₂ | max. 1.6 mm |
| α | (±8°) 20 ° |



RECOMMENDED FITS

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

CALCULATION DATA

| | | |
|---|-------|------------|
| Basic dynamic load rating - radial direction | C | 69.5 kN |
| Basic static load rating - radial direction | C_0 | 220 kN |
| Specific dynamic load factor | K | 80 N/mm |
| Specific static load factor | K_0 | 250 N/mm |
| Factor depending on material and bearing type | K_M | 480 |
| Permissible sliding velocity | v | max. 2 m/s |
| Coefficient of friction | μ | min. 0.03 |
| Coefficient of friction | μ | max. 0.25 |

MASS

| | |
|--------------|----------|
| Mass bushing | 0.045 kg |
|--------------|----------|

More information

| Product details | Engineering information | Tools |
|---|---|--|
| Designs and variants <hr/> Bushing data <hr/> Design of bushing arrangements <hr/> Designation system <hr/> | Principles of selection and application <hr/> | SKF Bearing Calculator <hr/> |

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