

PCM 505540 E

Dimensions



| | | | |
|----------------|------|-----|----|
| d | | 50 | mm |
| D | | 55 | mm |
| B | | 40 | mm |
| c ₁ | min. | 0.2 | mm |
| c ₁ | max. | 1 | mm |
| c ₂ | min. | 1.2 | mm |
| c ₂ | max. | 2.4 | mm |
| α | ±8 | 20 | ° |

Recommended fits

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

Calculation data

| | | | |
|---|----------------|-----------|-------------------|
| Basic dynamic load rating - radial direction | C | 156 | kN |
| Basic static load rating - radial direction | C | 490 | kN |
| Specific dynamic load factor | K | 80 | N/mm ² |
| Specific static load factor | K | 250 | N/mm ² |
| Factor depending on material and bearing type | K _M | 480 | |
| Permissible sliding velocity | v | min. 0 | m/s |
| 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 | 0.13 | kg |
|--------------|------|----|