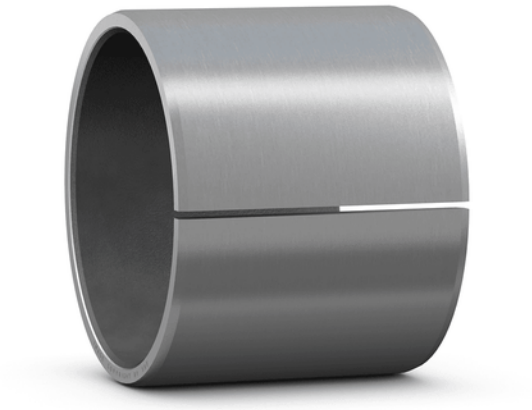


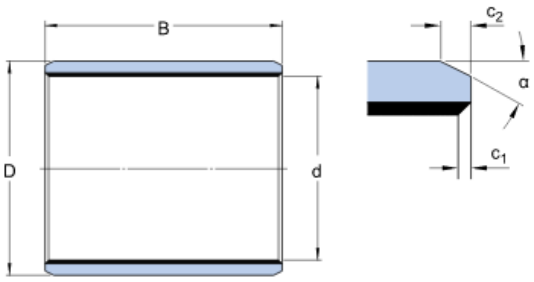
PCM 11512050 E

Bushings

Bushing data
Tolerances,
Operating clearance

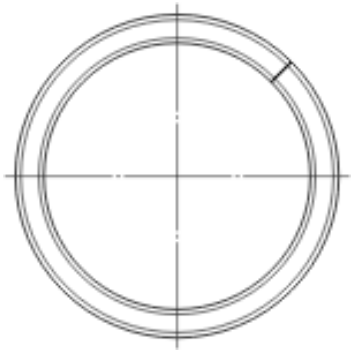
Design of bushing arrangements
Shaft and housing tolerances

Technical specification



DIMENSIONS

d	115 mm
D	120 mm
B	50 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	h8
Tolerance housing	H7

CALCULATION DATA

Basic dynamic load rating - radial direction	C	450 kN
Basic static load rating - radial direction	C_0	1400 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	min. 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	0.34 kg

More information

Product details

- Designs and variants
- Bushing data
- Design of bushing arrangements
- Designation system

Engineering information

- Principles of selection and application

Tools

- SKF Bearing Calculator

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