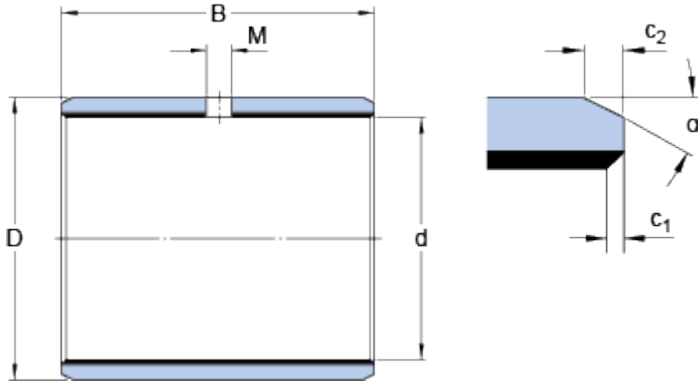


PCM 505530 M

Dimensions



d		50	mm
D		55	mm
B		30	mm
M		5	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	$^\circ$

Recommended fits

Tolerance shaft		h8
Tolerance housing		H7

Calculation data

Basic dynamic load rating - radial direction	C	176	kN
Basic static load rating - radial direction	C	365	kN
Specific dynamic load factor	K	120	N/mm ²
Specific static load factor	K	250	N/mm ²
Factor depending on material and bearing type	K_M	1900	
Permissible sliding velocity	v	min. 0	m/s
Permissible sliding velocity	v	max. 2.5	m/s
Coefficient of friction	μ	min. 0.02	
Coefficient of friction	μ	max. 0.2	

Mass

Mass bushing	0.086	kg
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