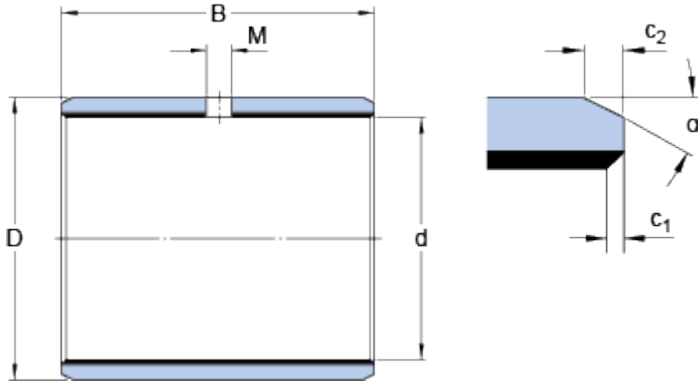


# PCM 505540 M

## Dimensions



$d$		50	mm
$D$		55	mm
$B$		40	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
$\alpha$	$\pm 8$	20	$^\circ$

## Recommended fits

Tolerance shaft		h8
Tolerance housing		H7

## Calculation data

Basic dynamic load rating - radial direction	C	236	kN
Basic static load rating - radial direction	C	490	kN
Specific dynamic load factor	K	120	N/mm <sup>2</sup>
Specific static load factor	K	250	N/mm <sup>2</sup>
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	$\mu$	min. 0.02	
Coefficient of friction	$\mu$	max. 0.2	

## Mass

Mass bushing	0.12	kg
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