

DATASHEET



Male bearing, KM1-MB-ZrO2

The male bearing is designed with a stainless steel holder and a ceramic bearing in Zirconium oxide

Male bearing

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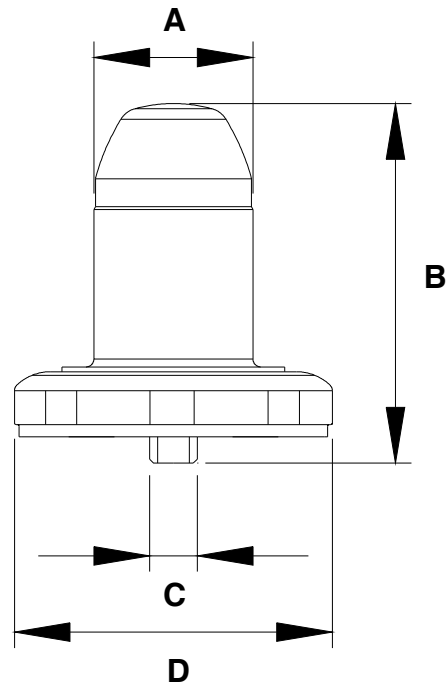
Instruction is subject to change without notice.

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General Measurements [mm]

A	[Bearing diameter]	20
B	[Total height]	44
C	[Thread dimension]	M6
D	[Foot grip]	40



Mechanical Specifications

	Foot and top	Ceram
Material grade	EN 1.4435/ASTM 316L,	Zirconium Oxide (ZrO2)
Material requirement	EN 10 272/10028-7, A479/A240 or SA479 SA240	
Documentation	Heat Certificate 3.1 acc. to EN 10 204 for stainless steel parts Conformity certificate 2.1 on ceram and o-ring	
Surface finish	Ra ≤ 0.5 µm on surfaces in product contact	
Design Temperature	[0°C to +135°C] [+32°F to +275°F]	
Design Pressure	[-1 bar(g) to + 7 bar(g)] [-14.5 psi to +101.5 psi]	
pH range	1-14	
Marking	Each bearing is marked with material grade and id no	
Packing	Each item is sealed in vacuum plastic bag, labelled with art. number and packed in a box	
Male bearing sealing	EPDM or Silicone, approved acc. FDA regulation CFR 177.2600, USP Class VI	
Quality Assurance	Each product is controlled and tested acc. to Kest Technology quality assurance system	
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