

Specification Sheet

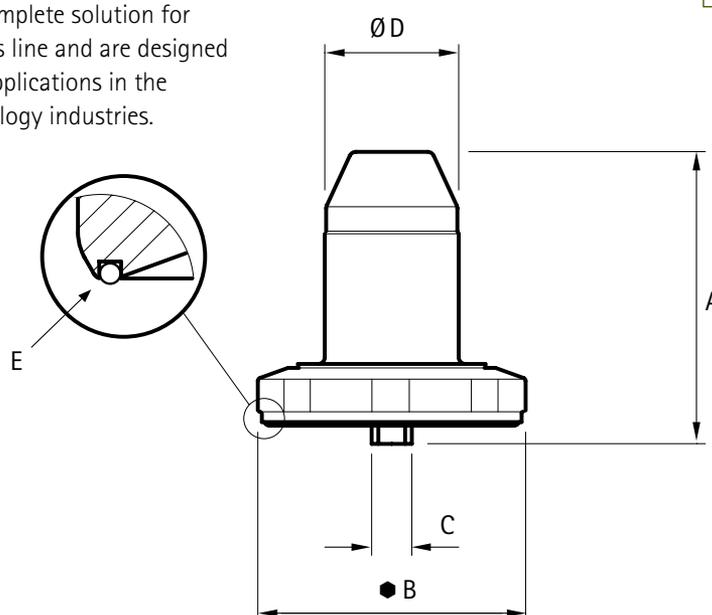
NovAseptic[®] Mixer, Male Bearing, GMC

Product Description

NovAseptic[®] mixers offer a complete solution for mixing throughout the process line and are designed for a wide variety of mixing applications in the pharmaceutical and biotechnology industries.

Catalogue Number:

GMC#/ 22 or 24



Catalogue No. Structure

GMC

Mixer

#

Size

/

22 = manually polished 24 = manually polished
22EP = manually and 24EP = manually and
electro polished electro polished

Nominal Dimensions in mm (in.)

Catalogue No.	A	B	C	D	E	Compatible Mixer
GMC75/22	41 (1.59)	N/A	M6 F	20 (0.79)	23 x 3 (0.90 x 0.118)	GMC75
GMC75/22EP	41 (1.59)	N/A	M6 F	20 (0.79)	23 x 3 (0.90 x 0.118)	GMC75
GMC100/24	40 (1.56)	39 (1.53)	M6 F	20 (0.79)	34.65 x 1.78 (1.364 x 0.070)	GMC100, 130, 140
GMC100/24EP	40 (1.56)	39 (1.53)	M6 F	20 (0.79)	34.65 x 1.78 (1.364 x 0.070)	GMC100, 130, 140
GMC150/24	47 (1.85)	39 (1.53)	M12	20 (0.79)	34.65 x 1.78 (1.364 x 0.070)	GMC150,
GMC150/24EP	47 (1.85)	39 (1.53)	M12	20 (0.79)	34.65 x 1.78 (1.364 x 0.070)	GMC150
GMC200/24	70 (2.75)	52 (2.05)	M12 F	30 (1.18)	47.35 x 1.78 (1.864 x 0.070)	GMC200
GMC200/24EP	70 (2.75)	52 (2.05)	M12 F	30 (1.18)	47.35 x 1.78 (1.864 x 0.070)	GMC200
GMC275/24	79 (3.11)	62 (2.44)	M16	30 (1.18)	47.35 x 1.78 (1.864 x 0.070)	GMC275
GMC275/24EP	79 (3.11)	62 (2.44)	M16	30 (1.18)	47.35 x 1.78 (1.864 x 0.070)	GMC275

Specifications

Net Weight (approximate)					
Male Bearing	GMC 75/22	GMC100/24	GMC150/24	GMC200/24	GMC275/24
Weight kg (lb)	0.08 (0.17)	0.10 (0.21)	0.10 (0.19)	0.29 (0.63)	0.30 (0.66)

Material				
	Bar		Male Bearing	O-Ring
	Stainless Steel in Compliance with:			
Material Code	AISI 316L	EN 1.4435	Ceramic SiC (SsiC)	EPDM

O-Ring (included)			
Male Bearing	GMC75/22	GMC100/24 & GMC150/24	GMC200/24 & GMC275/24
O-ring (EPDM)	GMC75/220	GM520/220	GM100300/220

Spare Parts (not included)			
Male Bearing	GMC75/22	GMC100/24 & GMC150/24	GMC200/24 & GMC275/24
O-ring (Silicone)	N/A	GM520/221	GM100300/221
O-ring (PTFE coated Silicone)	N/A	GM520/221T	GM100300/221T

Additional Information	
Surface Roughness	Surface Ra ≤0.5 μm (20 μin) (Optional Ra ≤0.25 μm (10 μin))
Surface Treatment	Manually polished and/or electro polished. No polishing compounds of animal origin used.
Operating Temperature*	5 to 135 °C (41 to 275 °F)
pH Range	1–14
Labeling	Each male bearing is individually labeled for full traceability according to QA procedures.
Packaging	The male bearing is packaged in a closed box.
Quality Control	Our Quality Assurance system ensure the quality and traceability at all stages of the process. All EPDM O-rings are in compliance with FDA regulations §177.2600 and USP Biological Tests for Plastics, Class VI. Supplied with statement.
Options	For non-standard NovAseptic® mixer options, please contact your local representative for additional information.

*Note: The assembled NovAseptic® Mixer may have different design temperature and/or pressure limits. The weakest part in the assembled product determines the maximum design temperature and pressure limits.



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Specifications subject to change without notice.
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