Millipore®

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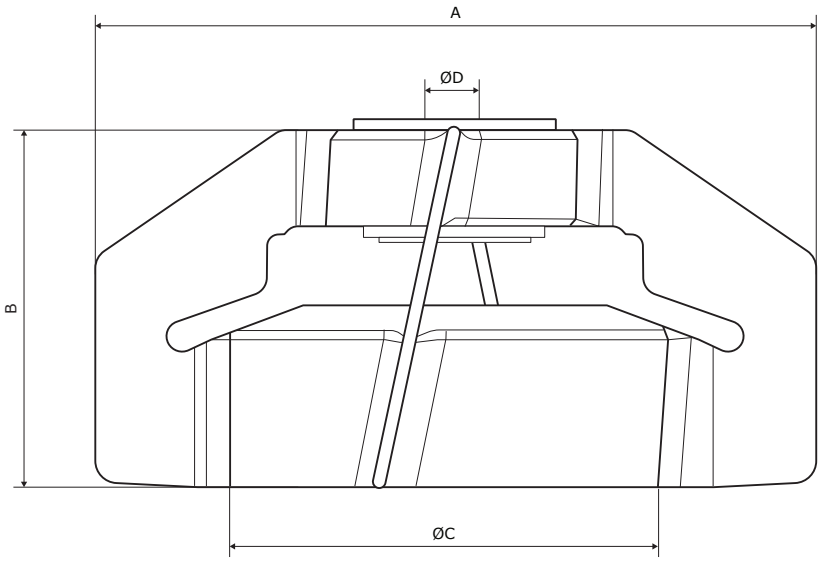
Catalogue Number: GM#/15-322
GM#/15-326

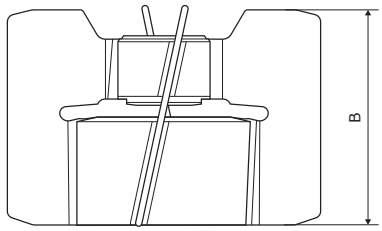
Specification Sheet

NovAseptic® Mixer, Mixing Head, with Exchangeable Bearing, GMP

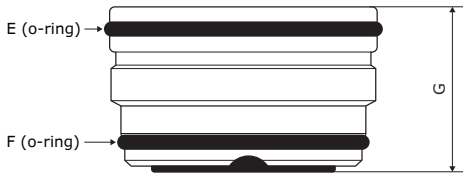
Product Description

The 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.





GM50/15 - GM300/15



Catalogue Number Structure

GM	#	/	15	–	#	#	#
Mixer	Size Range		Exchangeable Bearing		Material code 3: EN 1.4435 (316L)	Material code 2: Grinded and Electro-Polishing to Ra 0.38µm	Material code 2: Silicone Carbide (SIC) 6: Silicone Carbide (SIC) w/ Diamond Coating UNDC

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Nominal Dimensions in mm (in.)

Catalogue No.	A	B	C	D	E	F	G	Compatible Mixer
GM05/15-322 GM05/15-326	96 (3.78)	52 (2.05)	34 (1.34)	12 (0.47)	26.70 x 1.78 (1.051 x 0.070)	23.52 x 1.78 (0.925 x 0.070)	17.8 (0.7)	GMP50
GM1/15-322 GM1/15-326	120 (4.72)	53 (2.09)	56 (2.2)	12 (0.47)	26.70 x 1.78 (1.051 x 0.070)	23.52 x 1.78 (0.925 x 0.070)	17.8 (0.7)	GMP100
GM5/15-322 GM5/15-326	142 (5.59)	71 (2.8)	56 (2.2)	20 (0.79)	37.82 x 1.78 (1.488 x 0.070)	33.05 x 1.78 (1.301 x 0.070)	23.9 (0.94)	GMP500
GM10/15-322 GM10/15-326	160 (6.3)	71 (2.8)	64 (2.52)	20 (0.79)	37.82 x 1.78 (1.488 x 0.070)	33.05 x 1.78 (1.301 x 0.070)	23.9 (0.94)	GMP1000
GM20/15-322 GM20/15-326	184 (7.24)	73 (2.87)	87 (3.43)	20 (0.79)	37.82 x 1.78 (1.488 x 0.070)	33.05 x 1.78 (1.301 x 0.070)	23.9 (0.94)	GMP2000
GM50/15-322 GM50/15-326	192 (7.56)	115 (4.53)	106 (4.17)	30 (1.18)	53.64 x 2.62 (2.111 x 0.103)	47.29 x 2.62 (1.861 x 0.103)	47.1 (1.85)	GMP5000
GM100/15-322 GM100/15-326	220 (8.86)	150 (5.91)	87 (3.43)	30 (1.18)	53.64 x 2.62 (2.111 x 0.103)	47.29 x 2.62 (1.861 x 0.103)	47.1 (1.85)	GMP10000
GM200/15-322 GM200/15-326	273 (10.75)	130 (5.12)	170 (6.69)	30 (1.18)	53.64 x 2.62 (2.111 x 0.103)	47.29 x 2.62 (1.861 x 0.103)	47.1 (1.85)	GMP20000
GM300/15-322 GM300/15-326	365 (14.37)	155 (6.1)	169 (6.65)	30 (1.18)	53.64 x 2.62 (2.111 x 0.103)	47.29 x 2.62 (1.861 x 0.103)	47.1 (1.85)	GMP30000

Specifications

Net Weight (approximate)									
Mixing Head	**GM05/15**	**GM1/15**	**GM5/15**	**GM10/15**	**GM20/15**	**GM50/15**	**GM100/15**	**GM200/15**	**GM300/15**
Weight kg (lb)	0.5 (1.1)	0.9 (2.0)	1.3 (2.87)	1.7 (3.75)	1.8 (3.97)	3.4 (7.50)	5.1 (11.2)	6.7 (14.8)	9.7 (21.4)

Material						
	Bar Stainless steel in compliance with		**Plate** Stainless steel in compliance with		**Female Bearing**	**O-ring**
Material Code	316L	EN 1.4435	316L	EN 1.4435	2: Ceramic SiC (SsiC) or 6: Ceramic SiC (SsiC) w/Diamond UNCD® Coated	EPDM

Specifications	
Surface Roughness	Surface Ra ≤ 0.38 µm (15 µin)
Surface Treatment*	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 mixing head is individually labeled for full traceability according to Our QA procedures.
Packaging	The mixing head is packaged in a closed box.
Quality Control	Our Quality Assurance system ensures the quality and traceability at all stages of the process.
Options	For non-standard NovAseptic® mixer options, please contact your local representative for further 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.

Technical Assistance

For more information, please visit **SigmaAldrich.com**
for up-to-date worldwide contact information

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Lit No. SP1011EN00 Ver. 4
31190
07/2020