

Specification Sheet

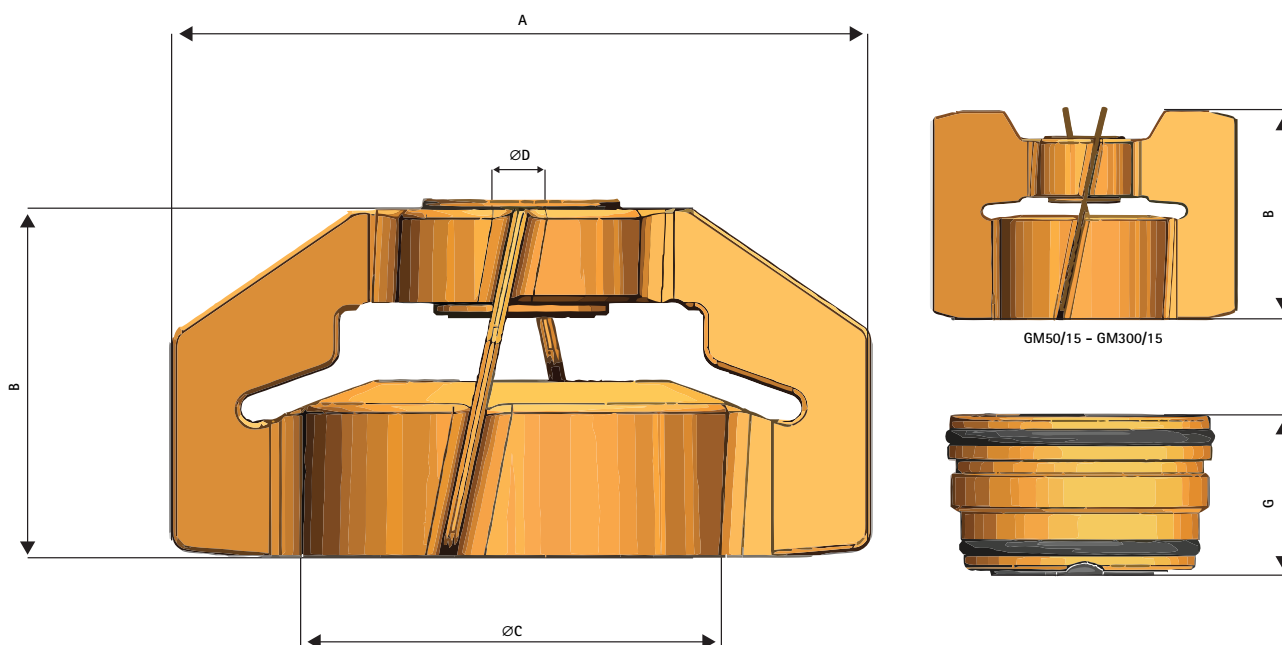
NovAseptic® Mixer, Mixing Head, with Exchangeable Bearing, GMP

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.

Catalogue Number:

GM#/15-312
GM#/15-322
GM#/15-316
GM#/15-326



Catalogue No. Structure

GM	#	/	15	-	#	#	#
Mixer	Size		15: exchangeable bearing		Material code	Surface finish	Bearing Material
					3: EN 1.4435 (316L)	1: Grinded and polishing to Ra 0.5µm 2: Grinded and Electro-Polish- ing to Ra 0.5µm	2: Silicone Carbide (SiC) 6: Silicone Carbide (SiC) w/ Diamond Coating UNDC

Nominal Dimensions in mm (in.)

Catalogue No.	A	B	C	D	E	F	G	Compatible Mixer
GM05/15-312 GM05/15-316	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)	17.80 (0.70)	GMP50
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)	17.80 (0.70)	GMP50
GM1/15-312 GM1/15-316	120 (4.72)	53 (2.09)	56 (2.20)	12 (0.47)	26.70 x 1.78 (1.051 x 0.070)	23.52 x 1.78 (0.925 x 0.070)	17.80 (0.70)	GMP100
GM1/15-322 GM1/15-326	120 (4.72)	53 (2.09)	56 (2.20)	12 (0.47)	26.70 x 1.78 (1.051 x 0.070)	23.52 x 1.78 (0.925 x 0.070)	17.80 (0.70)	GMP100
GM5/15-312 GM5/15-316	142 (5.59)	71 (2.80)	56 (2.20)	20 (0.79)	37.82 x 1.78 (1.488 x 0.070)	33.05 x 1.78 (1.301 x 0.070)	23.90 (0.94)	GMP500
GM5/15-322 GM5/15-326	142 (5.59)	71 (2.80)	56 (2.20)	20 (0.79)	37.82 x 1.78 (1.488 x 0.070)	33.05 x 1.78 (1.301 x 0.070)	23.90 (0.94)	GMP500
GM10/15-312 GM10/15-316	160 (6.30)	71 (2.80)	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)	23.90 (0.94)	GMP1000
GM10/15-322 GM10/15-326	160 (6.30)	71 (2.80)	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)	23.90 (0.94)	GMP1000
GM20/15-312 GM20/15-316	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)	23.90 (0.94)	GMP2000
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)	23.90 (0.94)	GMP2000
GM50/15-312 GM50/15-316	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)	47.10 (1.85)	GMP5000
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)	47.10 (1.85)	GMP5000
GM100/15-312 GM100/15-316	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)	47.10 (1.85)	GMP10000
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)	47.10 (1.85)	GMP10000
GM200/15-312 GM200/15-316	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)	47.10 (1.85)	GMP20000
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)	47.10 (1.85)	GMP20000
GM300/15-312 GM300/15-316	365 (14.37)	155 (6.10)	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)	47.10 (1.85)	GMP30000
GM300/15-322 GM300/15-326	365 (14.37)	155 (6.10)	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)	47.10 (1.85)	GMP30000

Specifications

Net Weight (approximate)

Mixing Head	GM 05/15	GM 1/15	GM 5/15	GM 10/15	GM 20/15	GM 50/15	GM 100/15	GM 200/15	GM 300/15
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

Additional Information

Surface Roughness	Surface Ra ≤ 0.5 μm (20 μin) (Optional Ra ≤ 0.25 μm (10 μin))
Surface Treatment	Manually polished or manually polished and 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.





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