

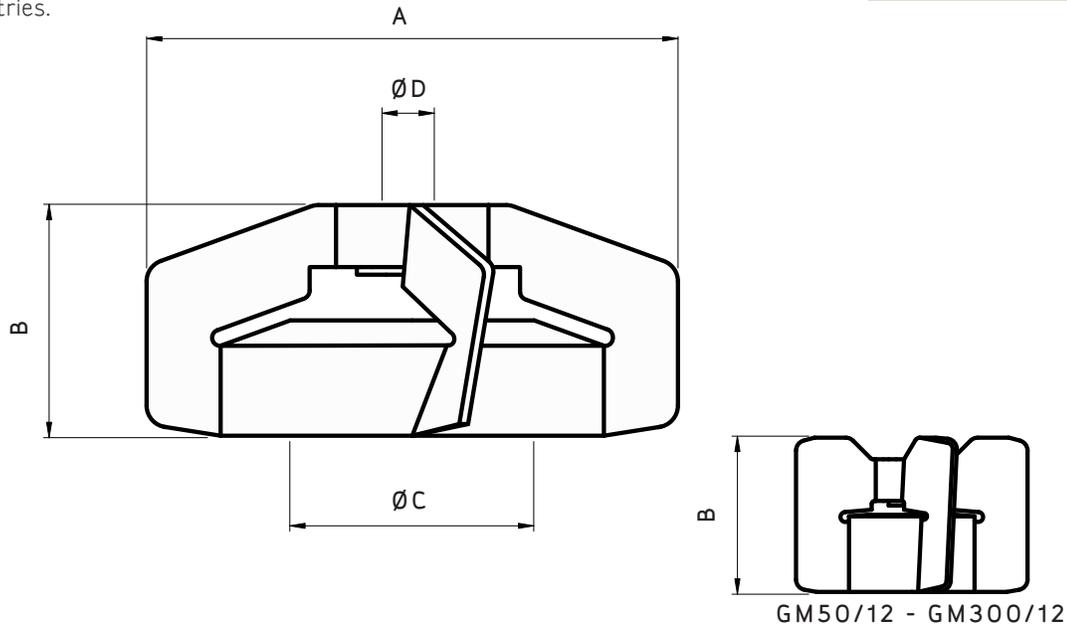
# NovAseptic® MIXER, MIXING HEAD, GMP

## 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 Numbers:

GM#/12
GM#/120



GM50/12 - GM300/12

### Catalogue Number Structure

GM	#	/	12#
Mixer	Size		12 and 120 Manually Polished 12EP and 120EP Manually Polished and Electro Polished

## Nominal Dimensions in mm (in.)

Catalogue Number	A	B	C	D	Compatible Mixer
GM05/12	96 (3.78)	52 (2.05)	34 (1.34)	12 (0.47)	GMP50
GM05/12EP	96 (3.78)	52 (2.05)	34 (1.34)	12 (0.47)	GMP50
GM1/12	120 (4.72)	53 (2.09)	56 (2.20)	12 (0.47)	GMP100
GM1/12EP	120 (4.72)	53 (2.09)	56 (2.20)	12 (0.47)	GMP100

<i>Catalogue Number</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>Compatible Mixer</i>
GM5/120	142 (5.59)	71 (2.80)	56 (2.20)	20 (0.79)	GMP500
GM5/120EP	142 (5.59)	71 (2.80)	56 (2.20)	20 (0.79)	GMP500
GM10/120	160 (6.30)	71 (2.80)	64 (2.52)	20 (0.79)	GMP1000
GM10/120EP	160 (6.30)	71 (2.80)	64 (2.52)	20 (0.79)	GMP1000
GM20/12	184 (7.24)	73 (2.87)	87 (3.43)	20 (0.79)	GMP2000
GM20/12EP	184 (7.24)	73 (2.87)	87 (3.43)	20 (0.79)	GMP2000
GM50/12	192 (7.56)	115 (4.53)	106 (4.17)	30 (1.18)	GMP5000
GM50/12EP	192 (7.56)	115 (4.53)	106 (4.17)	30 (1.18)	GMP5000
GM100/12	220 (8.66)	150 (5.91)	87 (3.43)	30 (1.18)	GMP10000
GM100/12EP	220 (8.66)	150 (5.91)	87 (3.43)	30 (1.18)	GMP10000
GM200/12	273 (10.75)	130 (5.12)	170 (6.69)	30 (1.18)	GMP20000
GM200/12EP	273 (10.75)	130 (5.12)	170 (6.69)	30 (1.18)	GMP20000
GM300/12	365 (14.37)	155 (6.10)	169 (6.65)	30 (1.18)	GMP30000
GM300/12EP	365 (14.37)	155 (6.10)	169 (6.65)	30 (1.18)	GMP30000

## Specifications

### Net Weight (approximate)

Mixing Head	GM05/12	GM1/12	GM5/120	GM10/120	GM20/12	GM50/12	GM100/12	GM200/12	GM300/12
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
Material Code	316L	EN 1.4435	316L	EN 1.4435	Ceramic SiC (SsiC)

### Additional Information

Surface Roughness:	Surface Ra $\leq$ 0.5 $\mu\text{m}$ (20 $\mu\text{in}$ ) (Optional Ra $\leq$ 0.25 $\mu\text{m}$ (10 $\mu\text{in}$ ))
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 Millipore QA procedures.
Packaging:	The Mixing Head is packaged in a closed box.
Quality Control:	Millipore Quality Assurance system ensure the quality and traceability at all stages of the process.
Options:	For non-standard NovAseptic Mixer Options, please contact Millipore for 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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 Lit. No. SP1169EN00 Rev. A 06/2008.  
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