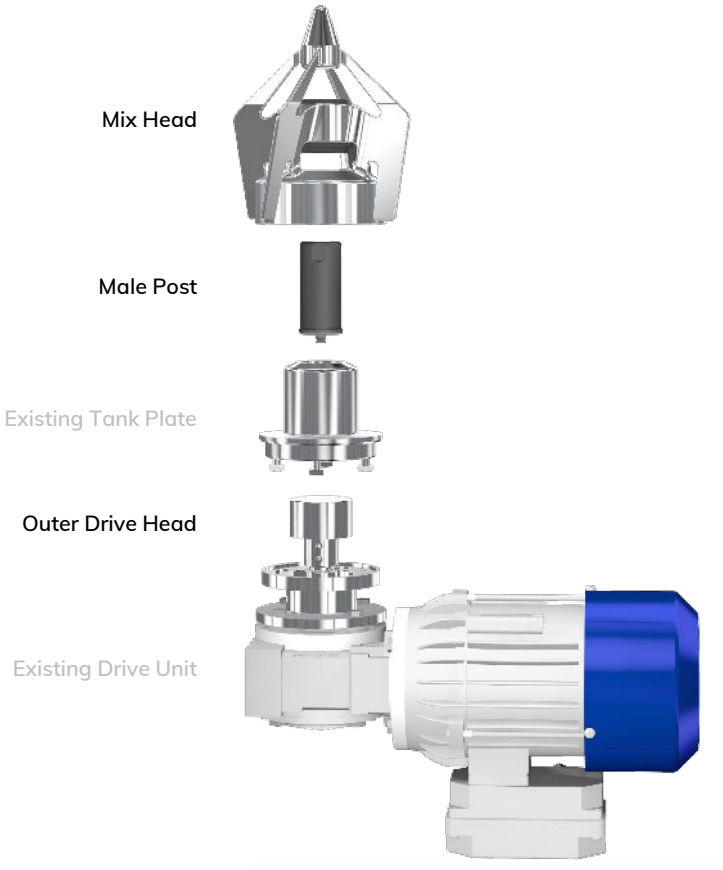
Technology Upgrade

Retrofit Steridose

General Mixing Applications

Upgrade your existing technology to the innovative Metenova platform without cutting or welding. The Technology Upgrade is an easy solution to transform your vessel with the market leading technology.



General information

Material	*Mix Head*	Stainless Steel ASME TP 316L acc. to SA-479 & EN 1.4404 acc. to EN 10272 (Other materials are available upon request)
	Female Sleeve and Male Post	Silicon Carbide (SSiC); FDA CFR21 & USP class VI and Stainless Steel EN 1.4404 / ASME 316L (Other steel materials are available upon request)
Inspection Certificate		EN 10204 type 3.1 (Valid for Mix Head and MalePost)
O-rings		EPDM; FDA CFR21 §177.2600 & USP class VI (Other materials are available upon request)
Surface Roughness		Ra ≤ 0.38 µm (15 µin)
Surface Treatment		Electro polished Mix Head. Non animal origin polishing compounds are used.
Operating Temperature		0°C - 150°C (32°F - 302°F)
pH Range		1 – 14 (SSiC)
Packing and Marking		Items are individually packed and for traceability purposes marked with item & id no.
Quality Assurance		Metenova Quality Assurance system ensures the quality and traceability at all stages of the process.

Metenova®
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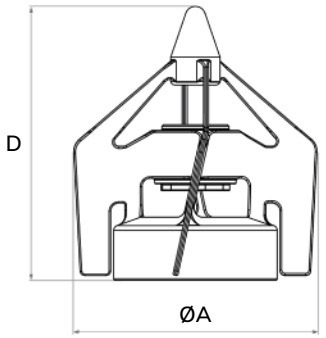



Components

Model	Metenova Mix Head	ØA mm (in)	D mm (in)	Metenova Male Post	Metenova Outer Drive Head	Max speed (rpm)
SMO						
SMO85/100	TU00509-03502	114 (4.49)	162 (6.38)	TU00507-00382	TU00505-3013110	450
SMO85/140	TU00509-3013104	145 (5.71)	155 (6.10)	TU00507-00382	TU00505-3013110	450
SMO120/150	TU00509-3013086	163 (6.42)	181 (7.13)	TU00507-00384	TU00505-3012500	450
SMO120/190	TU00509-3013087	201 (7.91)	180 (7.09)	TU00507-00384	TU00505-3012500	350
SMO120H/220	TU00509-01305	220 (8.66)	228 (8.98)	TU00507-01302	TU00505-3013111	350
SMA						
SMA60/75	TU00509-3013103	78 (3.07)	85 (3.35)	TU00507-01120	TU00505-3013089	450
SMA85/100*	-	-	-	-	-	-
SMA85/140	TU00509-01789	140 (5.51)	162 (6.38)	TU00507-00382	TU00505-3013110	450
SMA120/150	TU00509-3013105	155 (6.10)	181 (7.13)	TU00507-00384	TU00505-3012500	450
SMA150 AC	TU00509-03399	150 (5.91)	182 (7.17)	TU00507-00384	TU00505-3012500	330
SMA120/190	TU00509-01791	190 (7.48)	182 (7.17)	TU00507-00384	TU00505-3012500	350
SMA120H/220	TU00509-3013088	200 (7.87)	227 (8.94)	TU00507-01302	TU00505-3013111	350
SMA200 AC	TU00509-3013088	200 (7.87)	227 (8.94)	TU00507-01302	TU00505-3013111	350
SMA/SMO						
SMA/SMO 120H/260	TU00509-3013984	260 (10.24)	227 (8.94)	TU00507-01302	TU00505-3013111	350
SMA/SMO 210/275	TU00509-01793	275 (10.83)	231 (9.09)	TU00507-01556	TU00505-3013112	350
SMA/SMO 210/350	TU00509-3013986	350 (13.78)	231 (9.09)	TU00507-01556	TU00505-3013112	187

* For information, contact Repligen Sweden AB

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