

Technology Upgrade

SM

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		5°C - 150°C (41°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.



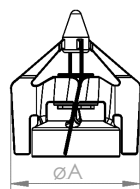
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Components



SM model to upgrade

			SM60/75	SM85/100	SM85/140	SM120/150	SM120/190	SM120H/220	SM120H/260	SM210/275	SM210/350
Max Speed (rpm)			450			450	350			350	
Made upon request											
Article Number	Mix Head	ØA mm (in)									
ZG51509-00940	ZG2 Mix Head 316L SSiC EP EPDM O-ring	96 (3.78)									
TU00509-03502	TU Mix Head 316L SSiC EP EPDM O-ring SM85/100	118 (4.65)									
TU00509-01789	TU Mix Head 316L SSiC EP EPDM O-ring SM85/140	140 (5.51)									
TU00509-03399	TU Mix Head 316L SSiC EP EPDM O-ring SM120/150	150 (5.91)									
TU00509-01791	TU Mix Head 316L SSiC EP EPDM O-ring SM120/190	190 (7.48)									
TU00509-01305	TU Mix Head 316L SSiC EP EPDM O-ring GMP10000/SM120H	220 (8.66)									
TU00509-01793	TU Mix Head 316L SSiC EP EPDM O-ring SM210	275 (10.83)									
Male Post											
TU00507-01120	TU Male Post Complete SSiC 18mm 316L EP EPDM O-ring SM60										
TU00507-00382	TU Male Post Complete SSiC 32mm 316L EP EPDM O-ring SM85										
TU00507-00384	TU Male Post Complete SSiC 32mm 316L EP EPDM O-ring SM120										
TU00507-01302	TU Male Post Complete SSiC 40mm 316L EP EPDM O-ring SM120H										
TU00507-01556	TU Male Post Complete SSiC 40mm 316L EP EPDM O-ring SM210										
Outer Drive Head											
TU00505-01788	TU Outer Drive Head SM60										
TU00505-00744	TU Outer Drive Head SM85										
TU00505-00468	TU Outer Drive Head SM120										
TU00505-01306	TU Outer Drive Head SM120H										
TU00505-01555	TU Outer Drive Head SM210										

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