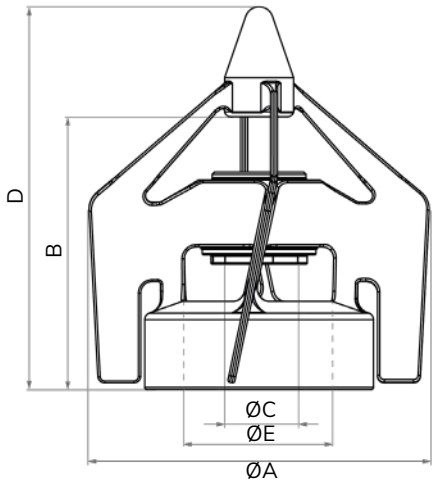
Zero-g

Mix Head

General Mixing Applications

Designed for superior cleanability and efficiency, this open design features bearing-free construction with a magnetic support surface for the mix head, delivering smooth, reliable operation and enabling on-site bearing replacement to minimize downtime.





Measurements

Mixer model	Article Number	ØA mm (in)	B mm (in)	ØC mm (in)	D mm (in)	ØE mm (in)	Weight kg (lb)
ZG1	ZG05509-01117	70 (2.76)	70.5 (2.78)	18 (0.71)	86.5 (3.41)	35 (1.38)	0.6 (1.3)
ZG2	ZG51509-00940	96 (3.78)	70.5 (2.78)	18 (0.71)	86.5 (3.41)	35 (1.38)	0.7 (1.5)
ZG3	ZG12509-00418	117 (4.61)	108.5 (4.27)	32 (1.26)	156.3 (6.15)	60 (2.36)	1.6 (3.5)
ZG5	ZG52509-00419	148 (5.83)	118.5 (4.67)	32 (1.26)	166.3 (6.55)	60 (2.36)	2.1 (4.6)
ZG6	ZG13509-00420	160 (6.30)	119.8 (4.72)	32 (1.26)	167.6 (6.60)	68 (2.68)	2.4 (5.3)
ZG7	ZG23509-00421	177 (6.97)	123.5 (4.86)	32 (1.26)	171.3 (6.74)	91 (3.58)	2.5 (5.5)
ZG8	ZG53509-00422	236 (9.29)	131.0 (5.16)	40 (1.57)	193.0 (7.60)	110 (4.33)	3.5 (7.7)
ZG9	ZG14509-00423	300 (11.81)	143.0 (5.63)	40 (1.57)	205.0 (8.07)	150 (5.91)	5.0 (11.0)
ZG10	ZG24509-00424	350 (13.78)	148.5 (5.85)	40 (1.57)	210.5 (8.29)	180 (7.09)	5.8 (12.8)
ZG11	ZG34509-06726	385 (15.16)	240.5 (9.47)	48 (1.89)	338 (13.31)	175.5 (6.91)	10.4 (23.0)
ZG12	ZG64509-06731	450 (17.72)	295.5 (11.63)	48 (1.89)	393 (15.47)	175.5 (6.91)	16.3 (35.9)

General Information

Material	Stainless Steel ASME TP 316L acc. to SA-479 & EN 1.4404 acc. to EN 10272 (Other materials are available upon request).
Inspection Certificate	EN 10204 Type 3.1
Female Sleeve	Silicon Carbide (SSiC) FDA CFR21 & USP class VI
O-Rings	EPDM; FDA CFR21 §177.2600 & USP class VI
Surface Roughness	Ra ≤ 0.38 µm (15 µin)
Surface Treatment	Electropolished. Non animal origin polishing compounds are used.
Operating Temperature	0°C - 150°C (32°F - 302°F)*
Design Pressure	-1 – 10 barg (-14.5 – 145 psig)
Operating Pressure	-1 – 7 barg (-14.5 – 101.5 psig)
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.

* Lower temperatures are permitted when the media is in liquid form

Metenova®
A REPLIGEN® BRAND

Repligen Sweden AB
Norra Ågatan 32
SE-43135 Mölndal, Sweden
Phone +46(0)31 335 95 00
www.metenova.com
info.metenova@repligen.com

Product key

Complete item number with add-on
ZGXXXXX-[ ] XXXXX [ ]= 0, A, B, C, D, E

Material Code	Standard Material
0	Stainless Steel ASME TP 316L acc. to SA-479 & EN 1.4404 acc. to EN 10272 UNS S31603

	Optional Material* (Add on)
A	Stainless Steel ASME TP 316L acc. to SA-479 UNS S31603; EN 1.4435 acc. to EN 10272 (PED)
B	Stainless Steel 904L/EN 1.4539 ASME SB-649 UNS N08904; EN10272 (PED)
C	Alloy C-22 acc to ASME SB-574 UNS N06022; EN 2.4602 (PED)
D	Alloy C-276 acc to ASME SB-574 UNS N10276; EN 2.4819 (PED)
E	AL-6XN UNS N08367; ASME SB-691; EN 1.4529 (PED)

*Example of materials, other materials available upon request

Options

Mixer model	Option 1 Silicone platinum cured O-rings in lieu of EPDM	Option 2 Viton O-rings in lieu of EPDM	Option 3 Kalrez O-rings in lieu of EPDM
ZG1	ZG00013-04173	ZG00013-03130	ZG00013-03136
ZG2	ZG00013-04173	ZG00013-03130	ZG00013-03136
ZG3	ZG00013-04174	ZG00013-03131	ZG00013-03137
ZG5	ZG00013-04174	ZG00013-03131	ZG00013-03137
ZG6	ZG00013-04174	ZG00013-03131	ZG00013-03137
ZG7	ZG00013-04174	ZG00013-03131	ZG00013-03137
ZG8	ZG00013-04175	ZG00013-03132	ZG00013-03138
ZG9	ZG00013-04175	ZG00013-03132	ZG00013-03138
ZG10	ZG00013-04175	ZG00013-03132	ZG00013-03138
ZG11	*	*	*
ZG12	*	*	*

* Available upon request

Tools specification datasheet

Lifting Tool
DS-022

Metenova®
A REPLIGEN® BRAND

Repligen Sweden AB
Norra Ågatan 32
SE-43135 Mölndal, Sweden
Phone +46(0)31 335 95 00
www.metenova.com
info.metenova@repligen.com

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