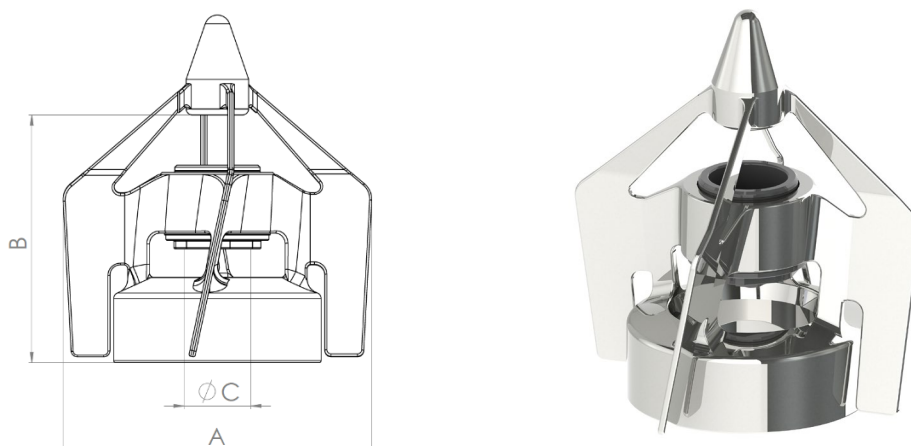


Zero-g

Mix Head

Zero-g mixers are the base line of Metenovas mixer program. They are very versatile and covers a vast range of applications all through the process chain.

General
Mixing
Applications



Measurements

Mixer model	Article Number	A mm (in)	B mm (in)	ØC mm (in)	Weight kg (lb)
ZG1	ZG05509-01117	70 (2.76)	86.5 (3.41)	18 (0.71)	0.6 (1.3)
ZG2	ZG51509-00940	96 (3.78)	86.5 (3.41)	18 (0.71)	0.7 (1.5)
ZG3	ZG12509-00418	117 (4.61)	156.3 (6.15)	32 (1.26)	1.6 (3.5)
ZG5	ZG52509-00419	148 (5.83)	166.3 (6.55)	32 (1.26)	2.1 (4.6)
ZG6	ZG13509-00420	160 (6.30)	167.6 (6.60)	32 (1.26)	2.4 (5.3)
ZG7	ZG23509-00421	177 (6.97)	171.3 (6.74)	32 (1.26)	2.5 (5.5)
ZG8	ZG53509-00422	236 (9.29)	193.0 (7.60)	40 (1.57)	3.5 (7.7)
ZG9	ZG14509-00423	300 (11.81)	205.0 (8.07)	40 (1.57)	5.0 (11.0)
ZG10	ZG24509-00424	350 (13.78)	210.5 (8.29)	40 (1.57)	5.8 (12.8)
ZG11	ZG34509-06726	385 (15.16)	241 (9.49)	48 (1.89)	10.4 (23.0)

General Information

Material	Stainless Steel 316L/ EN 1.4404 (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	5°C - 150°C (41°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.

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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; W.nr 2.4602
D	Alloy C-276 acc to ASME SB-574 UNS N10276; W.nr 2.4819
E	AL-6XN UNS N08367; ASME SB-694

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	*	*	*

* Available upon request

Tools specification datasheet

Lifting Tool

DS-022

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