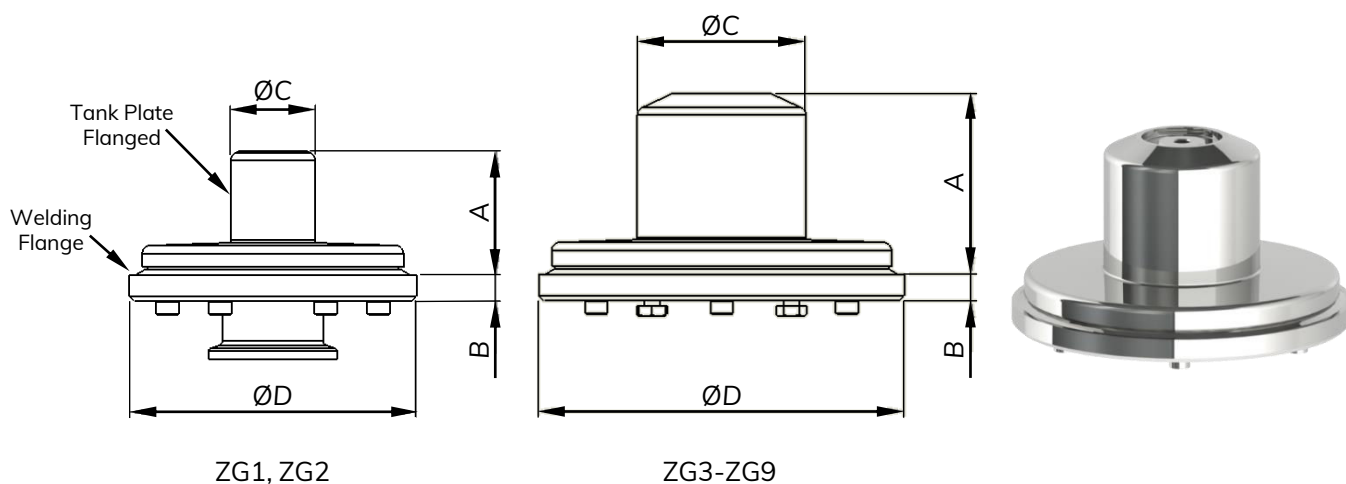


Zero-g

Tank Plate Flanged

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



Components

Mixer Model	Tank Plate Flanged Article Number	Welding Flange Article Number
ZG1, ZG2	ZG00504-01688	ZG51601-01691
ZG3	ZG12504-01702	ZG52601-00080
ZG5	ZG52504-01703	ZG52601-00080
ZG6	ZG13504-01705	ZG13601-01706
ZG7	ZG23504-01708	ZG23601-01709
ZG8	ZG53504-01711	ZG53601-01712
ZG9	ZG14504-01714	ZG14601-04234

Measurements

Mixer Model	A mm (in)	B mm (in)	ØC mm (in)	ØD mm (in)	Weight kg (lb)
ZG1, ZG2	47 (1.85)	10 (0.39)	32 (1.26)	109 (4.29)	0.9 (2.0)
ZG3	57 (2.24)	10 (0.39)	56 (2.20)	129 (5.08)	1.5 (3.3)
ZG5	67 (2.64)	10 (0.39)	56 (2.20)	129 (5.08)	1.5 (3.3)
ZG6	68.5 (2.70)	10 (0.39)	64 (2.52)	139 (5.47)	1.6 (3.5)
ZG7	72 (2.83)	10 (0.39)	87 (3.43)	176.5 (6.95)	2.2 (4.9)
ZG8	75 (2.95)	10 (0.39)	106 (4.17)	200 (7.87)	4.8 (10.6)
ZG9	92 (3.62)	16 (0.63)	146 (5.75)	263 (10.35)	10.3 (22.7)

General Information

<i>Material (Tank plate and Welding Flange)</i>	Stainless Steel ASME TP 316L acc. to SA-479 & EN 1.4404 acc. to EN 10272 UNS S31603 (Other materials are available upon request)
<i>Inspection certificate</i>	EN10204 type 3.1
<i>Material (O-ring)</i>	EPDM; FDA CFR21 §177.2600 & USP Class VI
<i>Surface Roughness</i>	Ra ≤ 0.38 µm (15 µin)
<i>Surface Treatment (Tank Plate Flanged)</i>	Electropolished. Non animal origin polishing compounds are used.
<i>Surface Treatment (Welding Flange)</i>	Manually polished. Non animal origin polishing compounds are used.
<i>Operating Temp</i>	5°C - 150°C (41°F - 302°F)
<i>pH Range</i>	1 – 14 for SSiC bearing
<i>Design Pressure</i>	-1 – 10 barg (-14.5 – 145 psig)
<i>Operating Pressure</i>	-1 – 7 barg (-14.5 – 101.5 psig)
<i>Packing and Marking</i>	Items are individually packed and for traceability purposes marked with item & id no.
<i>Quality Assurance</i>	Metenova Quality Assurance system ensures the quality and traceability at all stages of the process.

Options

<i>Mixer Model</i>	<i>Option 1 Silicone platinum cured O-rings in lieu of EPDM</i>	<i>Option 2 Viton O-rings in lieu of EPDM</i>	<i>Option 3 Kalrez O-rings in lieu of EPDM</i>
ZG1, ZG2	ZG00013-05268	ZG00013-05262	ZG00013-05256
ZG3	ZG00013-05269	ZG00013-05263	ZG00013-05257
ZG5	ZG00013-05269	ZG00013-05263	ZG00013-05257
ZG6	ZG00013-05270	ZG00013-05264	ZG00013-05258
ZG7	ZG00013-05271	ZG00013-05265	ZG00013-05259
ZG8	ZG00013-05272	ZG00013-05266	ZG00013-05260
ZG9	ZG00013-05273	ZG00013-05267	ZG00013-05261

metenova

www.metenova.com

Phone: +46 (0)31-335 95 00 | +1(908) 537 4199 | E-mail: info@metenova.com



QUILINOX[®]
ALL ABOUT FLUIDS

The information in this publication is subject to change without prior notice. The information in this document is believed to be complete and accurate at the time of publication. Metenova assumes no responsibility for any errors that may appear in this document. Customer is responsible for determining Metenova's product will perform suitable in the intended application