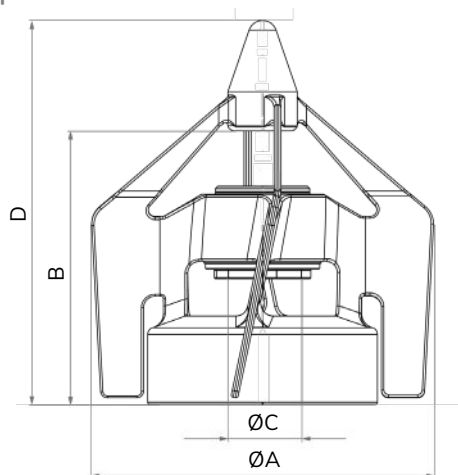


Zero-g

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 | ØA mm (in) | B mm (in) | ØC mm (in) | D mm (in) | Weight kg (lb) |
|-------------|----------------|-------------|--------------|------------|--------------|----------------|
| ZG1 | ZG05509-01117 | 70 (2.76) | 70.5 (2.78) | 18 (0.71) | 86.5 (3.41) | 0.6 (1.3) |
| ZG2 | ZG51509-00940 | 96 (3.78) | 70.5 (2.78) | 18 (0.71) | 86.5 (3.41) | 0.7 (1.5) |
| ZG3 | ZG12509-00418 | 117 (4.61) | 108.5 (4.27) | 32 (1.26) | 156.3 (6.15) | 1.6 (3.5) |
| ZG5 | ZG52509-00419 | 148 (5.83) | 118.5 (4.67) | 32 (1.26) | 166.3 (6.55) | 2.1 (4.6) |
| ZG6 | ZG13509-00420 | 160 (6.30) | 119.8 (4.72) | 32 (1.26) | 167.6 (6.60) | 2.4 (5.3) |
| ZG7 | ZG23509-00421 | 177 (6.97) | 123.5 (4.86) | 32 (1.26) | 171.3 (6.74) | 2.5 (5.5) |
| ZG8 | ZG53509-00422 | 236 (9.29) | 131.0 (5.16) | 40 (1.57) | 193.0 (7.60) | 3.5 (7.7) |
| ZG9 | ZG14509-00423 | 300 (11.81) | 143.0 (5.63) | 40 (1.57) | 205.0 (8.07) | 5.0 (11.0) |
| ZG10 | ZG24509-00424 | 350 (13.78) | 148.5 (5.85) | 40 (1.57) | 210.5 (8.29) | 5.8 (12.8) |
| ZGX11 | ZGX34509-07095 | 385 (15.16) | 240.5 (9.47) | 48 (1.89) | 338 (13.31) | 10.4 (23.0) |

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 (SiC) 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. |

mete  nova

A REPLIGEN COMPANY

 **QUILINOX**[®]
ALL ABOUT FLUIDS

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 |
| ZGX11 | * | * | * |

* Available upon request

Tools specification datasheet

Lifting Tool

DS-022

mete  nova

A REPLIGEN COMPANY

