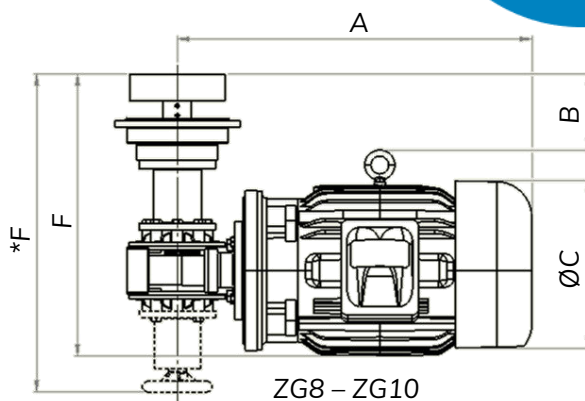
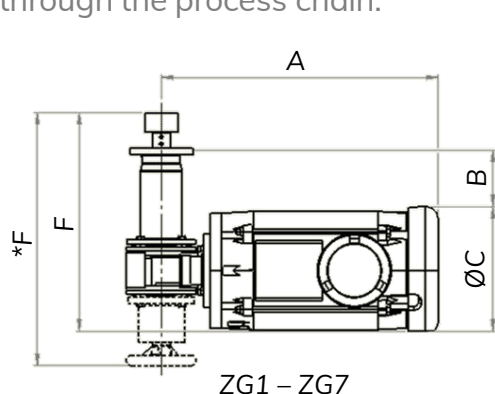


Zero-g

Drive Unit AC EXP

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) | F mm (in) | Weight kg (lb) | With Lowering Device | |
|-------------|----------------------|--------------|--------------|---------------|--------------|-------------------|----------------------|-----------------|
| | | | | | | | *F mm (in) | *Weight kg (lb) |
| ZG1, ZG2 | E100 ZG51502-KA02196 | 396 (15.6) | 74 (2.9) | 183 (7.2) | 299 (11.8) | 22 (49) | 348 (13.7) | 25 (55) |
| ZG3 | E100 ZG12502-KA02297 | 396 (15.6) | 80 (3.2) | 183 (7.2) | 301 (11.9) | 22 (49) | 350 (13.8) | 24 (53) |
| ZG5 | E100 ZG52502-KA02198 | 396 (15.6) | 81 (3.2) | 183 (7.2) | 312 (12.3) | 23 (51) | 361 (14.2) | 25 (55) |
| ZG6 | E100 ZG13502-KA02199 | 396 (15.6) | 79 (3.1) | 183 (7.2) | 311 (12.2) | 23 (51) | 360 (14.2) | 25 (55) |
| ZG7 | E100 ZG23502-KA02200 | 428 (16.9) | 105 (4.1) | 183 (7.2) | 336 (13.2) | 28 (62) | 414 (16.3) | 32 (71) |
| ZG8 | E100 ZG53502-KA02201 | 507 (20.0) | 42 (1.7) | 257 (10.1) | 393 (15.5) | 72 (159) | 444 (17.5) | 75 (165) |
| ZG9 | E100 ZG14502-KA02202 | 507 (20.0) | 42 (1.7) | 257 (10.1) | 403 (15.9) | 79 (174) | 454 (17.9) | 83 (183) |
| ZG10 | E100 ZG24502-KA02203 | 583 (23.0) | 19 (0.7) | 279 (11.0) | 413 (16.3) | 125 (276) | 453 (17.8) | 130 (287) |

*F = F measurement with lowering device (Add-on option 3, see separate article number on page 3)

*Weight = Weight with lowering device

General Information

| | | |
|-------------------------|---|---|
| Voltage | Δ230 / Y460 VAC @ 60Hz (±5%) | |
| Thermal Protection | Thermostat | |
| Agency approval (motor) | CSA / UR |  |
| Environment Temp | 0°C - 40°C (32°F - 104°F) | |
| Painting | In compliance with FDA | |
| Gear Box Oil | Food grade in compliance with FDA | |
| Cooling Type | TEFC (Totally Enclosed, Fan-Cooled) | |
| Motor support | Due to heavy weight extra support is necessary for all sizes | |
| XP Division | Division I | |
| XP Class and group | CLI GP C,D | |
| XP Temp Code | T3C | |
| 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 | |

Product Specific Information

| Mixer Model | Motor | Poles | Gear Box | Current | Min-Max speed for mixer |
|-------------|---------------------------|--------|----------|--|-------------------------|
| ZG1, ZG2 | 0.14 kW / 0.19 hp @ 60 Hz | 2-pole | 7:1 | 0.4 A @ 460 V / 60 Hz 0.8 A @ 230 V / 60 Hz | 50 – 490 rpm |
| ZG3 | 0.25 kW / 0.33 hp @ 60 Hz | 2-pole | 7:1 | 0.5 A @ 460 V / 60 Hz 1.0 A @ 230 V / 60 Hz | 50 – 490 rpm |
| ZG5 | 0.37 kW / 0.50 hp @ 60 Hz | 2-pole | 7:1 | 0.75 A @ 460 V / 60 Hz 1.50 A @ 230 V / 60 Hz | 50 – 490 rpm |
| ZG6 | 0.55 kW / 0.74 hp @ 60 Hz | 2-pole | 7:1 | 1.10 A @ 460 V / 60 Hz 2.20 A @ 230 V / 60 Hz | 50 – 490 rpm |
| ZG7 | 1.10 kW / 1.48 hp @ 60 Hz | 2-pole | 7:1 | 2.00 A @ 460 V / 60 Hz 4.00 A @ 230 V / 60 Hz 4.30 A @ 208 V / 60 Hz | 50 – 490 rpm |
| ZG8 | 2.2 kW / 3.0 hp @ 60 Hz | 2-pole | 10:1 | 3.70 A @ 460 V / 60 Hz 7.40 A @ 230 V / 60 Hz 8.20 A @ 208 V / 60 Hz | 34 – 343 rpm |
| ZG9 | 2.2 kW / 3.0 hp @ 60 Hz | 4-pole | 7:1 | 4.10 A @ 460 V / 60 Hz 8.20 A @ 230 V / 60 Hz | 24 – 245 rpm |
| ZG10 | 3.7 kW / 5.0 hp @ 60 Hz | 4-pole | 7:1 | 6.70 A @ 460 V / 60 Hz 13.4 A @ 230 V / 60 Hz | 24 – 245 rpm |

Options

Option 1



Option 2



Option 3



Option 4



| Mixer Model | RPM Sensor ATEX, Mix Head | RPM Sensor ATEX, Shaft | Lowering Device | Transport Locking Device |
|-------------|---------------------------|------------------------|-----------------|--------------------------|
| ZG1, ZG2 | - | ZGAX00014-00752 | ZGX51502-06594 | ZG00016-01773 |
| ZG3 | ZGAX00014-03570 | ZGAX00014-00752 | ZGX12502-05544 | ZG12016-01775 |
| ZG5 | ZGAX00014-03570 | ZGAX00014-00752 | ZG52502-02001 | ZG52016-01776 |
| ZG6 | ZGAX00014-03570 | ZGAX00014-00752 | ZG13502-02003 | ZG13016-01777 |
| ZG7 | ZGAX00014-03570 | ZGAX00014-00752 | ZG23502-02007 | ZG23016-02721 |
| ZG8 | ZGAX00014-03570 | ZGAX00014-00752 | ZG53502-02009 | - |
| ZG9 | ZGAX00014-03570 | ZGAX00014-00752 | ZG14502-02011 | - |
| ZG10 | ZGAX00014-03570 | ZGAX00014-00752 | ZG24502-02013 | - |

RPM Sensor

| Article Number | ZGAX00014-03570 | ZGAX00014-00752 |
|--------------------|------------------------------|------------------------------|
| Type | RPM Sensor ATEX, Mix Head | RPM Sensor ATEX, Shaft |
| Pulses/Turn | 1 | 4 |
| Output Function | 2-wire, NAMUR | 2-wire, NAMUR |
| Indicator | Yellow LED | Yellow LED |
| Temperature Range | -25°C - 70°C (-13°F - 158°F) | -25°C - 70°C (-13°F - 158°F) |
| Operations Voltage | Nom. 8.2 VDC | Nom. 8.2 VDC |
| Protection Class | IP67 | IP67 |

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QUILINOX
ALL ABOUT FLUIDS

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