

General
Mixing
Applications



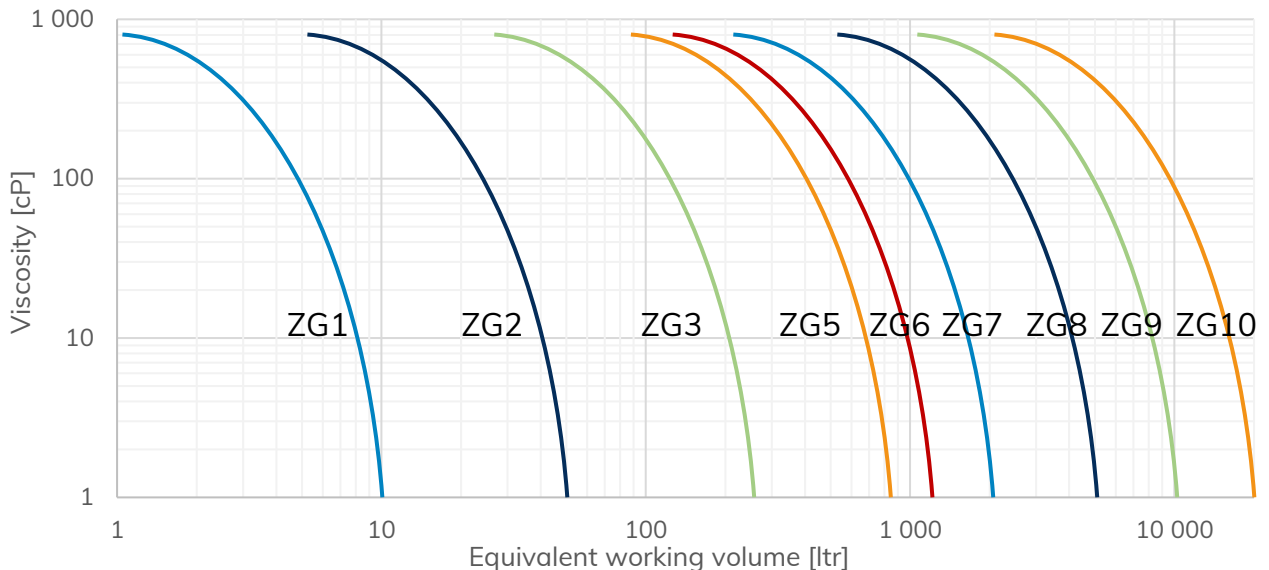
Zero-g

Magnetic Mixer

ZG mixers are very versatile and are the base line of our mixer program. The high efficiency mix head design allows for both effective and gentle mixing at the same time. The ZG mixer covers a vast range of applications all through the process chain. The excellent aseptic design, FDA compliance, combined with the benefits of the new and innovative bearing design makes it perfect for use in the pharmaceutical and biotechnology industries.

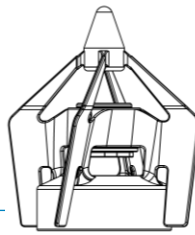
Basic Selection

	ZG1	ZG2	ZG3	ZG5	ZG6	ZG7	ZG8	ZG9	ZG10
Max Volume at 1 cP [ltr]	10	50	250	850	1200	2000	5000	10000	20000
Max Speed [rpm]	490	490	490	490	490	490	343	245	245



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.

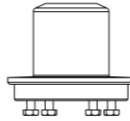
Mix Head



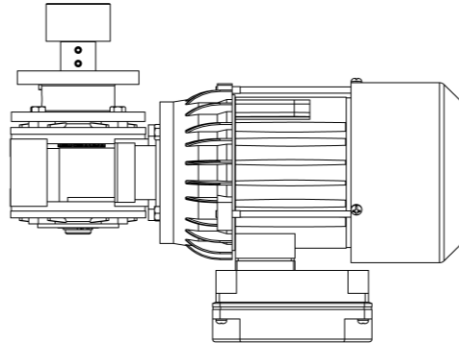
Male Post



Tank Plate



Drive Unit



General guide for components detail specification data sheet
(More variation options available for each subcomponent)

Mix Head	Male Post	Tank Plate	Drive Unit
DS-047 ZG Mix Head	DS-045 ZG Male Post	DS-048 ZG Tank Plate	DS-049 ZG Drive Unit AC

Net Weight (approximate)

Mixer Model	ZG1	ZG2	ZG3	ZG5	ZG6	ZG7	ZG8	ZG9	ZG10
Weight kg (lb)	7 (15)	7 (15)	10 (22)	15 (33)	17 (37)	21 (46)	39 (86)	48 (106)	67 (148)

Additional information

Operating Temp	5°C - 150°C (41°F - 302°F) Environment Temp 0°C - 40°C (32°F - 104°F)
Operating Pressure	-1 – 7 barg (-14.7 – 103 psig)
Surface Roughness	Ra ≤ 0.38 µm (15 µin)
Surface Treatment	Electro polished. Non animal origin polishing compounds are used.
Product contact material	Standard SS material 316L, bearing material SIC and elastomers EPDM (USP VI , FDA compliant). Other material options available upon request.