

Chemical Applications

Zero-g Plastic

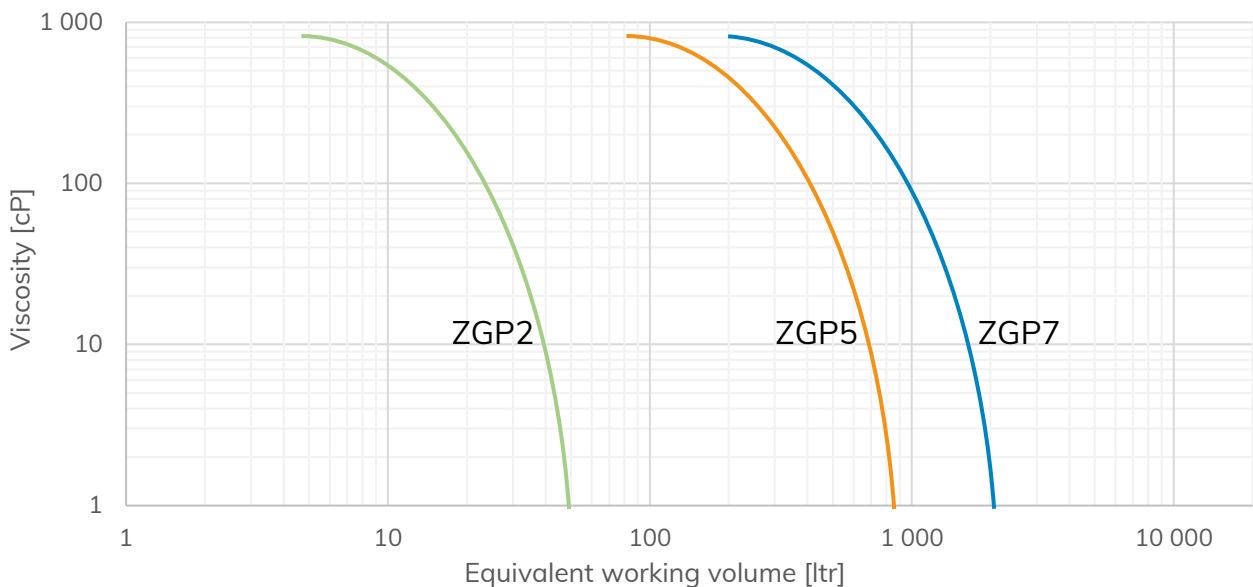
Magnetic Mixer



The ZGP plastic mixers are very versatile and the high efficiency mix head design allows for both effective and gentle mixing at the same time. The ZGP 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 chemical, pharmaceutical and biotechnology industries. This product line is a great alternative to costly high alloy version for demanding chemical applications.

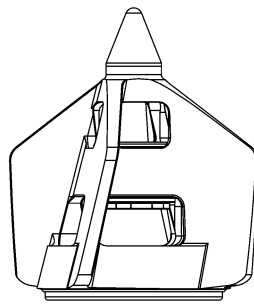
Basic Selection

	ZGP2	ZGP5	ZGP7
Max Volume at 1 cP [ltr]	50	850	2000
Max Speed [rpm]	490	490	490



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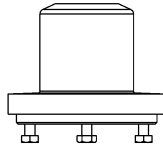
Mix Head



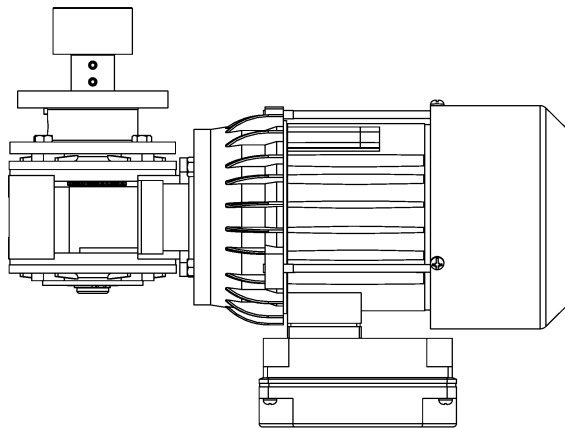
Male Post



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-043 ZGP Mix Head	DS-045 ZG Male Post	DS-044 ZGP Tank Plate	DS-049 ZG Drive Unit AC

Net Weight (approximate)

Mixer Model	ZGP2	ZGP5	ZGP7
Weight kg (lb)	7 (15)	14 (31)	20 (44)

Additional information

Operating Temp	5°C - 60°C (41°F - 140°F) Environment Temp 0°C - 40°C (32°F - 104°F)
Operating Pressure	-1 – 7 barg (-14.7 – 103 psig)
Surface Roughness	Ra ≤ 3.2 µm (126 µin)
Surface Treatment	NA
Product contact material	Standard Polypropylene, bearing material SSiC and elastomers EPDM. All materials are USP VI and FDA compliant. Other material options for O-rings are available upon request.