

Chemical Applications

Zero-g Plastic Magnetic Mixer

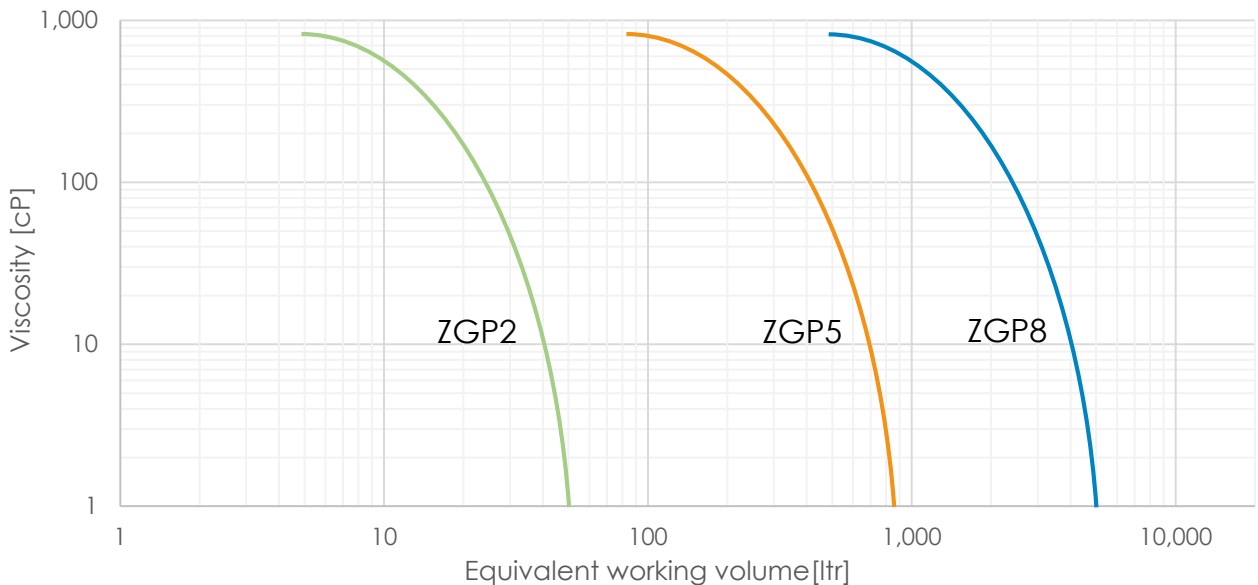


The ZGP plastic mixers provide a cost-efficient version of the ZG mixer particularly targeting chemical applications. Zero-g Plastics unique mixing technology can also be used in Carboys with integrated mixer and delivers the same powerful mixing result in a Carboy as in a conventional mixing tank.

This product line is a great alternative to costly high alloy versions for demanding chemical applications.

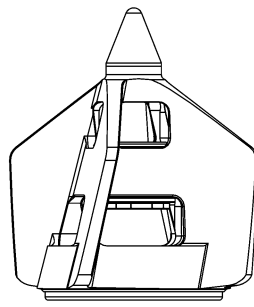
Basic Selection

	ZGP2	ZGP5	ZGP8
Max Volume at 1 cP [ltr]	50	850	5000
Max Speed [rpm]	490	490	343



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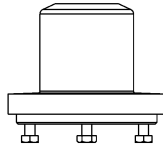
Mix Head



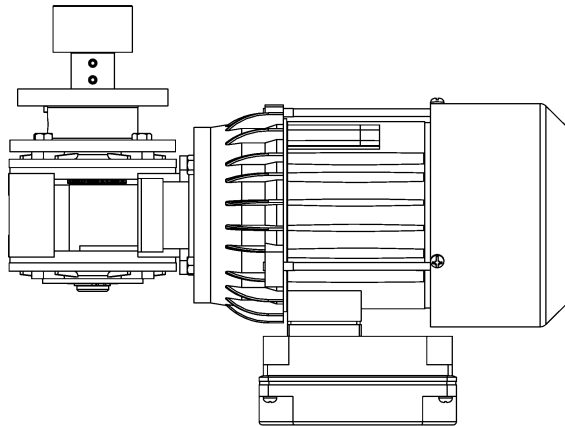
Male Post



Tank Plate



Drive Unit



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

Mixer Model	Mixing Head	Male Post	Tank Plate	Drive Unit
ZGP2	DS ZG2P MH -1551	DS ZG- MP 18 -827	DS ZG2P TP -4241	DS ZG2 DU AC E0 -875
ZGP5	DS ZG5P MH -2339	DS ZG- MP 32 -199	DS ZG5P TP -4240	DS ZG5 DU AC E0 -442
ZGP8	DS ZG8P MH -2607	DS ZG- MP 40 -329	DS ZG8P TP -343	DS ZG8 DU AC E0 -445

Net Weight (approximate)

Mixer Model	ZGP2	ZGP5	ZGP8
Weight kg (lb)	6 (13)	11 (24)	32 (71)

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 ≤ 0.5 µm (20 µin)
Surface Treatment	Electro polished. Non animal origin polishing compounds are used.
Product contact material	Standard Polypropylene, bearing material SIC and elastomers EPDM (USP VI , FDA compliant). Other material options available upon request.