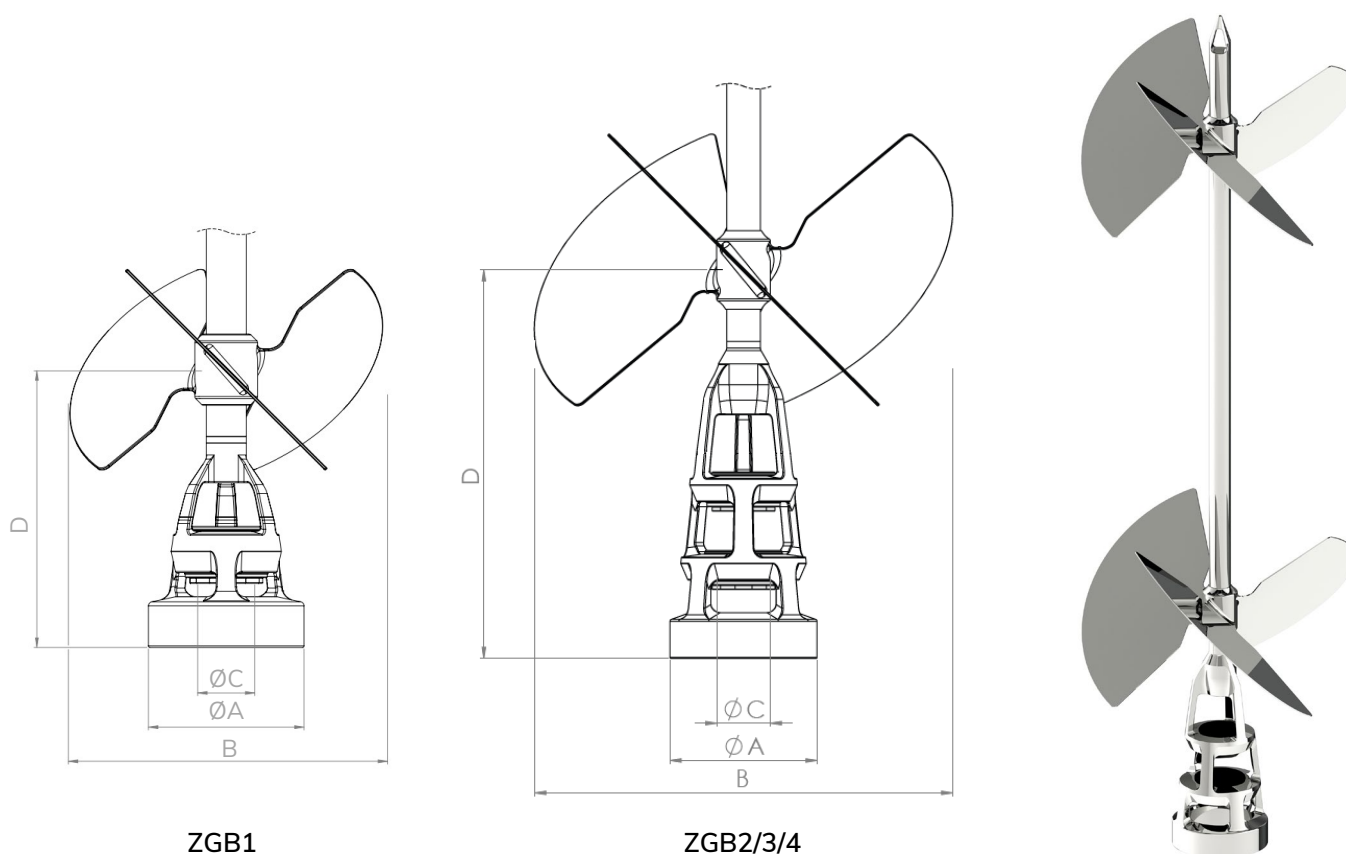


Zero-g Biomixer

Mix Head

Biotechnology
Applications

The Zero-g Biomixer offers an aseptic magnetic multi-stage mixer for gentle mixing. It features Metenovas patented Zero Gravity Technology, minimizing the risk of damaged bearings.



Measurements

Mixer model	ØA mm (in)	B mm (in)	ØC mm (in)	D mm (in)	Weight kg (lb)**
ZGB1	109.0 (4.29)	*	40.0 (1.57)	*	4.8 (10.6)
ZGB2	131.5 (5.18)	*	48.0 (1.89)	*	12.5 (27.6)
ZGB3	-	-	-	-	-
ZGB4	-	-	-	-	-

* Impeller diameter and positions available dependant on mixer model, mixing speed, impeller type and customer request.

** Mix Head weight estimate, can vary depending on mixer configuration.

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Options

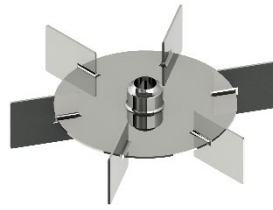
- Other impeller types are available upon request.
- Welded impellers available.
- Height adjustable impellers available. (Applies to ZGB1, ZGB2 only).



Elephant Ear



Pitched Blade



Rushton



Marine

General Information

Material	Stainless Steel 316L / EN 1.4404 (Other materials are available upon request.)
Inspection Certificate	EN 10204 type 3.1
Female Sleeve	Silicon Carbide (SSiC) FDA CFR21 § 211.65 & USP class VI
O-Rings	EPDM FDA CFR21 § 177.2600 & USP class VI
Surface Roughness	$Ra \leq 0.38 \mu\text{m}$ (15 μin)
Surface Treatment	Electro polished. Non animal origin polishing compounds are used.
Operating Temperature	5°C - 150°C (41°F - 302°F)
Design Pressure	-1 – 7 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 number.
Quality Assurance	Metenova Quality Assurance system ensures the quality and traceability at all stages of the process.

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