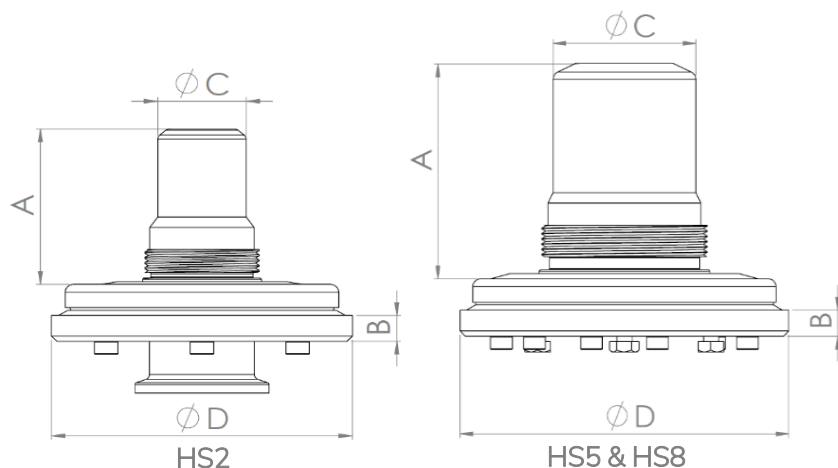


High Shear

Tank Plate Flanged

The High Shear mixer offer a rotor/stator aseptic magnetic mixer for critical fine emulsions and dispersions. It is ideal for emulsification applications, difficult to dissolve solids and particle downsizing.

Emulsification
and High Shear
Applications



Components

Mixer Model	Tank Plate	Flange
	Article Number	Article Number
HS2	HS51504-03722	ZG51601-01691
HS5	HS52504-03503	ZG52601-00080
HS8	HS53504-03610	ZG53601-01712

Measurements

Mixer Model	A mm (in)	B mm (in)	ØC mm (in)	Weight kg (lb)	Welding Diameter ØD mm (in)
HS2	60 (2.36)	10 (0.39)	32 (1.26)	1.5 (3.3)	109 (4.29)
HS5	82.5 (3.25)	10 (0.39)	56 (2.20)	2.1 (4.7)	129 (5.08)
HS8	117.5 (4.63)	10 (0.39)	87 (3.43)	5.7 (12.6)	200 (7.87)

General Information

Material	Stainless Steel AISI 316L (1,4404) (Other materials are available upon request.)
Certificate	EN10204 3.1
O-rings	FDA & USP class VI compliant EPDM
Surface Roughness	Ra ≤ 0.38 µm (15 µin)
Operating Temp	5°C - 150°C (41°F - 302°F)
Operating Pressure	-1 - 7 barg (-14.5 - 101.5 psig)
Design Pressure	-1 - 10 barg (-14.7 - 145 psig)
pH Range	1 - 14

Options

	HS2	HS5	HS8
Silicone Platinum Cured o-rings in lieu of EPDM	ZG00013-05268	ZG00013-05269	ZG00013-05272

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