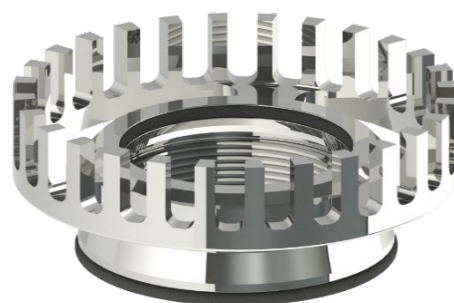
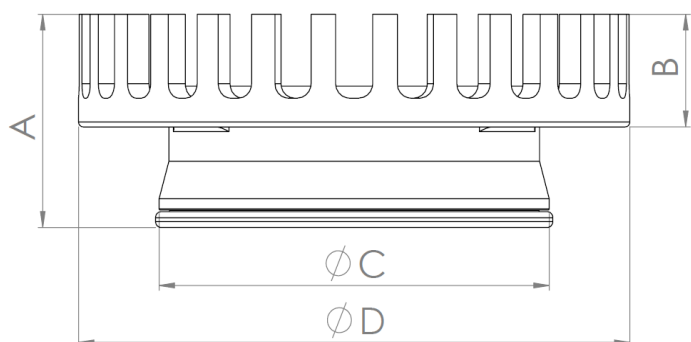


# High Shear

## Stator

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



### Measurements

Mixer Model	Article Number	A mm (in)	B mm (in)	ØC mm (in)	ØD mm (in)	Weight kg (lb)
HS2	HS51512-05763	37.5 (1.48)	17.5 (0.69)	53.9 (2.12)	77.2 (3.04)	0.2 (0.44)
HS5	HS52512-05765	44.5 (1.75)	23.5 (0.93)	82.5 (3.25)	119 (4.69)	0.7 (1.5)
HS8	HS53512-05767	63 (2.48)	36 (1.42)	119 (4.69)	153.4 (6.04)	1.2 (2.6)

### General Information

<b>Material</b>	Stainless Steel AISI 316L (1,4404) (Other materials are available upon request.)
<b>O-rings</b>	FDA & USP class VI compliant EPDM
<b>Surface Roughness</b>	$Ra \leq 0.38 \mu\text{m}$ (15 $\mu\text{in}$ )
<b>Surface Treatment</b>	Electro polished. Non animal origin polishing compounds are used.
<b>Operating Temp</b>	5°C - 150°C (41°F - 302°F)
<b>Design Pressure</b>	-1 – 7 barg (-14.5 – 101.5 psig)
<b>pH Range</b>	1 – 14

Options	HS2	HS5	HS8
<b>Option 1</b> Silicone Platinum Cured o-rings in lieu of EPDM	HS51013-05244	HS52013-05245	HS53013-05246



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