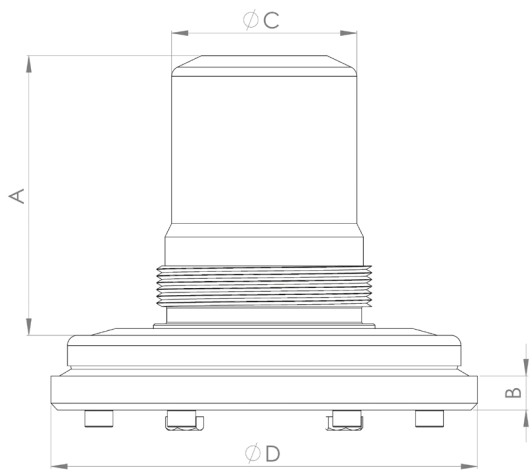


# High Shear

## 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.



### Components

| Mixer model | Tank Plate<br>Article Number | Flange<br>Article Number |
|-------------|------------------------------|--------------------------|
| HS2         | HS51504-03722                | ZG51601-01691            |
| HS5         | HS52504-03503                | ZG52601-00080            |
| HS8         | HS53504-03610                | ZG53006-01712            |

### 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        | 3.1                                                                              |
| O-rings            | FDA & USP class VI * compliant EPDM                                              |
| Surface Roughness  | Ra ≤ 0.38 µm (15 µin)                                                            |
| Surface Treatment  | Electro polished. Non animal origin polishing compounds are used.                |
| Operating Temp     | 5°C - 150°C (41°F - 302°F)                                                       |
| Operating Pressure | -1 – 7 barg (-14.7 – 101.5 psig)                                                 |
| Design Pressure    | -1 – 10 barg (-14.7 – 145 psig)                                                  |
| pH Range           | 1 – 14                                                                           |



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