

1 MOTOR

- 1.1 **POWER:** VTS: 0,37 kW - 3 kW | VTG: 3 kW - 90 kW.
- 1.2 **PHASES:** Single phase | Three-phase.
- 1.3 **VOLTAGE:** 110 - 220 V | 230 - 460 V.
- 1.4 **EFFICIENCY:** IEC: IE3 | NEMA: High, Premium.
- 1.5 **OUTPUT SPEED:** 1750 rpm.

2 REDUCER

- 2.1 **TYPE:**
 - 2.1.1 Parallel shaft.
 - 2.1.2 Conical gear.
 - 2.1.3 Coaxial.
- 2.2 **OUTPUT SPEED:** VTS 75 - 300 rpm | VTG 50 - 150 rpm.

3 SHAFT-HEAD COUPLING

- 3.1 Hollow shaft - keyway.
- 3.2 Hollow shaft - shrink disk.
- 3.3 Solid shaft - coupling.

4 SUBJECTION

- 4.1 **TYPE:**
 - 4.1.1 FLANGE.
 - 4.1.2 LANTERN.
 - 4.1.3 PLATE.
- 4.2 **MATERIAL:** Stainless steel | Carbon steel.

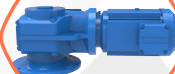
5 SEALING

- Wide range of single and double lip seals | Hydraulic labyrinth | Cable glands | Simple mechanical seal | Double mechanical seal. Optional autonomous refrigeration system (thermosyphon), vapor barrier | Cartridge with double mechanical seal and built-in guide bearing | Special systems for dismantling a full tank for side and bottom entry mixers, or dismantling with a pressure reactor for top entry mixers.

2.1.1 ..
Paralell shaft



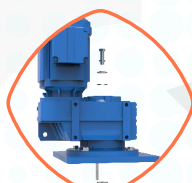
2.1.2 ..
Conical gear



2.1.3 ..
Coaxial



3.1 ..
Hollow shaft - keyway



3.2 ..
Hollow shaft - Shrink disk



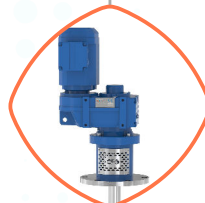
3.3 ..
Eje sólido - acoplamiento



4.1.1 ..
Flange

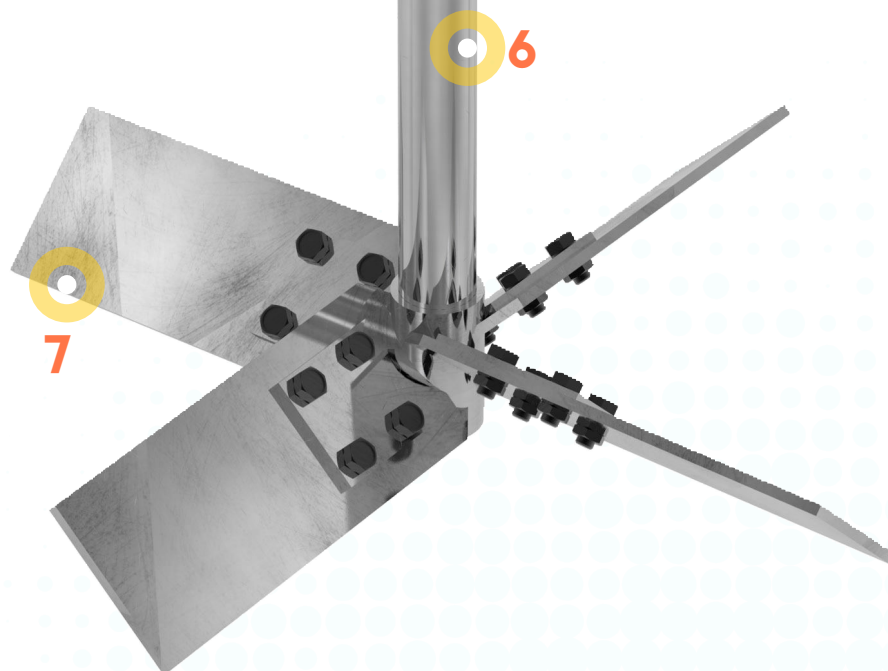


4.1.2 ..
Lantern



4.1.3 ..
Plate





6 SHAFT

6.1 LENGTH:

- VTS Max: 2,500 mm.
- VTG Max: 15,000 mm.

6.2 PROPELLER - SHAFT COUPLING:

- 6.2.1 Lugs.
- 6.2.2 Oppressors.
- 6.2.3 Bushing welded to the shaft.
- 6.2.4 Wedge.
- 6.2.5 Mechanical - welded core.

7 MOBILE

7.1 DIAMETER:

- VTS Min: 400 mm | Max: 800 mm.
- VTG Min: 800 mm | Max: 4,000 mm.

7.2 TYPE: 3/4 Axial propeller blade.

8 MANUFACTURING MATERIALS

Carbon steel | AISI 304 | AISI 316L | Duplex | Super duplex | Titanium | Hastelloy | Uranus B6.

9 FINISHED

9.1 POLISHED: (°Grit).

- 9.2 COATING: PTFE | PVDF | EPDM | Halar | Butyl rubber | Natural rubber | Ebonite | Neoprene | Fiber glass.

10 OPTIONAL

10.1 MOTORS:

- 10.1.1 ATEX protection.
- 10.1.2 Stainless steel case.
- 10.1.3 Epoxy paint, food grade.
- 10.1.4 Food grade oil.

10.2 CERTIFICATIONS: NOM | FDA Regulation | EHEDG.

11 APPLICATIONS

For high intensity of agitation.

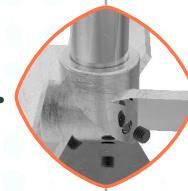
12 VOLUME

VTG: for deposits from 4 a 15 m³ | VTG: for large deposits.

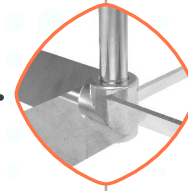
6.2.1 Lugs



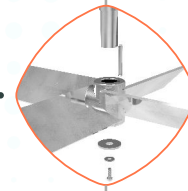
6.2.2 Oppressors



6.2.3 Bushing welded to the shaft



6.2.4 Wedge



6.2.5 Mechanical-welded core

