Serie VTDF

FluidMix® Effective Mixing

Tank m³

3 — 50 — 100



Mixer with axial double flow pitched blades turbine for the mixing of high viscosity.

Provided with parallel shafts gearboxes with hollow shaft and with large dimension output bearings able to support great forces along their long service life.

- 2,2 Kw to 75 Kw
- 4–15m³
- > 300 mm
- 75 rpm
  100 rpm
  150 rpm
- High viscosity
- AISI 316
  AISI 304
  CARBON STEEL

SECTORS

More common: Food indisrty, Paper , Chemistry
Other uses: Surface treatment, peper industry, Petrochemicals

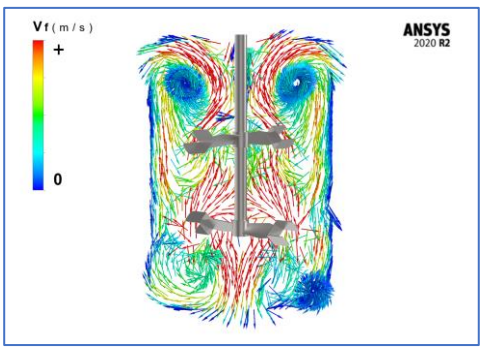
EXTRA OPTIONS:

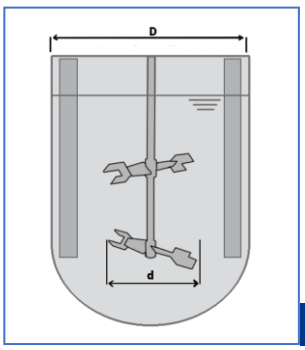
- High efficiency
- Food grade execution, Polishing
- Seal
- Atex

MATERIALS

- Ebonite
- AISI 316
- AISI 304
- Duplex
- Super duplex
- Titanium
- Hastelloy
- ...

Fluidmix - Effective Mixing





AXIAL FLOW

POSITION:
CENTERED WITH BAFFLES
OFF-CENTERED WITH OUT BAFFLES

RELATION d/D= 0,4-0,6

HIGH VISCOSITY

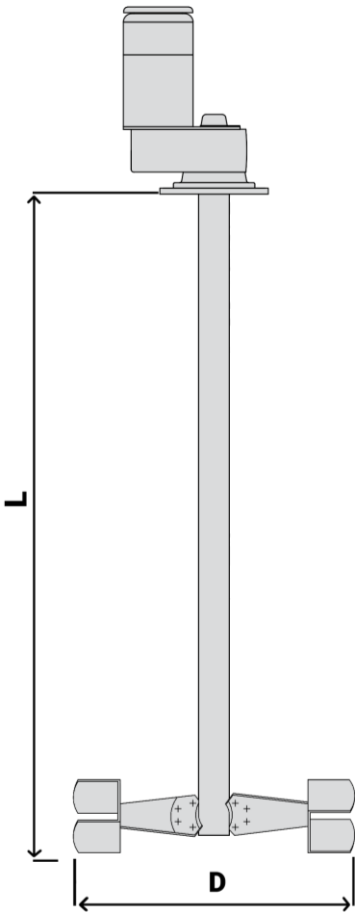
ABLE TO WORK IN EMPTY TANKS

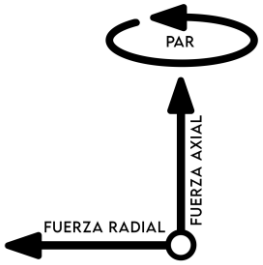


Serie VTDF

Find this product at the following linkt to our website:

www.agitadoresfluidmix.com/agitador-industrial-vtdf/





Static & dinamic forces	
Radial	daN
Axial	daN
Torque	Nm
Weight	Kg

2,2 – 75 Kw

R: ø200mm minimum entry diameter

75 RPM

Blowing clockwise

P: ø300
N: ø250
S: 4X15

Shaft length: 3000 mm

Impeller diameter

AISI 316

??????

APPLICATIONS

MIX: Solid/liquid, Liquid/liquid
SOLIDS SUSPENSION
HIGH VISCOSITY

FIXATION OPTIONS:



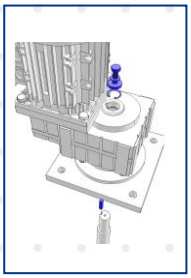
SQUARED PLATE



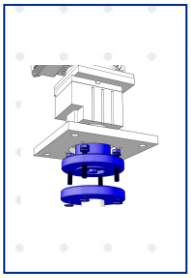
FLANGE DIN, ANSI...



LINTERN

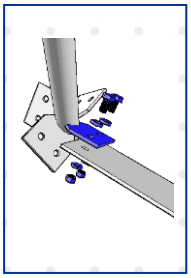


Hollow shaft mounting

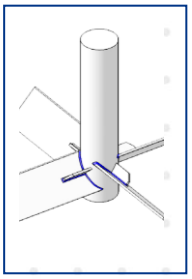


COUPLING

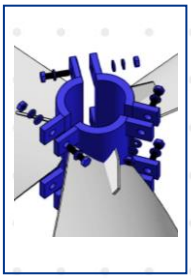
ASSEMBLY OPTIONS:



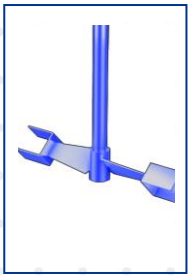
Fixation by lugs



Turbine welded to the shaft



Fixation by removable cores



Coated shaft-turbine

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Our Engineering and Development Department is constantly researching and studying the behaviour of fluids inside a vessel using Computational Fluid Dynamics (CFD) simulation software in order to optimise mixing processes.