Serie VTR

FluidMix® Effective Mixing

Tank m³

3 — 50 — 100



Mixer with radial blades turbine. It generates a flow perpendicular to the agitator axis, which makes it the ideal solution in tanks of variable volume and where it is foreseen to work with very low levels of liquid.

Due to the arrangement of the blades at 90º, radial turbines generate high turbulence.

- 2,2 Kw a 75 Kw
- 10-100m³
- 800 mm
- 20 rpm 75 rpm 120 rpm
- L>2500 mm
- AISI 316 AISI 304 CARBON STEEL

SECTORS

More common: Water treatment plants, Paper, Chemistry
Other uses: Food grande, painting, petrochemicals

EXTRA OPTIONS:

- Adjustable turn sense
- Food grade execution, Polishing
- Seal
- Atex

MATERIALS

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

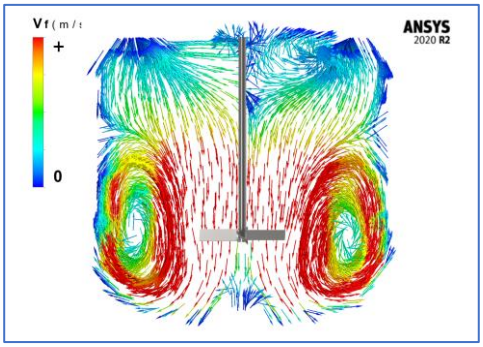
Fluidmix - Effective Mixing

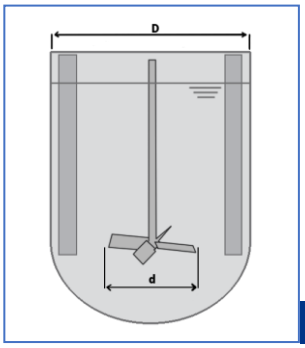
AXIAL FLOW

POSITION:
CENTERED WITH BAFFLES
OFF-CENTERED WITH OUT BAFFLES

RELATION d/D= 0,2-0,5

HIGH SHEAR STRESS





ABLE TO WORK WITH EMPTY TANKS

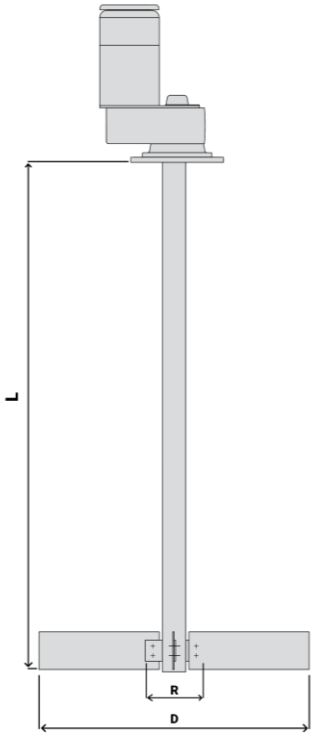


Mod: VTR4-05 03 C 05/35.6

Serie VPS

Find this product at the following linkt to our website:

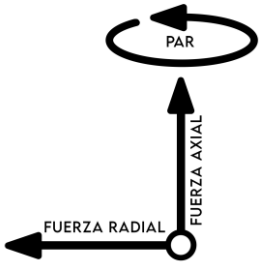
www.agitadoresfluidmix.com/agitador-industrial-vps/



- Kw
- R: ø – mm Minimum diameter
- RPM
- Cloclwise
- P: ø300 N: ø250 S: 4X15
- Shaft length: - mm
- Impeller diameter D=- - RPM
- AISI 316
- ??????

APPLICATIONS

MIX: Solid/liquid, Liquid/liquid
SUSPENSIION/ANTIDECANTATION OF SOLIDS
HEAT TRANSFER



Static and dynamic forces	
Radial	15 daN
Axial	5 daN
Torque	25 Nm
Weigth	45 Kg

Radial stress applies at shaft end. Remaining applies forces at anchor flange.

FIXATION OPTIONS:



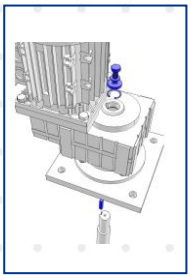
SQUARED PLATE



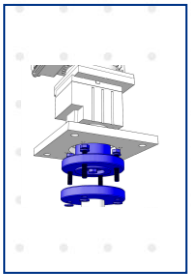
FLANGE DIN/ANSI



LINTERN

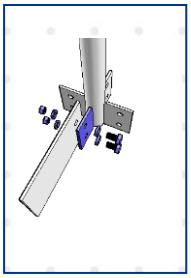


Hollow shaft mounting

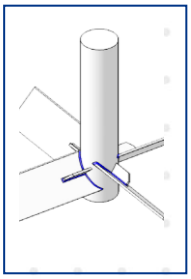


COUPLING

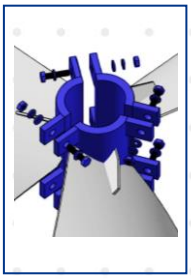
ASSEMBLY OPTIONS:



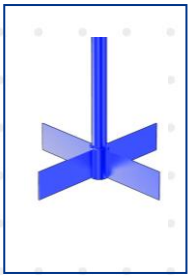
Turbine mounting with lugs



Turbine welded to the shaft



Impeller mounting removable cores



Coated shaft-impeller

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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.