

Great diameter pitched blades flocculation turbine.

Versatil equipment due to the simplicity of their blades. According to the tanks size, the turbine is dimensioned for the optimum flocculation in your water treatment process. The generated flow stream can be downwards, or upwards, depending on the water stream sense in the tank.

0,25 Kw a 7,5 Kw	10-100 m <sup>3</sup>	400-4000 mm
5 - 40 RPM	Up to 10 m	AISI 316 AISI 304 CARBON STEEL

**SECTORS**

Most common: Water treatment plants  
Other uses: Paper, chemical and petrochemicals, food industry, paints

### EXTRA OPTIONS:

Reversible flow sense	Downwards or upwards flow
Seal	Atex

**MATERIALS**

- Ebonite
- Butyl
- Duplex
- Super Duplex
- Titanium
- Hastelloy
- ...

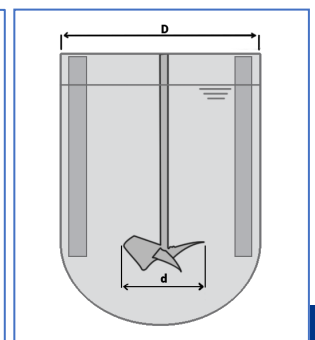
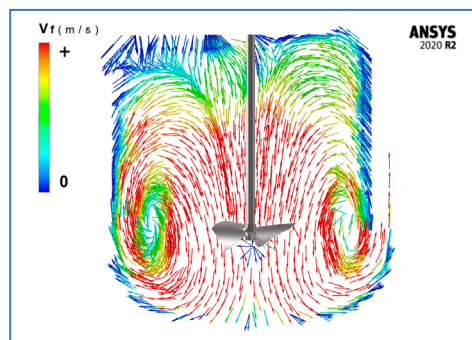
Fluidmix - Effective Mixing

### AXIAL FLOW

POSITION:  
CENTERED WITH BAFFLES  
OFF-CENTERED WITH OUT BAFFLES

RELATION  $d/D = 0,35-0,5$

LOW SHEAR STRESS



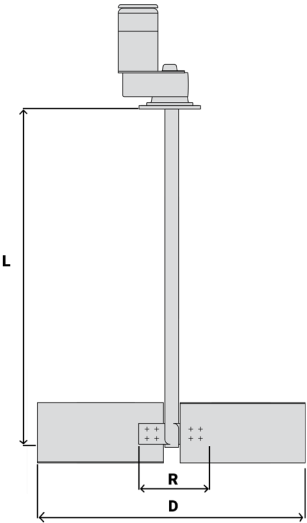
**ABLE TO WORK WITH EMPTY TANKS**

# Serie VFT

Find this product at the following link to our website:

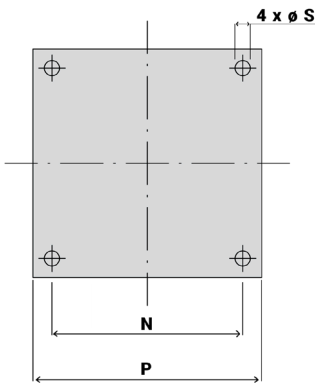
[www.agitadoresfluidmix.com/agitador-industrial-vft/](http://www.agitadoresfluidmix.com/agitador-industrial-vft/)

Model	Pow. (Kw)	Speed (rpm)	D (mm)	R (mm)	P (mm)	N (mm)	S (mm)	Weight (Kg)
VFT2-01 07 C 07/25.6	0,18	16	950	290	300	250	16	95
VFT2-02 06 C 095/28.6	0,25	13	1500	310	300	250	16	110
VFT2-03 06 C 11/22.6	0,37	15	1750	310	300	250	16	130
VFT2-03 07 C 07/30.6	0,37	18	1000	290	300	250	16	165
VFT2-04 07 C 11/22.6	0,55	20	1800	310	400	350	18	180
VFT2-07 08 C 115/45.6	1,5	22	1900	470	400	350	18	225

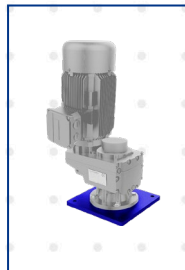


## APPLICATIONS

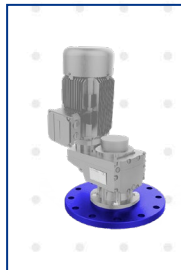
MIX: Solid/liquid, Liquid/liquid  
SUSPENSION  
FLOCCULATION



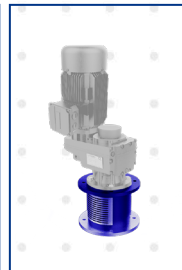
### FIXATION OPTIONS:



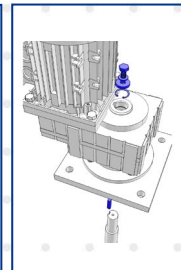
SDQUARE PLATE



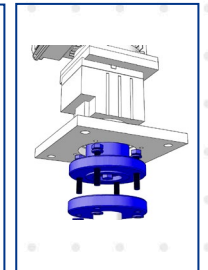
DIN/ANSI FLANGE



LANTERN

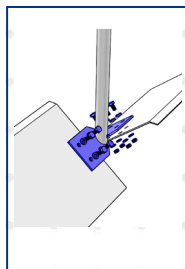


HOLLOW SHAFT

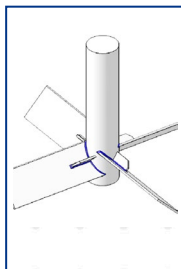


COUPLING

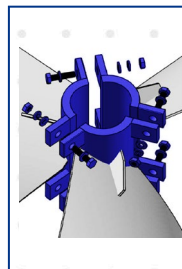
### ASSEMBLY OPTIONS:



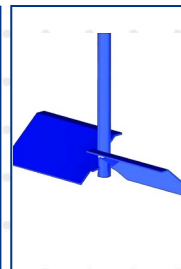
Fixation by lugs



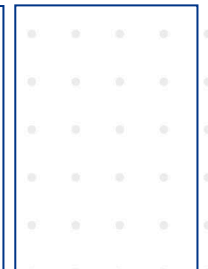
Impeller welded to the shaft



Fixation by removable cores



Coated impeller



Fixation with grub screws



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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.