Serie HPS DM TLL

FluidMix® Effective Mixing

Tank m³

3 — 50 — 100

Mainly used in large volume tanks for storage and mixing of low viscosity products.

In high tanks, the installation of one or more side agitators (depending on the volume) with the correct inclination and distance from the bottom of the tank is the most economical and efficient solution.

A specially designed propeller, rotating at high speed, generates the necessary flow to propel the fluid to the bottom of the tank and then up again by the opposite side of the tank.

- 0,75 Kw to 11 Kw
- 10 - 500 m³
- 350 to 600 mm
- ~285 rpm
- Turbulent Regime
- AISI 316

EXTRA OPTIONS:

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

MATERIALS

Hastelloy
Coating: PE, Halar
...

SECTORS

More common: Food grade, Water treatment plants, Chemistry
Other uses: Petrochemicals, Paper, Painting



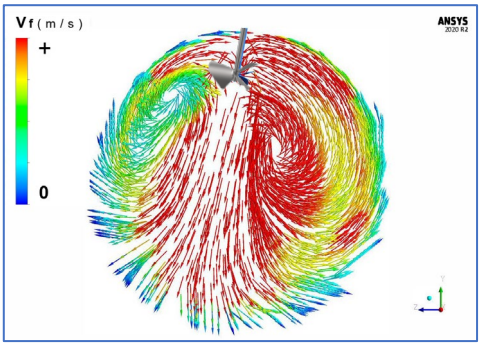
Fluidmix - *Effective Mixing*

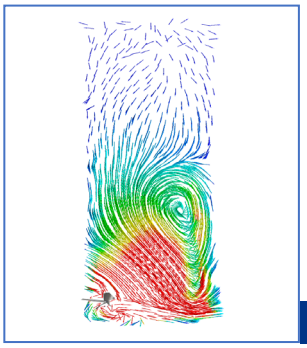
AXIAL FLOW

POSITION:
Lateral

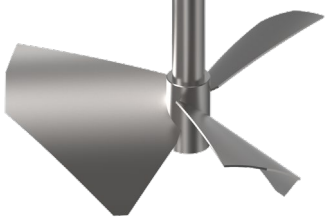
SUIABLE TO LARGE VOLUMES

HIGH EFFICIENCY





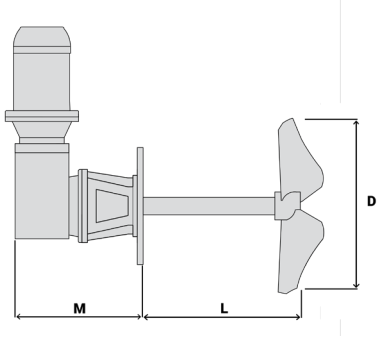
ABLE TO WORK WITH EMPTY TANKS

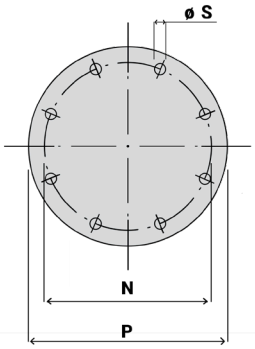


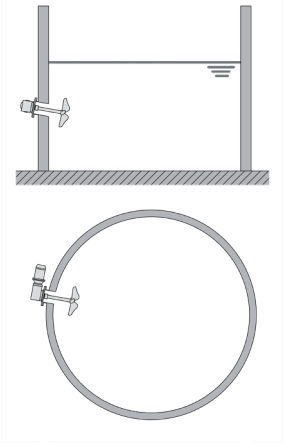
Serie HPS

Find this product at the following link to our website:

https://www.agitadoresfluidmix.com/en/industrial-agitator-hps/







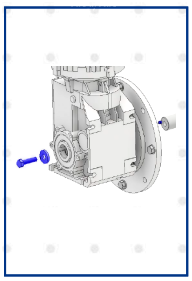
ModeL	Pow. (Kw)	M (mm)	L (mm)	D (mm)	Flange DIN2576	Weigth (g)
HPS3-05 18 L 04/05.6 DMTLL	0,75	440	500	350	DN125	56
HPS3-07 18 L 045/055.6 DMTLL	1,5	460	550	400	DN150	70
HPS3-08 18 L 05/06.6 DMTLL	2.2	500	600	425	DN150	75
HPS3-09 18 L 055/07.6 DMTLL	3	500	700	450	DN200	100
HPS3-10 18 L 065/07.6 DMTLL	4	515	700	525	DN200	125
HPS3-11 18 L 065/07.6 DMTLL	5,5	550	700	525	DN200	165
HPS3-12 18 L 07/07.6 DMTLL	7,5	555	700	550	DN250	173
HPS3-13 18 L 09/09.6 DMTLL	11	555	900	575	DN300	252

(*) Valid values for density and viscosity similar to those of water.

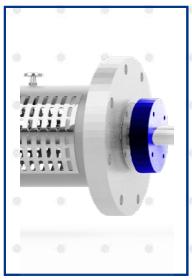
APPLICATIONS

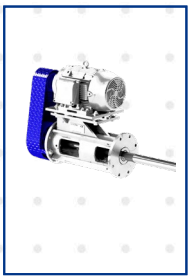
MIX: Solid/liquid, Liquid/liquid
SUSPENSIION/ANTIDECANTATION OF SOLIDS
HEAT TRANSFER

FIXING OPTIONS:

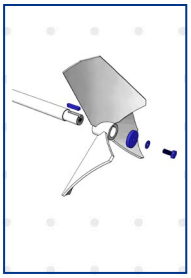

Hollow shaft fixing

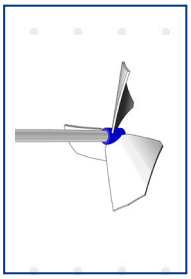

Flange DIN/ANSI

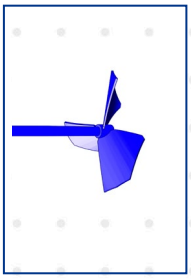

Sealing plate

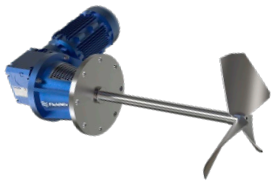

Pulley transmision

ASSEMBLY OPTIONS:


Impeller with key


Impeller welded to the shaft


Coated shaft-impeller



Ver vídeo

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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.