

High
agitation

PP Shaft
without
corrosion

Propeller
type
Marina

Volume
up
1,1 m³

Without
maintenance

Three-phase
and
mono-phase
versions



Colberge VRP

The agitators of the VRP series of high speed, provide a turbulent system and are ideal for various applications in water treatment such as preparation of reagents, homogenisation and simple agitation processes at an industrial level.

They are agitators with fixing flange, shaft, propeller type marina, built in Polypropylene.

The engines are used in direct action with four poles in single phase or three-phases versions, they are armored not needing any maintenance over its lifetime. They are protected by RAL 7001 anticorrosive-paint.

Technical features

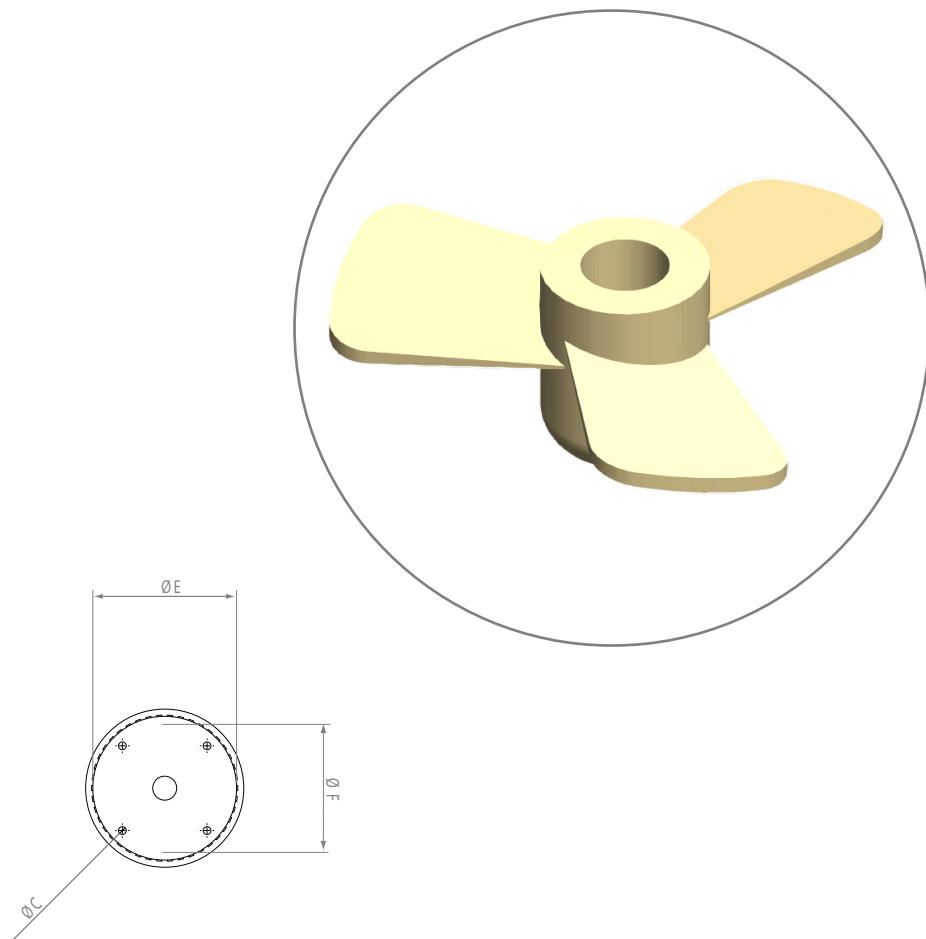
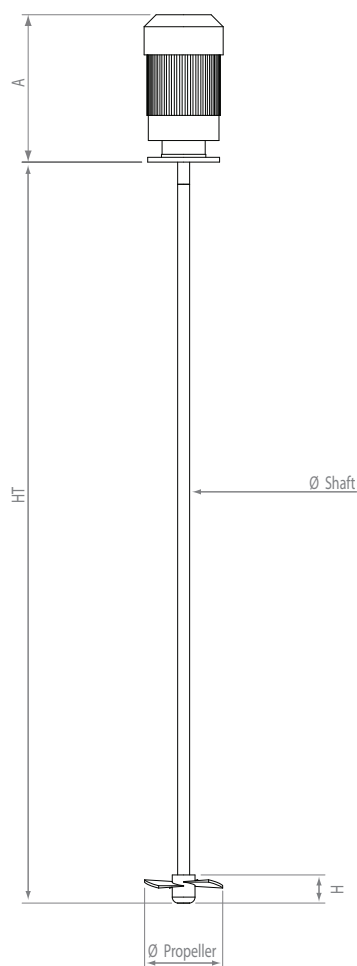
In the table shown below there are the VRP models, its main characteristics and limits of application according to the type of mixture, assuming the following assumptions for its design.

- Round deposits, with side walls, anti-vortex and ratio height/diameter <1.5.
- Centered agitator and apeak to the liquid.
- Propeller located at 1 / 3 of wet volume.
- Viscosity and density close to water.
- Process of shaking type batch.
- Agitation liquids compatible with polypropylene.

Notes

- The VRP agitators can not work dry, the engine can burn or warp the shaft.
- The x identifies a single phase (2) or three phase motor (3).

Views / Dimensions



VRP Series	Model	Power	Rot.	A	Ø E	Ø F	Ø C	Ø Propeller	Ø Shaft	Ht _{max}	Volume (L)
		kW	rpm								liters
	VRP 06X	0,15	940	220	140	115	11	120	20	600	100
	VRP 08X	0,15	940	220	140	115	11	120	25	800	200
	VRP 10X	0,25	940	230	160	130	11	140	25	1000	500
	VRP 12X	0,25	940	230	160	130	11	140	30	1200	1100

Dts VRP GbDC03062014