

FLOW ACCELERATORS

Mixing wastewater

DESCRIPTION

The flow accelerators are submersible mixers and the aim is to keep a mixed wastewater, derived from domestic or industrial plants. Their major advantage is the large hydraulic flow, due to the large diameter of the blades. This allows to use it in various applications.

BENEFITS

- ➔ Adjustable propeller blades
- ➔ Two-stage planetary gearbox in oil filled
- ➔ Blades in polyamide and fiberglass
- ➔ Propeller hub in stainless steel
- ➔ Motor housing and planetary gear in cast iron
- ➔ Bolts/Nuts and lifting system in stainless steel
- ➔ Galvanic isolation of components

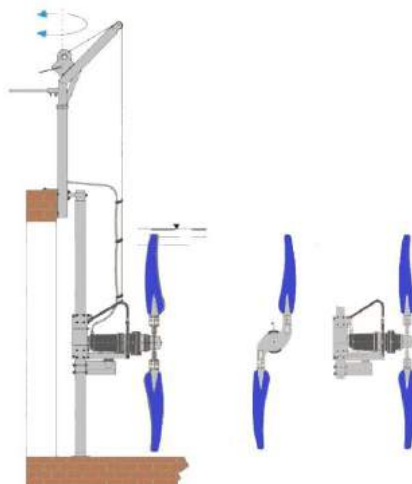


APPLICATIONS

- Nitrification and Denitrification tanks
- Sludge treatment tanks
- Industrial mixing

TECHNICAL FEATURES

- Asynchronous 3 phases electric motor
- 2 thermic probes in the stator winding
- Protection IP68 and F class insulation
- Max submergence depth: 20m
- Max solid content in the liquid: 12%
- Submersible H07-RN-F neoprene cable
- Fluid pH between 5 and 12
- Max temperature of pumped liquid: 40°C
- Continuous service



Model EQUIP FLOW	Number of blades	ø blades mm	RPM	Capacity m³/h	Axial force Newton	Power kW	Voltage V	Absorbed intensity A (at 400V)	Wiring			Line	
									Number of Cable	Number of cable conductors per section mm²	Cable length m	Direct	Y - Δ
1.5/6/2B	2	2300	925	11490	1226	1.5	230 - 400	4.2	1	9x1.5	10	Y	
2.2/6/2B			940	13594	1716	2.2		5.9				Y	
3/4/3B			1420	14716	2011	3		6.8				Y	
4/4/3B	3	2300	1405	16250	2452	4	400 - 690	9.1	1	9x2.5	10	Δ	Y - Δ
5.5/4/3B			1430	17803	2943	5		12.5				Δ	Y - Δ