AQUA'TEC HIGH-SPEED PROPELLER MIXER

P19-AQAG-FT-001

Product data sheet · Mixers

High-speed mixers designed by Aqua'Tec, from 0.185 to 0.75 kW, with single-phase or three-phase motor, stainless steel shaft and PP three-blade propeller. Shaft of specific length and PP or PVC shaft coating on request.



Technical data

Three-phase motor	230/400 V, 50/60 Hz
Single-phase motor	110/220 V, 50/60 Hz
Power	0.185 to 0.75 kW
Rotation speed	1,000 rpm
Shaft	Stainless steel
Propeller	PP, three-blade, blades inclined at 30°, three diameters
Coupling	Designed by Aqua'Tec
Manufacture	Parts manufactured and assembled in Vonnas (France)
On request	Shaft of specific length; PP or PVC shaft coating

Description

Aqua'Tec high-speed mixers are intended for agricultural, industrial and environmental uses.

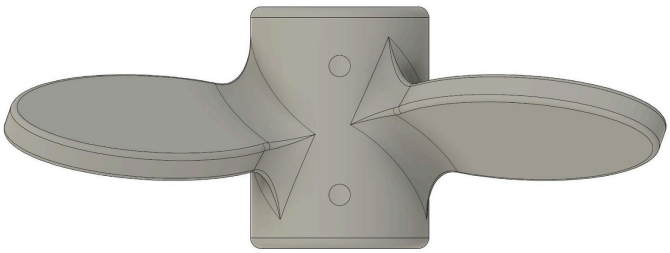
- **Motor**: electric, three-phase 230/400 V or single-phase 110/220 V, 50/60 Hz.
- **Mixer shaft**: stainless steel, corrosion-resistant.
- **Propeller**: PP, designed by Aqua'Tec for mixing and to resist abrasion and chemicals.
- **Coupling**: designed by Aqua'Tec, for easier maintenance.
- **Manufacture**: parts manufactured and assembled in Vonnas (France).

Propeller

The PP three-blade propeller has blades inclined at 30° and a reinforced attachment to the shaft. It is available in three diameters: 110, 140 and 185 mm.



Three-blade propeller



Propeller hub and attachment

Performance

Models

Code	Power (kW)	Rotation speed (rpm)	Shaft length (mm)	Shaft diameter (mm)	Impeller diameter (mm)	Current (A)
Three-phase motor 230/400 V, 50/60 Hz						
AQAG-T18-R10	0.185	1000	1100	20	110	0.9
AQAG-T37-R10	0.37	1000	1300	20	140	1.3
AQAG-T55-R10	0.55	1000	1500	25	185	1.7
AQAG-T75-R10	0.75	1000	1500	25	185	2.1
Single-phase motor 110/220 V, 50/60 Hz						
AQAG-M18-R10	0.185	1000	1100	20	110	1.33
AQAG-M37-R10	0.37	1000	1300	20	140	3

On request, the shaft can be supplied in a specific length, and given a PP or PVC coating to protect it from the mixed product.

Applications

The mixer is fitted to the Aqua'Tec dosing tank kit: tank, mixer, support and screws, ready to use. The support can also hold a dosing pump.



Dosing tank kit with mixer and dosing pump

Related documents : P08-KITCUV-FT-001, P19-HR-FT-001, P19-VR-FT-001

Product codes : AQAG-T18-R10, AQAG-T37-R10, AQAG-T55-R10, AQAG-T75-R10, AQAG-M18-R10, AQAG-M37-R10