



APPLICATION

The AB agitator has a shaft-welded impeller driven by a socket system mounted directly to the motor shaft. TMI recommends this type of appliance for small volumes and simple mixing applications. Agitation is determined by the required application. AB agitators have a 120 or 160 diameter turbine, and can also be secured by a mounting plate or screw-clamp system. We supply with three-phase 50 Hertz tropicalized motors as standard. The standard impeller shaft is made from 316L stainless steel.

For high-speed operation (695 rpm), the motors power the impeller shaft by direct drive. The shaft length must not exceed 1 m. A low-speed agitator should be used for longer shafts.

OPTIONS

- Specific voltages
- 60 Hz
- Atex motor
- Compressed air motor
- Single-phase motor
- Power cord and plug
- High-specification materials (Uranus 52N, Uranus B6, range of coatings, etc)
- Other options are available according to requirements. Contact us for information.

SUMMARY

- Reagent preparations
- Batch treatment 1 hour a day
- Max. volume 1,000 litres
- Max. shaft length: 1,000 millimetres
- Standard 230/400 V • Three-phase 50 Hz Tropicalized
- Mounting plate or clamp attachment

TECHNICAL DATA

Type	Ø Impeller	P (kw)	N (tr/min)	Q (m3/h)	Weight (kg)
A...110-6	160	1,1	920	203	20
A...75-6	160	0,75	930	203	20
A...18-8	160	0,18	920	152	13
A...18-7	120	0,18	690	90	13

> Drawing for illustration purposes

