

Vertical agitators

MD direct motor vertical agitators are designed to prepare reagents in small volume vessels. The main characteristics of these agitators is that they are basic, very compact and lightweight but with high performance, making them ideal to attach directly on HDPE vessels.

The connection system between the motor and the shaft using a coupling sleeve makes maintenance tasks easier. The interchangeability of the agitating components makes these units highly versatile and adaptable to different agitating requirements. The MD units can be used to make dilutions, dissolutions, homogenisations and agitations of mixes thanks to the high turning speed of the impeller.

MD agitators are used mainly in water treatment, and can also be found in the chemical industry.



CHARACTERISTICS

- IEC Motor flange
- Direct motor
- Simplicity of parts
- Easy assembly/dismounting
- MARINE propeller
- Interchangeability of agitator components

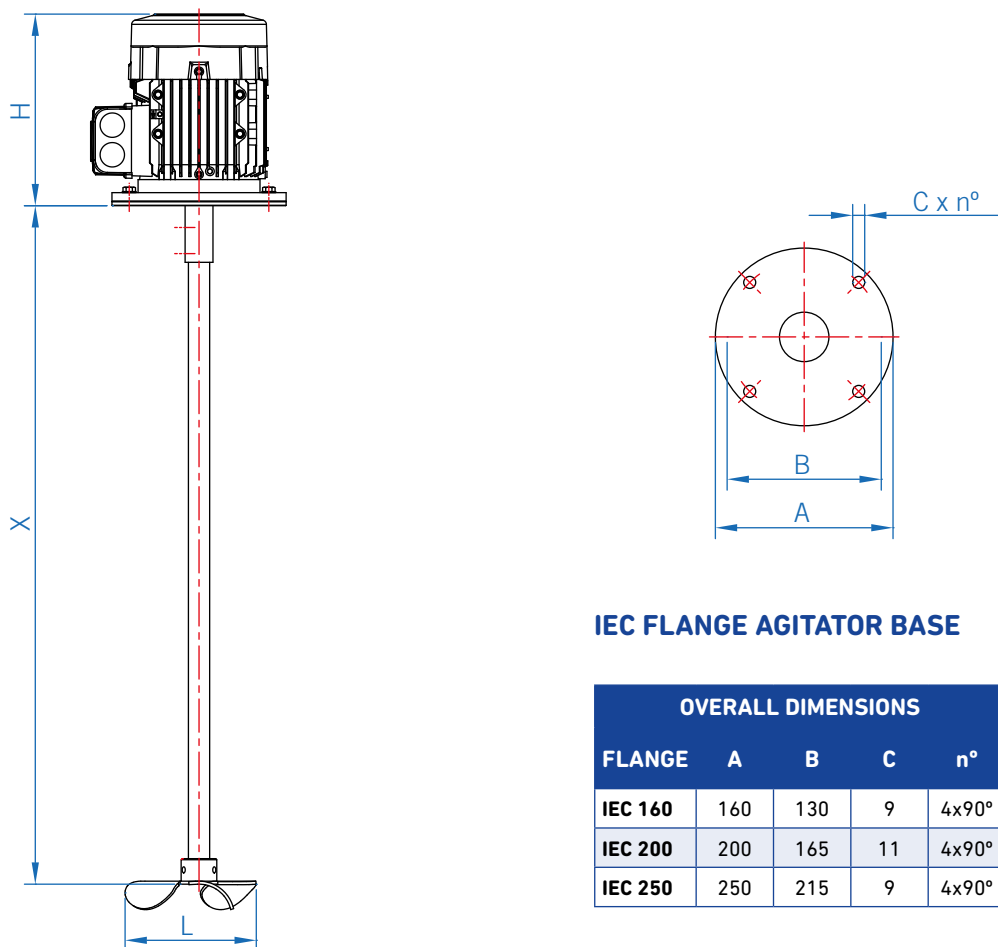
MATERIALS

- Shaft/propeller material stainless steel AISI 304

OPTIONS

- Other materials: AISI 316, 904L, etc.
- Control panel
- V-ring sealing
- Other types of propeller
- Propeller and shaft plastic materials covering (PVC, PE or resin)
- Manual/automatic elevation system
- Polyethylene tank
- Casing

DIMENSIONS AND CHARACTERISTICS OF THE MD MODEL



IEC FLANGE AGITATOR BASE

OVERALL DIMENSIONS				
FLANGE	A	B	C	n°
IEC 160	160	130	9	4x90°
IEC 200	200	165	11	4x90°
IEC 250	250	215	9	4x90°

SELECTION CHARTS

MD AGITATOR FOR REAGENTS PREPARATION OR NEUTRALIZATION

VOLUME	MODELS	DRIVE UNIT	Ø SHAFT	MAX. LENGTH	Ø PROPELLER	WEIGHT KG
300L	MD 0.18 - 850 / 130	MOTOR DIRECTO	16	1000	130	10
500L	MD 0.37 - 1500 / 130	MOTOR DIRECTO	16	1000	130	12
1000L	MD 0.75 - 1500 / 150	MOTOR DIRECTO	16	1200	150	15
1500L	MD 1.1 - 1500 / 150	MOTOR DIRECTO	20	1500	150	17
2000L	MD 1.5 - 1500 / 175	MOTOR DIRECTO	20	1500	175	20

MD AGITATOR FOR LIME OR POLYELECTROLYTE PREPARATION

VOLUME	MODELS	DRIVE UNIT	Ø SHAFT	MAX. LENGTH	Ø PROPELLER	WEIGHT KG
300L	MD 0.18 - 1000 / 130	MOTOR DIRECTO	16	1000	130	10
500L	MD 0.75 - 1500 / 130	MOTOR DIRECTO	16	1200	130	12
1000L	MD 1.1 - 1500 / 150	MOTOR DIRECTO	20	1500	150	17
1500L	MD 1.5 - 1500 / 175	MOTOR DIRECTO	20	1500	175	18