

HIGH SPEED MIXERS

HD SERIES

(Non viscous fluids -Tanks up to 3 m³ - Atmospheric pressure)

HD



The HD Series are high speed mixers ideal for dissolving reagents in storage units of up to 3,000 liters.

A marine propeller, working as drive element, is affixed to the shaft with bolts which enables to change its position easily when necessary.

HD mixers are suited with a dry well with bearing to absorb radial strength created by the rotation of the propeller.

Easy to install and operate HD mixers require no maintenance at all. They can optionally be equipped with a heavy duty clamp assembly to function as a portable agitator.

TECHNICAL FEATURES

Direct drive.
Rotation speed 750, 1.000 or 1500 rpm.
Dry well with bearing.
Solid bar shaft.
Marine propeller.

APPLICATIONS

Homogenization
Dilution
Dissolution.
Reagents preparation

OPERATIONAL LIMITS

Tanks up to 3 m³.
Viscous fluids not recommended.
Not running with empty tank or during draining.
Shaft max. 1500 mm.

FEEDING

Three or single phase motors.
Range from 0,18 Kw to 1,5 Kw.
Motors can be selected to suit legislative and regional requirements included Atex.

WETTED PARTS MATERIAL

Stainless steel AISI316.
Special alloys.

OPTIONS

Pneumatic drive.
Heavy duty clamp.
Second propeller.
Lip seal.
FDA-certified.
Special protection against dust and water.
Wetted parts copolymer coated.

* We recognize the importance of material traceability and can provide a quality documentation package with the mixer. We can include CE Conformity, FDA Conformity, Quality Plan, 3.1 Construction materials certificates and Surface Finish Certificates.

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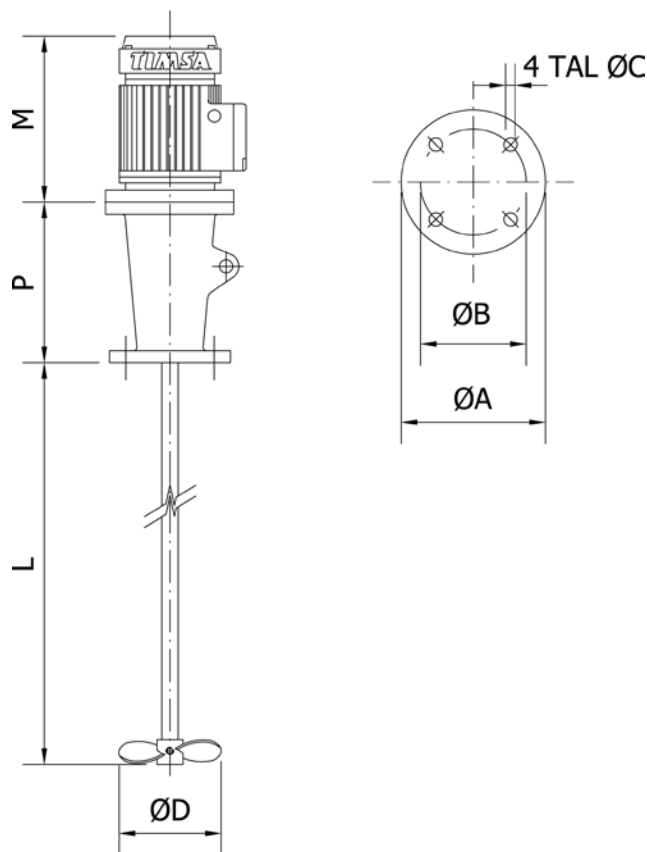
Volume (m ³)	Model	kW	Rpm	Q (m ³ /h)	M (mm)	P (mm)	L (mm)	D (mm)	Weight (Kg)
0,5	HD-01 02 P 02	0,18	1.000	75	188	200	500	128	15
0,5-1	HD-03 03 P 02	0,37	1.500	113	215	200	1.000	128	18
1-1,5	HD-05 03 P 03	0,75	1.500	148	232	200	1.000	140	20
1,5-2	HD-06 03 P 04	1,1	1.500	221	267	200	1.500	160	25
2-3	HD-07 03 P 05	1,5	1.500	432	267	200	1.500	200	30

Mounting flange	A (mm)	B (mm)	C (mm)
HD-01 02 P 02	150	110	14
HD-03 03 P 02	150	110	14
HD-05 03 P 03	150	110	14
HD-06 03 P 04	150	110	14
HD-07 03 P 05	150	110	14

* Most frequent assemblies. Your TIMSA sales engineer is available to discuss the specific details of your application to make sure the optimum mixer is selected for your needs.

* Design features, materials of construction and dimensional data as described in this bulleting are provided for your information only and subject to change without previous notice.

* For more information go to www.timsa.com



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