

Mixer POD-I

Landia mixer, direct-driven, with motors available in 0.9 to 30.2 HP. Agitates, homogenizes and keeps solids in suspension in liquids, slurry and sludge at wastewater treatment plants and in industrial applications.



- Propeller designed for maximum mixing efficiency.
- Extremely resistant sealing systems, available in optional models for aggressive, corrosive or abrasive liquids.
- Pressure tested waterproof motor casing, IP 68 rated.
- Stator in insulation class F, thermal sensors embedded in windings.
- Available with explosion proof motor.
- Mast systems are available with multiple mounting and adjustment configurations, and can be customized per the application requirements.

Quality in every detail

Mixer POD-I

Performance and specifications:

Article no. (460 V)	Motor size HP	Motor series	Motor rpm	Propeller rpm	Performance approx. gpm	Weight lb
1224398	1.8	80	1800	1800	1012	68
1224302	3.6	90	1800	1800	1980	84
1224303	4.9	100	1800	1800	2640	128
1224304	6.5	100	1800	1800	3740	136
1224305	9.0	112	1800	1800	5060	154
1224307	12.2	132	1800	1800	7040	247
1224311	17.9	132	1800	1800	9900	262
1224315	24.9	160	1800	1800	13640	315
1224318	30.2	160	1800	1800	16720	389
1228396	0.9	80	900	900	660	75
1228397	1.2	90	900	900	990	86
1228398	1.8	100	900	900	1320	117
1228301	2.4	100	900	900	1870	128
1228302	3.6	112	900	900	2640	145
1228303	4.9	112	900	900	3630	163
1228304	6.5	132	900	900	4840	224
1228305	9.0	132	900	900	6710	246
1228307	12.2	160	900	900	9020	359

Motor:

3-phase AC motor, 60 Hz, voltage: 460V.

All specifications and performance data are applicable for water. Optional propeller types and motors are available for specific mixing applications.

Materials:

Motor casing: cast iron AISI A48-40B
 Oil chamber: cast iron AISI A48-40B
 Propeller: steel AISI A570 GR36
 Motor shaft: steel AISI 4340 sealed against the liquid
 Screws: acidproof stainless steel

The mixer can be supplied with a propeller of stainless steel or with special coating.
 2-component coating is recommended.

The following information should be given with each inquiry:

- purpose of application
- dimensions of silo / tank
- type of liquid
- dry matter content
- temperature
- operating frequency
- minimum and peak flow rate

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