

Stainless steel mixer PODR-I

Landia mixer manufactured of acidproof stainless steel materials, direct driven, available in 1.8 to 17.9 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 housing, IP 68 rated.
- Stator in insulation class F, thermal sensors embedded in windings.
- Motor casing and oil chamber manufactured of acidproof stainless steel (AISI 316).
- Mast systems are available with multiple mounting and adjustment configurations, and can be customized per the application requirements.

Quality in every detail

Stainless steel mixer

PODR-I

■ Performance and specifications:

Article no. (460 V)	Motor size HP	Motor series	Motor rpm	Propeller rpm	Performance approx. gpm	Weight lb
1224203	4.9	100R	1800	1800	2640	128
1224204	6.5	100R	1800	1800	3740	136
1224207	12.2	132R	1800	1800	7040	247
1224211	17.9	132R	1800	1800	9900	262
1224215	24.5	160R	1800	1800	13640	326
1224218	30.2	160R	1800	1800	16720	404
1228298	1.8	100R	900	900	1320	114
1228201	2.4	100R	900	900	1870	125
1228204	6.5	132R	900	900	4840	219
1228205	9.0	132R	900	900	6710	241
1228207	12.2	160R	900	900	9020	370

■ 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: acidproof stainless steel (AISI 316)
Oil chamber: acidproof stainless steel (AISI 316)
Propeller: stainless steel (AISI 304)
Motor shaft: steel AISI 4340 Corrosion proof encasement against medium
Screws: acidproof stainless steel

■ 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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CC00B.C15-010703



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