

Mixer POP-I

Landia mixer, planetary gear driven, available in 1.8 to 30.2 HP. Designed for hard working conditions, effectively agitates, homogenizes and keeps solids in suspension in liquids, slurry and sludge at wastewater treatment plants and in industry.



- Propeller designed for optimum flow creation / homogenization.
- Triple shaft sealing system in optional materials.
- Sturdy planetary gear system giving the propeller ideal speed / efficiency.
- Pressure tested waterproof motor housing, IP 68 rated.
- Stator in insulation class F, thermal sensors embedded in windings.
- Available with explosion proof motor.
- Most systems are available with multiple mounting and adjustment configurations, and can be customized per the application requirements.

Quality in every detail

Mixer POP-I

■ Performance and specifications:

Article no. (460 V)	Motor size HP	Motor series	Motor rpm	Propeller rpm	Performance approx. gpm	Weight lb
1124398	1.8	80	1800	360	1870	152
1124301	2.4	80	1800	360	2420	156
1124302	3.6	90	1800	360	3410	163
1124303	4.9	100	1800	360	4730	209
1124304	6.5	100	1800	360	6380	218
1124305	9.0	112	1800	360	8690	247
1124307	12.2	132	1800	360	11880	335
1124311	17.9	132	1800	360	17380	427
1124315	24.5	160	1800	360	23760	517
1124318	30.2	160	1800	360	29260	533

■ 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 housing: cast iron AISI A48-40B
Oil chamber: cast iron AISI A48-40B
Propeller: steel AISI A570 GR50
Gear shaft: steel AISI 9840 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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