

Stainless steel mixer POPR-I

Landia mixer manufactured of acidproof stainless steel materials, planetary gear driven, available in 4.9 to 30.2 HP. Designed for hard working conditions in aggressive chemical applications. Effectively agitates, homogenizes and keeps solids in suspension in liquids, slurry and sludge at industrial and domestic wastewater treatment plants.



- Propeller designed for optimum flow / homogenization.
- Extremely resistant sealing system, optional materials available for very aggressive or very abrasive liquids.
- 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.
- Motor housing / gear encasement 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

POPR-I

■ Performance and specifications:

Article no. (460 V)	Motor size HP	Motor series	Motor rpm	Propeller rpm	Performance approx. gpm	Weight lb
1124203	4.9	100R	1800	360	4730	209
1124204	6.5	100R	1800	360	6380	218
1124207	12.2	132R	1800	360	11880	335
1124211	17.9	132R	1800	360	17380	427
1124215	24.5	160R	1800	360	23760	517
1124218	30.2	160R	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/

gear encasement: acidproof stainless steel (AISI 316)

Propeller: stainless steel (AISI 304)

Gear shaft: steel AISI 9840 sealed against the liquid

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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