

Stainless steel mixer POPR-I

Landia mixers constructed of acidproof stainless steel materials, with gear and motors from 1,1 to 18,5 kW. Designed for hard working conditions in chemically aggressive liquids. Effectively agitates, homogenizes and keeps in suspension solids in liquids, slurries and sludges in industrial and domestic sewage water plants.



- Propeller shaped for optimum flow creation/homogenization.
- Extremely resistant sealing system against the liquid, special materials available for very aggressive or very abrasive liquids.
- Sturdy gear, giving the propeller ideal rotations/efficiency.
- Pressure tested waterproof motor housing in protection class IP 68.
- Stator in insulation class F, thermal sensors in windings.
- Motor casing/gear encasement of acidproof stainless steel (AISI 316).
- Extensive installation and operating equipment programme of stainless steel.

Quality in every detail

Stainless steel mixer

POPR-I

■ Performances and specifications:

Article no. (400 V)	Motor size kW	Motor series	Motor rpm	Propeller rpm	Performance approx. m ³ /h	Weight kg
1114203	3,0	100R	1500	300	1075	113
1114204	4,0	100R	1500	300	1450	119
1114207	7,5	132R	1500	300	2700	164
1114211	11,0	132R	1500	300	3950	194
1114215	15,0	160R	1500	300	5400	235
1114218	18,5	160R	1500	300	6650	242
1118298	1,1	100R	750	150	550	116
1118201	1,5	100R	750	150	775	126
1118204	4,0	132R	750	150	2050	178
1118305	5,5	132R	750	150	2750	209
1118307	7,5	160R	750	150	3850	242

■ Motor:

3-phase AC motor, 50 Hz Voltage: 400V.

All specifications and performance data are applicable for water. Different propeller types can be supplied suitable for the medium and waste water treatment plant in question. Other motor/propeller combinations are possible.

■ Materials:

Motor housing/

gear encasement: acidproof stainless steel (AISI 316)

Propeller: acidproof stainless steel (AISI 304)

Gear shaft: steel (AISI 9840) Acidproof stainless steel encased 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
- expected working periods/-intervals
- possible flow volume through the tank

The text and technical data given may not be reproduced partly or completely without permission from Landia A/S
We reserve the right to make technical alterations.
AA00B.C15-020915.



Landia A/S
Industrivej 2
DK-6940 Lem St.
Tel.: +45 97 34 12 44
Fax: +45 97 34 16 98
e-mail: info@landia.dk
www.landia.dk