

## Mixer POP-I

Landia mixers with gear and motors from 1,1 to 18,5 kW. Designed for hard working conditions, effectively agitates, homogenizes and keeps in suspension solids in liquids, slurries and sludges in sewage water plants and industry.



- Propeller shaped for optimum flow creation/homogenization.
- Triple shaft sealing system against the liquid.
- 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.
- Can be supplied with explosion proof motor.
- Extensive mounting and operation equipment programme, also of stainless steel or according to individual requirements.

**Quality in every detail**

# Mixer

## POP-I

### ■ Performances and specifications:

Article no. (400 V)	Motor size kW	Motor series	Motor rpm	Propeller rpm	Performance approx. m <sup>3</sup> /h	Weight kg
1114398	1,1	80	1500	300	425	69
1114301	1,5	80	1500	300	550	71
1114302	2,2	90	1500	300	775	74
1114303	3,0	100	1500	300	1075	95
1114304	4,0	100	1500	300	1450	99
1114305	5,5	112	1500	300	1975	112
1114307	7,5	132	1500	300	2700	152
1114311	11,0	132	1500	300	3950	194
1114315	15,0	160	1500	300	5400	235
1114318	18,5	160	1500	300	6650	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 task of the waste water treatment plant in question. Other motor/transmission/propeller combinations are possible.

### ■ 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: steel/acidproof stainless steel

The mixer can be supplied with propeller of stainless steel or special surface coating. We recommend 2-component coating.

### ■ 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

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