

Stainless steel mixer PODR-I

Landia mixers constructed of acidproof stainless steel materials, from 1,1 to 11,0 kW. Agitates, homogenizes and keeps in suspension solids in liquids, slurries and sludges in waste water treatment plants and in industry.



- Propeller shaped for maximum mixing efficiency.
- Extremely resistant sealing systems against the liquid, available in different versions for aggressive, corrosive or abrasive liquids.
- Pressure tested waterproof motor housing, protection class IP 68.
- Stator in insulation class F, thermal sensors in windings.
- Motor housing and oil chamber in acidproof stainless steel (AISI 316).
- Complete mounting and operating equipment in stainless steel.

Quality in every detail

Stainless steel mixer

PODR-I

■ Performances and specifications:

Article no. (400 V)	Motor size kW	Motor series	Motor rpm	Propeller rpm	Performance approx. m ³ /h	Weight kg
1214203	3,0	100R	1500	1500	600	58
1214204	4,0	100R	1500	1500	850	62
1214207	7,5	132R	1500	1500	1600	115
1214211	11,0	132R	1500	1500	2250	125
1214215	15,0	160R	1500	1500	3100	148
1214218	18,5	160R	1500	1500	3800	182
1218298	1,1	100R	750	750	300	53
1218201	1,5	100R	750	750	425	58
1218204	4,0	132R	750	750	1100	102
1218205	5,5	132R	750	750	1525	112
1218207	7,5	160R	750	750	2050	168

■ 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/propeller combinations are possible.

■ Materialer:

Motor housing: acidproof stainless steel (AISI 316)
Oil chamber: acidproof stainless steel (AISI 316)
Propeller: acidproof 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
- expected working periods/-intervals
- possible flow volume through the tank

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