

Recirculation pump AXP-I 500

Landia axial pump, planetary gear driven, available in 3.6 to 17.9 HP. For pumping of large liquid quantities at low head at wastewater treatment plants and in industrial applications.



- Propeller designed for high efficiency pumping.
- Triple shaft sealing system.
- Sturdy planetary gear system giving the impeller ideal speed / efficiency.
- Pressure tested waterproof motor casing, IP 68 rated.
- Stator in insulation class F, thermal sensors embedded in windings.
- Available with explosion proof motor.
- Complete mounting and operation equipment, of stainless steel or according to individual requirements.

Quality in every detail

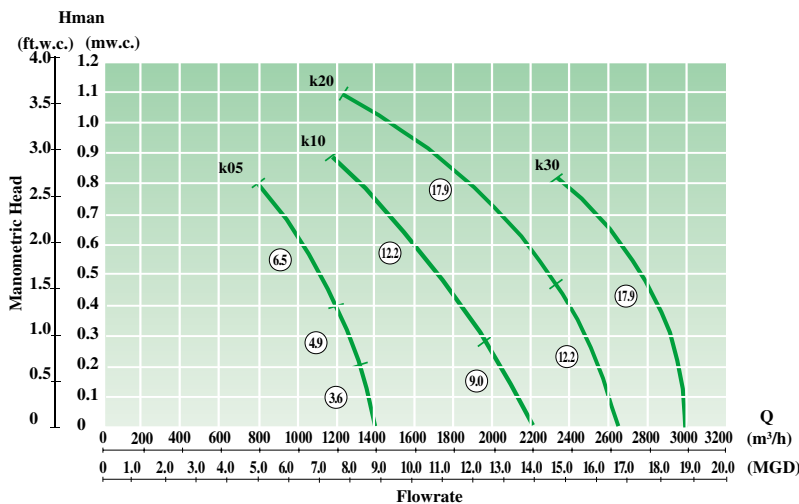
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Performance and specifications:

Article no. (460 V)	Motor size HP	Motor series	Motor rpm	Propeller rpm	Pipe diameter mm	Weight lb
1824500	3.6	90	1800	360	ø500	191
1824501	4.9	100	1800	360	ø500	218
1824502	6.5	100	1800	360	ø500	235
1824503	9.0	112	1800	480	ø500	240
1824507	12.2	132	1800	480	ø500	318
1824508	17.9	132	1800	480	ø500	342

Motor:

3 phase AC motor, 60 Hz, voltage 460V.



Materials:

Motor casing: cast iron AISI A48-40B 2-component coated
 Oil chamber: cast iron AISI A48-40B 2-component coated
 Propeller: AISI 304 stainless steel
 Gear shaft: AISI 9840 steel sealed against the liquid
 Screws: acidproof stainless steel
 Volute insert: AISI 304 stainless steel

The following information should be given with each inquiry:

- purpose of application
- manometric head
- type of liquid
- dry matter content
- required performance
- operating frequency
- possible VFD operation

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Landia Inc.
 111 Triangle Trade Drive
 Cary, NC 27513
 Phone: 919 466 0603
 Fax: 919 460 1666
 E-mail: info@landiainc.com
 www.landia.dk