

## Recirculation pump AXD-I 300

Landia axial pump, direct driven, available in 2.4 to 6.5 HP. For pumping large liquid quantities at low head at wastewater treatment plants and in industrial applications.



- Propeller designed for high efficiency pumping.
- Extremely resistant sealing systems, available in optional models for aggressive, corrosive or abrasive liquids.
- 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**

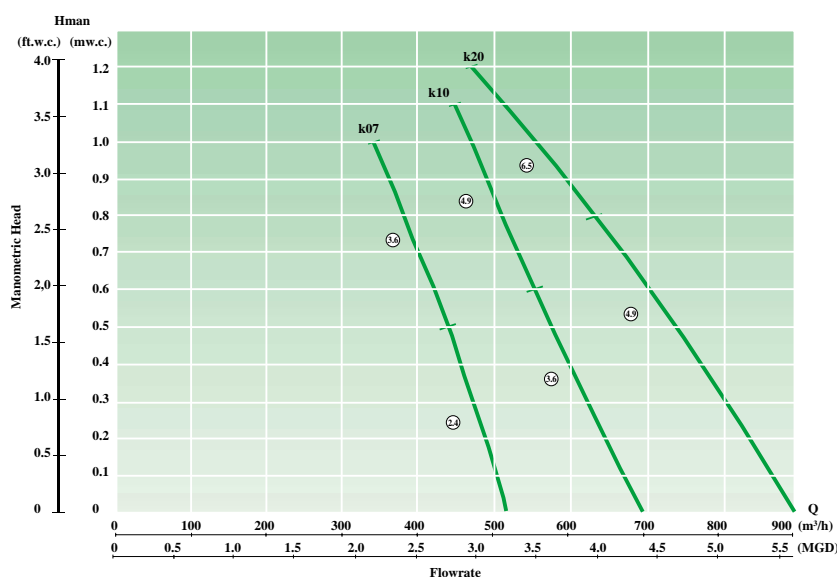
# Recirculation pump AXD-I 300

## Performance and specifications:

| Article no.<br>(460 V) | Motor<br>size HP | Motor<br>series | Motor<br>rpm | Propeller<br>rpm | Pipe diameter<br>mm | Weight<br>lb |
|------------------------|------------------|-----------------|--------------|------------------|---------------------|--------------|
| 1728300                | 2.4              | 100             | 900          | 900              | ø300                | 150          |
| 1728302                | 3.6              | 112             | 900          | 900              | ø300                | 167          |
| 1728303                | 4.9              | 112             | 900          | 900              | ø300                | 174          |
| 1728305                | 6.5              | 132             | 900          | 900              | ø300                | 250          |

## 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  
 Motor shaft: AISI 4340 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

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.  
 CG00A.C15-15.06.01



**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