

## High-pressure submersible Chopper Pump

Operating at high-pressure makes this pump ideally suited for long distance pumping.

Landia's unique knife system eliminates clogging risks and ensures comminution of coarse solid parts making the pump especially suited for pumping heavily contaminated liquids with a high dry matter content, such as domestic and industrial wastewater, sludge and slurry, pulp, fish offal and other organic by-products.

### Landia high-pressure sub pump type DG-I H



- Specially designed impeller for difficult mediums
- Guide traces in the pump front and back plate ensure no stringy materials will be "caught" in the pump
- Vertical or horizontal mounting
- Motors ranging from 2.2 to 18.5 kW, protection class IP 68
- Chopping systems adapted to liquid characteristics and process requirements
- Available with impeller adapted to constant head
- Available with equipment for mounting on existing installation
- Available with explosion-proof motor
- Optional lifting equipment for easy maintenance

**Quality in every detail**

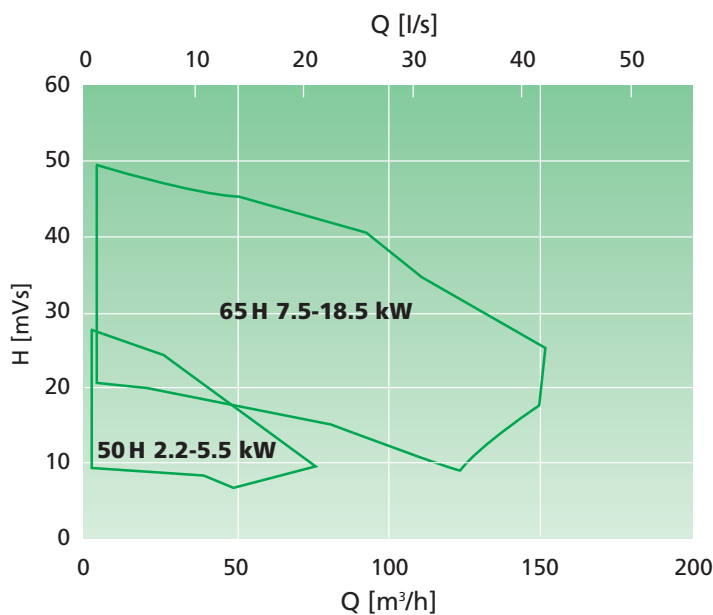
# DG-I H high-pressure

## Performance and data:

Article no:	Type	Motor size kW	Max. current absorbed (Ampere)	Tank opening W x L (mm)	Weight (kg)
2312102	DG-I 50 H	2.2	4.6	380x650	40
2312103	DG-I 50 H	3.0	6.2	380x650	43
2312104	DG-I 50 H	4.0	8.4	380x650	55
2312105	DG-I 50 H	5.5	11.0	380x650	60
2312717	DG-I 65 H	7.5	14.5	480x860	80
2312711	DG-I 65 H	11.0	20.0	480x860	105
2312715	DG-I 65 H	15.0	27.0	480x860	140
2312718	DG-I 65 H	18.5	32.0	480x860	155

## Motor:

Motor: 3x380-415V 50Hz, 3000 rpm.  
Different motor specifications available.



## Materials:

Pump, motor casing and impeller: Cast iron Aisi A48-40B Knife system: Hardened steel

## For correct sizing the following information is required:

- Operating conditions • Performance requirement • Type of effluent • Effluent characteristics
- Dry matter content • Temperature • Pipe diameter • Pipe length • Total manometric head

We reserve the right to make technical alterations.

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