

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 30.0 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

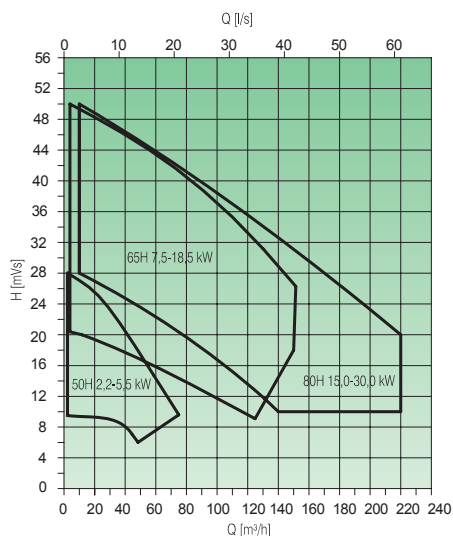
DG-I H high-pressure

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	650x400	40
2312103	DG-I 50 H	3,0	6,2	650x400	43
2312104	DG-I 50 H	4,0	8,4	700x400	55
2312105	DG-I 50 H	5,5	11,0	700x400	60
2312717	DG-I 65 H	7,5	14,5	750x500	80
2312711	DG-I 65 H	11,0	20,0	800x500	105
2312715	DG-I 65 H	15,0	27,0	850x500	140
2312718	DG-I 65 H	18,5	32,0	850x500	155
2312815	DG-I 80 H	15,0	27,0	950x650	185
2312818	DG-I 80 H	18,5	32,0	950x650	200
2312822	DG-I 80 H	22,0	37,5	950x650	254
2312830	DG-I 80 H	30,0	50,5	950x650	276

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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