

High pressure submersible Slurry pump

Operating at high pressure makes this pump ideally suited for long distance pumping of raw and thick slurry. Also well-suited for biogas applications.

Landia's unique knife system eliminates clogging risks and ensures comminution of coarse solid parts making the pump especially suited for the pumping of heavily contaminated and thickened liquids with a high dry matter content.

Numerous application possibilities in agriculture and industry.

Landia high pressure pump type DG H

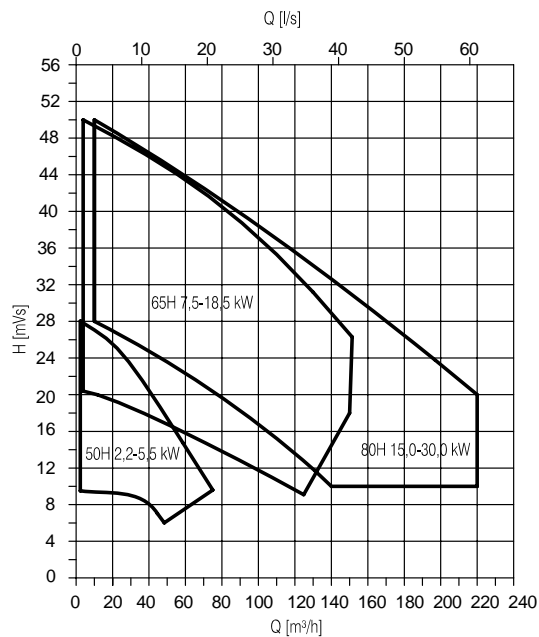


- Specially designed impeller for difficult mediums
- Guide traces in the pump casing ensure that no dry matter parts will be "caught" in the pump
- Horizontal or vertical mounting
- Motor sizes from 2.2 to 30.0 kW, protection class IP 68
- Chopping system adjusted to medium and process requirements
- Impeller can be adjusted to constant head
- Available with equipment for mounting in existing installation
- Available with explosion-proof motor
- Available with lifting equipment for easy maintenance

DG H

Performance and data:

Article no.	Type	Motor size [kW]	Max. current absorbed [Ampere]	Tank opening Horiz. mounted LxW [mm]	Weight [Kg]
2302102	DG 50 H	2,2	4,6	650x400	40
2302103	DG 50 H	3,0	6,2	650x400	43
2302104	DG 50 H	4,0	8,4	700x400	55
2302105	DG 50 H	5,5	11,0	700x400	60
2302717	DG 65 H	7,5	14,5	750x500	80
2302711	DG 65 H	11,0	20,0	800x500	105
2302715	DG 65 H	15,0	27,0	850x500	140
2302718	DG 65 H	18,5	32,0	850x500	155
2302815	DG 80 H	15,0	27,0	950x650	185
2302818	DG 80 H	18,5	32,0	950x650	200
2302822	DG 80 H	22,0	37,5	950x650	254
2302830	DG 80 H	30,0	50,5	950x650	276



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

Materials:

Pump and motor casing: Cast iron AISI A48-40B Impeller: Cast iron AISI A48-40B

For correct sizing the following information is required:

- Operation conditions • Performance requirement • Type of liquid • Liquid characteristics
- Dry matter content • Temperature • Pipe diameter • Pipe length • Total manometric head

We reserve the right to make technical alterations.

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