

## Submersible pump DG Medium Pressure

Landia's submersible slurry pumps are developed for harsh and difficult operation conditions, such as thick slurry with a high dry matter content.

- can be installed with equipment for pumping and mixing.
- can be moved from tank to tank.
- vertical or horizontal mounting.
- submersible electric motors from 1.1 to 30.0 kW.

The special design of the pump casing and the impeller together with the knife system ensures that even thick and straw-filled liquid manure can be pumped. The knife system will comminute e. g straw to keep the inlet open.



- High efficiency motors.
- Efficient chopping system for comminution for keeping the inlet free.
- Mechanical seal against the medium and between the oil chamber and the motor.
- Pressure tested waterproof motor casing, thermal sensors in the windings.
- Comprehensive equipment range of hot dip galvanized steel, e. g. for transfer to storage tank, pumping into slurry tank lorry, mixing in storage tank, flushing from reception pit etc.

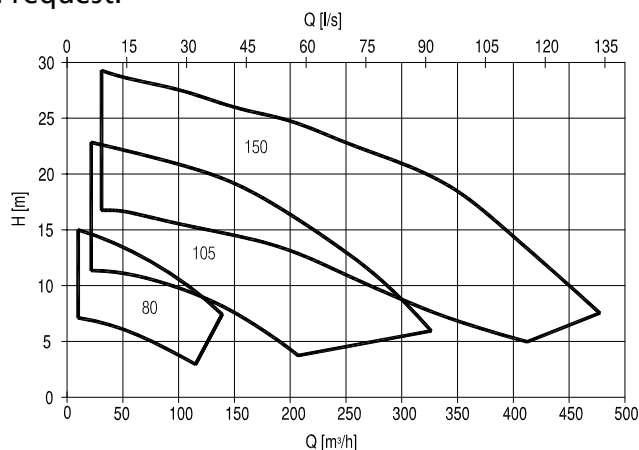
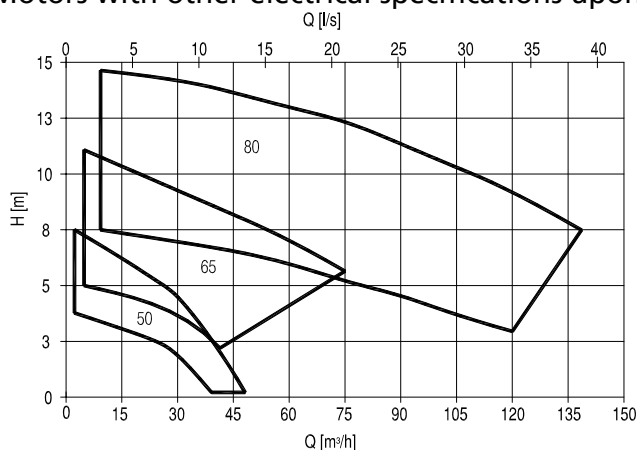
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## Performance and specifications:

Article no.	Type	Motor size kW	Consumption at 3x400V amp	Tank opening horiz. Mounted W x L (min.)	Weight kg
2304196	DG 50	0,55	1,6	550x400	25
2304197	DG 50	0,75	2,1	550x400	25
2304718	DG 65	1,1	2,6	650x500	45
2304711	DG 65	1,5	3,4	650x500	50
2304712	DG 65	2,2	4,9	650x500	55
2304813	DG 80	3,0	6,7	750x550	80
2304814	DG 80	4,0	8,8	750x550	85
2304815	DG 80	5,5	10,5	750x550	100
2304917	DG 105	7,5	15,0	850x650	150
2304911	DG 105	11,0	21,5	850x650	160
2304915	DG 105	15,0	28,5	900x650	200
2304918	DG 105	18,5	34,5	900x650	210
2304618	DG 150	18,5	34,5	1000x750	265
2304622	DG 150	22,0	42,0	1000x750	325
2304630	DG 150	30,0	55,5	1000x750	350

Motor: 3-phased AC motor, 50 Hz, voltage: 400V, 1500 rpm.

Motors with other electrical specifications upon request.



The pump does not require any fixed installation. By means of a front-loader or other similar type of lifting gear it can be lowered to the bottom of the slurry tank. Power is supplied through a cable down to the pump and slurry is pumped through a spiral hose. Thus, the pump can be moved from tank to tank, if this is required.

Landia submersible slurry pumps type DG are manufactured in large series on modern machinery and under strict quality control. The finest technological materials are used in the construction of these pumps and Landia has carefully considered the extreme operating conditions to which a slurry pump is exposed. The pump is a quality product ensuring long durability and yet requiring only a minimum of maintenance.

Ask for specification of accessories for vertical and horizontal installation and for mixing.

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