

High-pressure Chopper Pump for dry installation

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 waste water, sludge and slurry, pulp, fish offal and other organic by-products.

Numerous application possibilities in wastewater treatment, food and paper industry, biogas plants and agriculture.

Landia high pressure-pump type MPTK-I H



- Specially designed impeller for difficult mediums
- Guide traces in the pump front and back plate ensure no stringy material will be "caught" in the pump
- Horizontal or vertical mounting
- Motors ranging from 2.2 to 30.0 kW, class IP 55
- Chopping systems adapted to liquid characteristics and process requirements
- Available with impeller adapted to constant head
- Available with explosion proof motor

Quality in every detail

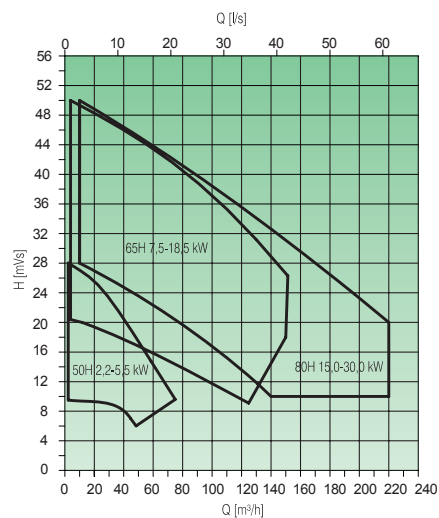
MPTK-I H high-pressure

Performance and data:

Article no:	Type	Motor size kW	Max. current absorbed (Ampere)	Dimensions Horiz. mounted LxW (mm)	Weight (kg)
2512102	MPTK-I 50 H	2,2	4,6	650x400	36
2512103	MPTK-I 50 H	3,0	6,2	650x400	41
2512104	MPTK-I 50 H	4,0	8,4	700x400	53
2512105	MPTK-I 50 H	5,5	11,0	700x400	63
2512707	MPTK-I 65 H	7,5	14,5	750x500	80
2512711	MPTK-I 65 H	11,0	20,0	800x500	105
2512715	MPTK-I 65 H	15,0	27,0	850x500	140
2512718	MPTK-I 65 H	18,5	32,0	850x500	155
2512815	MPTK-I 80 H	15,0	27,0	950x650	180
2512818	MPTK-I 80 H	18,5	32,0	950x650	200
2512822	MPTK-I 80 H	22,0	37,5	950x650	250
2512830	MPTK-I 80 H	30,0	50,5	950x650	280

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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