

High-pressure dry-installed 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. The pump is 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.

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

Landia high-pressure pump model MPTK-I H



- Specially designed impeller for pumping difficult mediums
- Guide traces in the pump front plate and back plate ensure no stringy material will be "caught" in the pump
- Horizontal or vertical mounting
- Motors ranging from 3.6 HP to 30.2 HP, protection 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

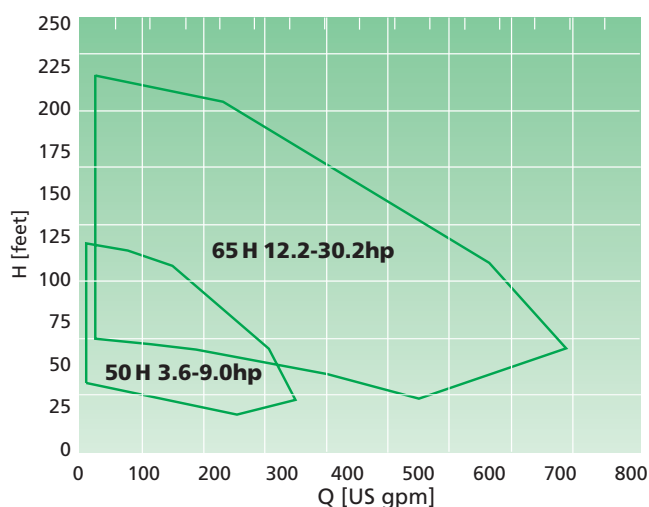
MPTK-I H high-pressure

Performance and data:

Article no: MPTK-I 50 H (60Hz)	Model	Motor size (hp)	Max. current absorbed (Ampere)	Hatch size HxWxL (inches)	Weight (lbs)
2522102	MPTK-I 50 H	3.6	4.9	11.5 x 10 x 18	80
2522103	MPTK-I 50 H	4.9	6.5	11.5 x 10 x 19	90
2522104	MPTK-I 50 H	6.5	8.9	11.5 x 10 x 20	116
2522105	MPTK-I 50 H	9.0	11.5	12 x 11 x 23	133
2522717	MPTK-I 65 H	12.2	15.0	19 x 15 x 24	176
2522711	MPTK-I 65 H	17.9	20.5	21.5 x 15 x 26	232
2522715	MPTK-I 65 H	24.5	28.0	21.5 x 15 x 26	309
2522718	MPTK-I 65 H	30.2	33.0	21.5 x 15 x 27	342

Motor:

Motor: 3x460V 60Hz, 3600 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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