



PUMPEN UND MASCHINEN GMBH

SUBMERSIBLE MOTOR PUMP HEPU-VT/VTS

DATA SHEET

02 | 2015

RANGE OF APPLICATION

In the media-contacting area maintenance-free and seal-less pump with submersible motor.

HEPU submersible motor pumps without packing tackle almost all pumping assignments and are used for the following operating conditions:

- Sand and gravel extraction
- Excavation and tunnelling
- Transit-mixed concrete recycling
- Coal and sludge preparation
- Ore preparation
- Steel and smelting works
- Power plants
- Waste incineration systems
- Potash industry
- Fine sand extraction

OPERATING DATA

Q = 25 up to 1800 m³/h

H = up to 70 m F.I.S.

n = Rotational speed

2-pin / 2900 min⁻¹

4-pin / 1450 min⁻¹

6-pin / 960 min⁻¹

8-pin / 750 min⁻¹

10-pin / 600 min⁻¹

12-pin / 500 min⁻¹

PRESSURE SOCKETS

DN 25 up to DN 250



MADE IN GERMANY

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SUBMERSIBLE MOTOR PUMP HEPU-VT/VTS

DESIGN

The hydraulic wear parts of the submersible motor pump correspond to the horizontal pumps "HEPU" and "HEPU-S".

The pump-side mechanical seal is not under pressure through constructional design and can be operated without maintenance. The depressurize leakage is returned through the opening in the pump-motor bracket back into the sump. The motor-side mechanical seal can thereby also be operated disturbance-free.

Housing, impellers, and wear plates with wall strength up to 50 mm. Robust construction with crash-ring housing shell. Two, three, and four-channel impellers are available in open and closed construction.

The submersion motor filled with lubrication oil at the factory must be continually immersed. Motor temperature and leakage can be monitored.

PROTECTION CLASS: IP 68

Ex.-protected motors are available.

ABRASION MATERIALS

Metal plating in accordance with HEPU and HEPU-S pumps, and alternatively made of plastic "polyurethane".

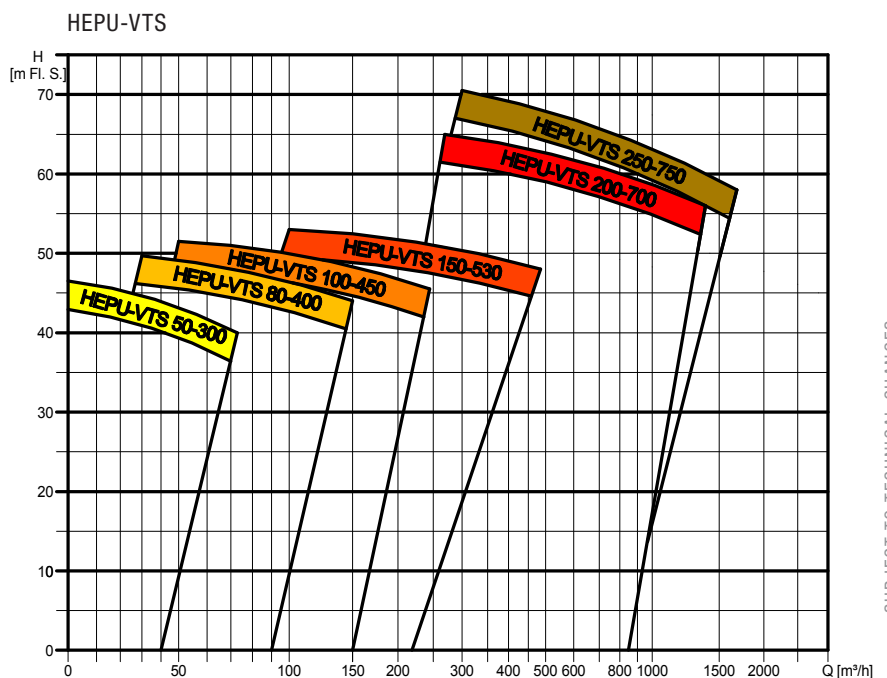
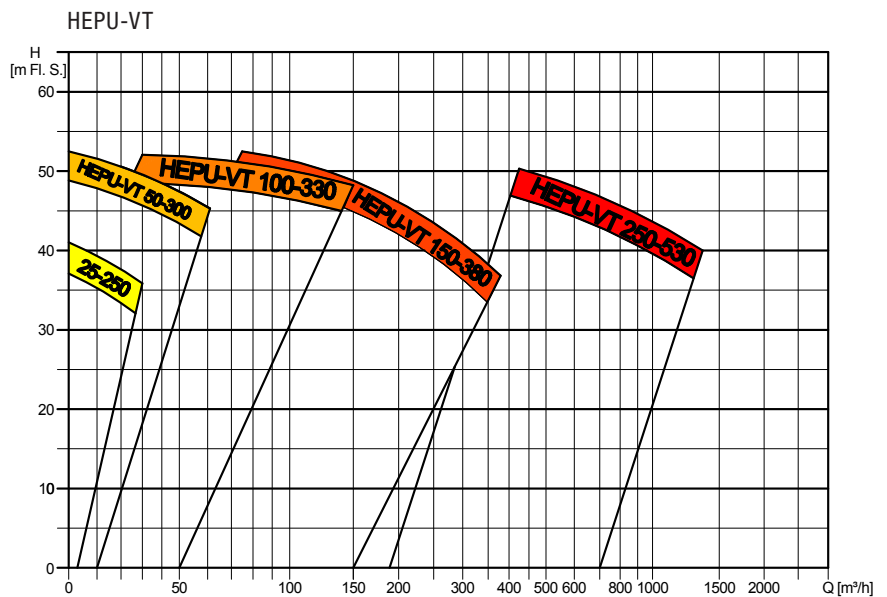
CONSTRUCTION

- HEPU-VT for normal to medium applications
- HEPU-VTS for cases of heavy application

COAT

Finish-coat according to RAL 3000

PERFORMANCE DIAGRAMS



SUBJECT TO TECHNICAL CHANGES