



PUMPEN UND MASCHINEN GMBH

SUMP PUMP HEPU-VS

DATA SHEET

02 | 2015

RANGE OF APPLICATION

Sump pump without packing for application with highly-abrasive suspensions with a high ratio of solids.

Examples:

- Chemical industry
- Sewage and waste water
- Water for cleaning in coal and ore preparation
- Sand and gravel extraction
- Sintered water
- Coke breeze water
- Concrete, brick, and clay industries
- Potash and salt industry

OPERATING DATA

Q = up to 1700 m³/h

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

PRESSURE SOCKETS

DN 50 up to DN 250



MADE IN GERMANY

HEPU PUMPEN UND MASCHINEN GMBH

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DESIGN

Heavy-weight pump construction, vertical construction, in dry and wet application, with open and closed impellers.

Bearing support, bearing and E-motor are set up dry. The impeller can be optimally positioned by the adjustment equipment on the bearing mount.

Two-piece housing made of GG-25 with the PU and Nihard construction.

All wear parts are individually changeable and interchangeable.

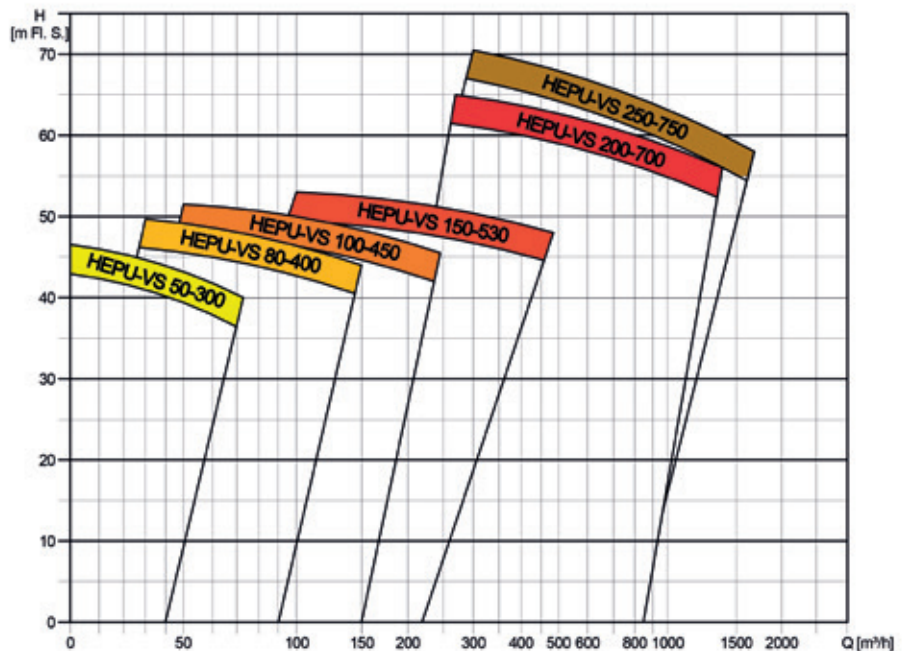
ABRASION MATERIALS

- Nihard-4-Special
- Chromium steel 1.4138
- Cr-Ni Steel 1.4410
- GGG-40 to GGG-100
- GG-25
- Polyurethane PU
- Other materials on request

COAT

Finish-coat according to RAL 3000

PERFORMANCE DIAGRAM



BEARING

Robust and over dimensioned standard shafts. Lubricated cylindrical and spherical roller bearings constructed for a life of 60,000 hours of operation. By dismantling the bearing shell on the bearing mount the entire unit, bearing with shaft, can be interchanged quickly and problem-free.

The sump pump is constructed without packing seal. Shaft protection sleeve, packing gland, and sealing and lubrication water are omitted so that considerable costs for maintenance, repairs, and personnel are limited.