



PUMPEN UND MASCHINEN GMBH

## SUMP PUMP HEPU-V

DATA SHEET

02 | 2015

### RANGE OF APPLICATION

Vertical slurry pump for normal conditions, without packing for wet and dry installation

Sump pump without packing for application in normal and medium requirement

Examples:

- Chemical industry
- Sewage and waste water
- Water for cleaning in coal and ore preparation
- Sand and gravel extraction
- Sintered water
- Coke breeze water
- Porous concrete, brick, and clay industries
- Fresh water supply in sand and gravel mines
- Potash and salt industry

### OPERATING DATA

Q = up to 1300 m<sup>3</sup>/h

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

### PRESSURE SOCKETS

DN 50 up to DN 250



MADE IN GERMANY

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# SUMP PUMP HEPU-V

## DESIGN

Medium-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.

One-piece housing with Nihard construction, two-piece housing made of GG 25 with the PU construction.

All wear parts are individually changeable and interchangeable.

## MOUNTING

To be mounted primarily in a pump sump – without foot valve. The installation on a pontoon is possible. Suction system and other fittings omitted.

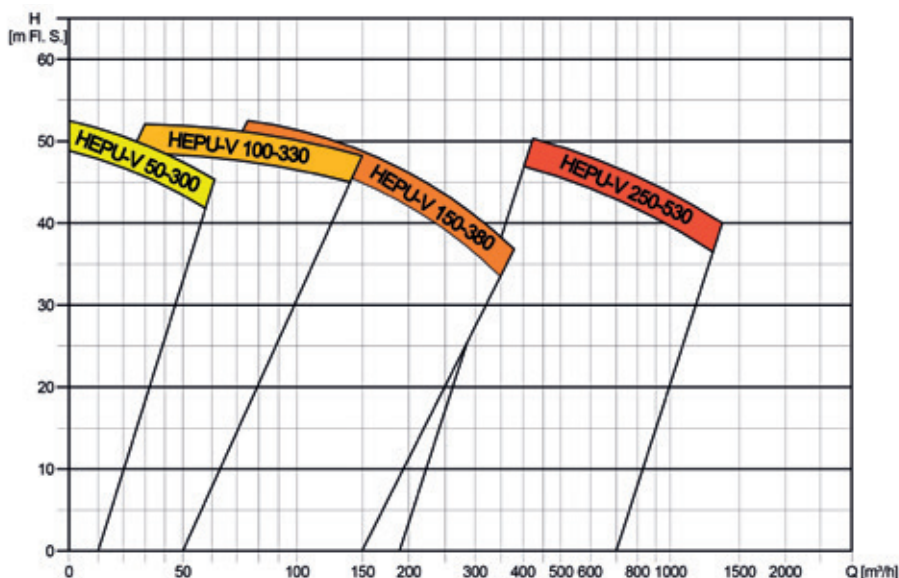
## ABRASION MATERIALS

- 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 shaft, 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.

SUBJECT TO TECHNICAL CHANGES