



PUMPEN UND MASCHINEN GMBH

CONTAINER PUMP HEPU-B/BS

DATA SHEET

02 | 2015

RANGE OF APPLICATION

Container pump for normal requirements and fine sand recovery

Examples:

- Chemical industry
- Sewage and waste water
- Coal and ore preparation
- Sand and gravel extraction, porous concrete
- Potash and salt industry

OPERATING DATA

Q = up to 800 m³/h (≈ 220 l/s)

H = up to 60 m Fl.S.

PRESSURE SOCKETS

DN 25 up to DN 250



MADE IN GERMANY

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CONTAINER PUMP HEPU-B/BS

DESIGN

Complete pump structure in vertical construction provided with pump sump. Different pump tank sizes and constructions are possible. Special construction according to agreement. Impellers in open design.

The structure of the pump makes it unnecessary to plan for special foundations, thus a light setup is given. Exceedingly practical for changing pulp inflow through self-ventilation.

Bearing support, bearing, and electric motor are dry-well installed. The impeller can be optimally positioned by the adjustment equipment on the bearing mount.

One-piece housing made of Nihard or entirely metal construction. Two-piece housing made of GG-25 with PU construction. All wear parts are individually changeable and interchangeable.

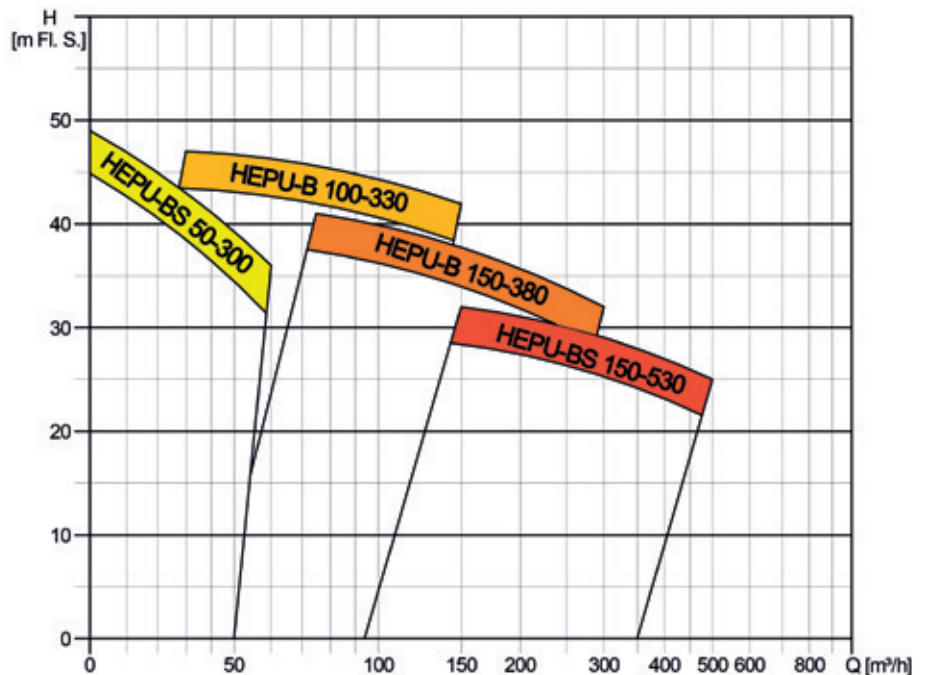
ABRASION MATERIALS

- 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 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 container 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.

DRIVE

Electric motor up to 160 KW
Model B 3 with reinforced bearing