

# dphm

## quality compact manufacture

With the DPHM we introduce a compact horizontal pump that is not only robust and economical, but efficient and reliable as well. This stainless steel hydraulic assembly is based on our successful DPV range of vertical multi-stage centrifugal pumps - a technology proven to offer trouble-free performance for many years.

### Good performance

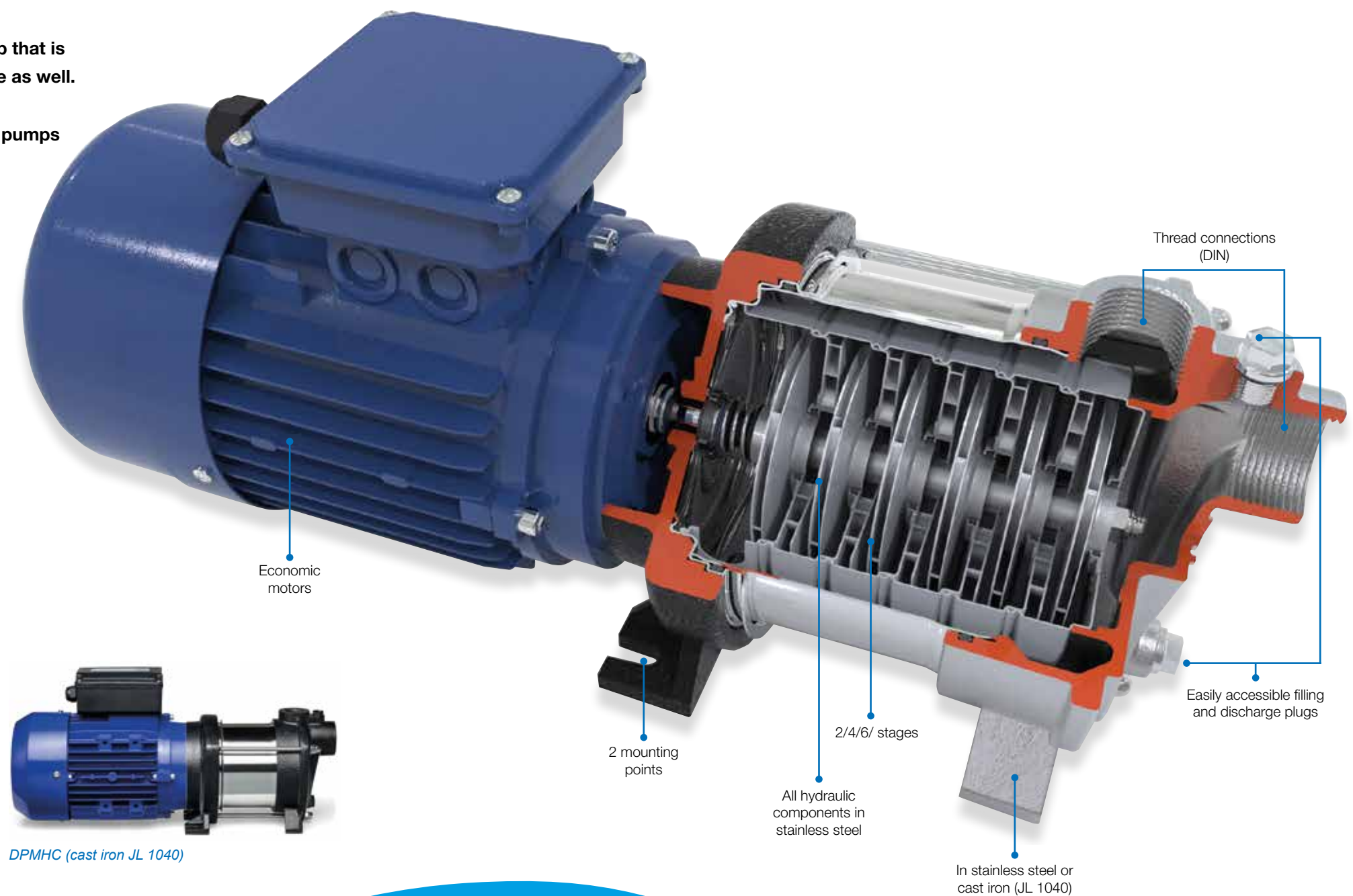
- High capacity  $\leq 10.8 \text{ m}^3/\text{h}$  and discharge head  $\leq 79.5 \text{ m}$
- Long life
- Excellent NPSH values

### Economic solution

- Low energy use
- Good hydraulic performance
- Economic IEC motors
- Low acquisition and maintenance costs

### Smart and compact design

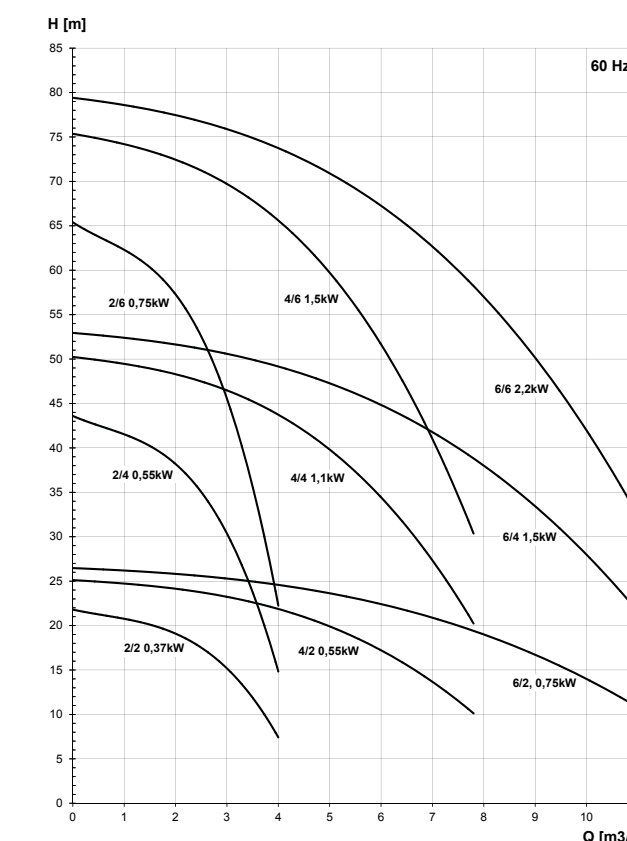
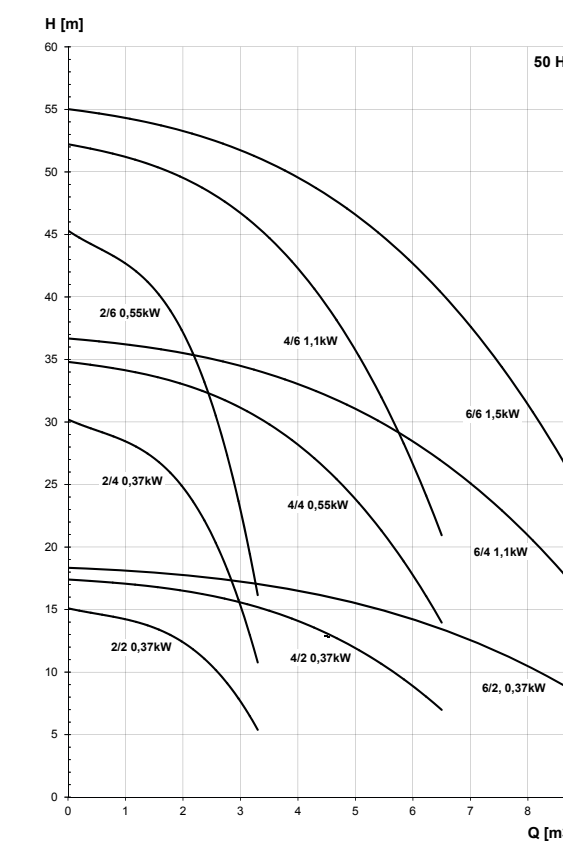
- Limited dimensions, thanks to close coupled motor and pump base with compact design
- Easy to install - even in small spaces
- Fast DIN thread connection (suction side: 1 1/4" discharge side: 1")
- Easily accessible filling and discharge plugs
- Suction and pressure connection concentrated on the pump base. Quick exchange of DPHM models without any need for adjustment of piping.



DPMHC (cast iron JL 1040)

Material	DPHM	DPHMC
Pump base	SS 1.4308	Cast iron JL 1040
Hydraulic system	1.4301	1.4301
Shaft	1.4541	1.4541
Elastomers	EPDM	NBR
Shaft seals	Ca / Ce / EPDM	Ca / Ce / NBR
Plugs	PEHD / TPE	1.4301 / EPDM

Specifications	50 Hz	60 Hz
Capacity Q	Up to 9 m <sup>3</sup> /h	Up to 10.8 m <sup>3</sup> /h
Discharge head H	Up to 55 m	Up to 79.5 m
Liquid temperature T	-10 °C to + 60 °C	
Ambient temperature T	-20 °C to + 40 °C, optionally to +55 °C	
Pressure class PN	10 bar	
DIN Connections (thread)	Suction side: 1 1/4" Discharge side: 1"	



### More than 3 million options available

In addition to the DPHM, we offer an extensive range of vertical, stainless steel centrifugal DPV pumps with the capability to provide customised solutions that perfectly suit your application. In order to meet requirements with respect to hydraulic operating area range, motor selection, speed control, available shaft seals and connections. If you have any queries about these and other performance aspects, you can always ask DP-Pumps or your DP-Pumps dealer for expert advice.



**Reliable**

- High-quality material: impellers, conductors and stainless steel shafts.
- Pump base in stainless steel or corrosion-resistant cast iron
- Accurate automated manufacturing by high-tech welding robots
- Use of existing, proven hydraulic components

**Flexible**

- Transparent number of standard models
- 2, 4 and 6 stages
  - Stainless steel / Cast iron
  - 1-phase 230 V / 3-phase 230/400 V
  - 50 Hz / 60 Hz
  - Customised models on request: fewer impellers, specific seals and O-rings, such as FPM
  - ACS (France) en WRAS (UK) drinking water quality mark



**Typical DPHM applications**

- Light industrial applications
- Watertransport (drinking / non-drinking)
- Pressure boosting for water (drinking / non-drinking)
- Irrigation (agriculture and horticulture)
- Air conditioning



**Advice**

You will always have contact with an involved expert. This expert has the required experience and knowledge to select, calculate and configure the right pump for your application. If necessary, the expert can call in our engineers of the R&D department.



**A replacement pump in no time**

A clever production process enables us to assemble all pump varieties immediately after we have received your order. We can assemble as many as 3 million different logical varieties of the stainless-steel multi-stage centrifugal pumps of the DPV-series. This enables us to virtually always ship a replacement pump really quickly.



**Fast and flexible**

Our multi-stage centrifugal pumps and pressure booster systems are fully 'made in Holland'. We investigate, invent, develop and produce all products ourselves. Our domestic sales and service departments have been accommodated in the same building as well. This enables them to switch quickly and flexibly to meet your requirements or to immediately solve problems in the field.

the **dynamics** of water



**dp pumps**

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**dphm**  
horizontal multi-stage  
centrifugal pump