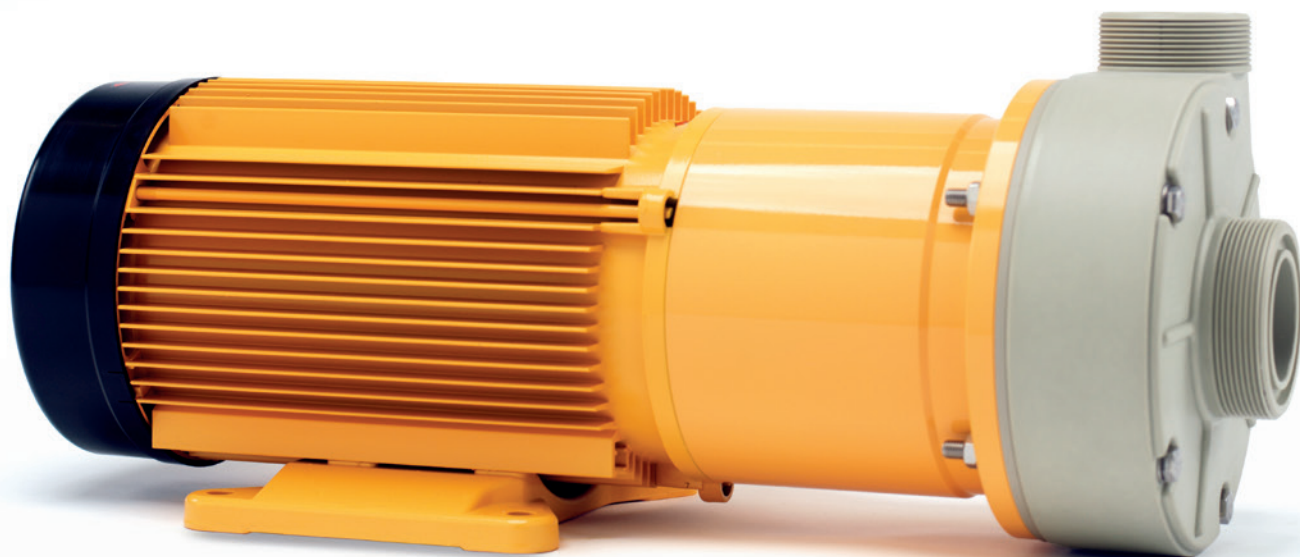


The new high capacity  
mag-drive pump



## Product information

### **MPN 180H**

Non-metallic horizontal centrifugal pump  
Materials: PVDF or PP

**SCHMITT**

chemical resistant pumps

MPN series – new model

Head: up to 23 m  
Capacity: up to 35 m<sup>3</sup>/h



## MPN 180H

Normal priming,  
magnetically coupled pump

**The new MPN 180H extends the well-proven MPN series product line. The MPN 180H was especially designed for applications that require a high-capacity mag-drive pump, but a relative low delivery head.**

**Housing and impeller materials:** PVDF, PP

**Elastomers:** EPDM, FKM (e.g. Viton®), FEP, FFKM (e.g. Kalrez®)

**Bushing materials:** PTFE-GF, Al<sub>2</sub>O<sub>3</sub>-ceramics, SiC (silicon carbide), graphite carbon

The MPN series is one of the most proven plastic magnetic drive pumps in the industry. Having been continuously improved over the decades, there are some ten thousand MPN pumps world-wide in use. The MPN series features a contact- and abrasion-free magnetic drive system, so that no mechanical seal is required to seal the pump.

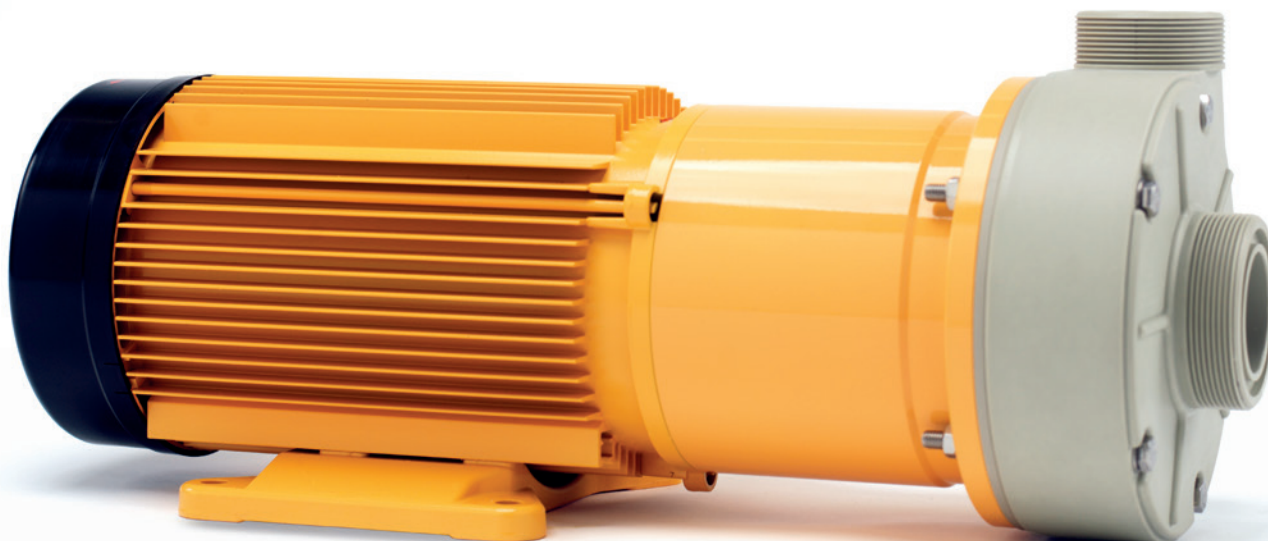
### Advantages:

- » hermetically sealed, no mechanical seals
- » particularly suited for toxic, environmentally harmful and corrosive media

Solid particles up to 3 mm in size and 10 vol.-% are allowed. The maximum viscosity is 150 mPas, the maximum allowed temperature is 95°C / 200°F. On request, some MPN types are available in ATEX-certified version made of electrically conductive plastic materials.

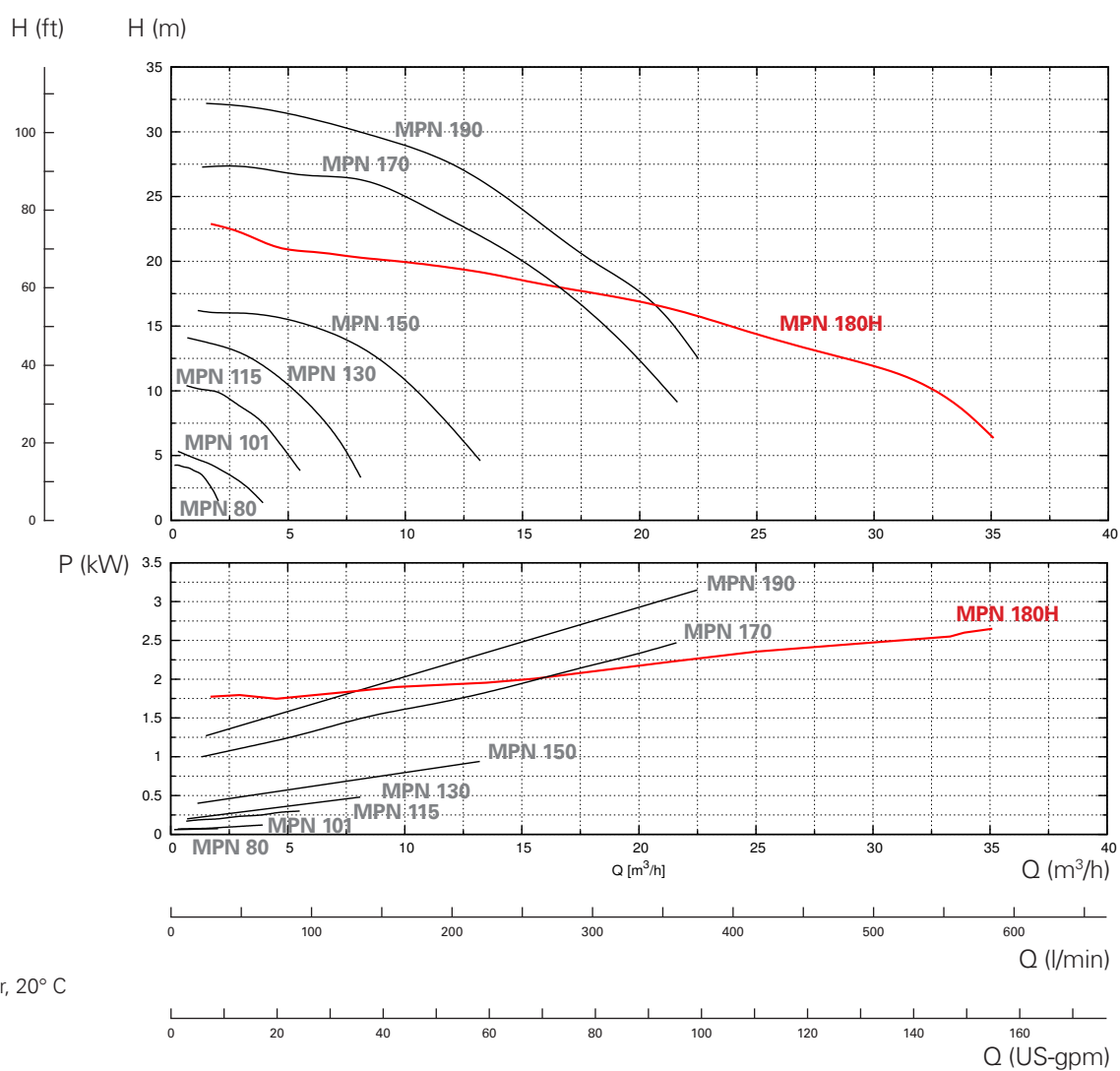
Special versions with smaller impellers are available for high-density liquids (>1150 kg/m<sup>3</sup>) and for 60 Hz-applications.

Capacity		Head		Motor		Weight	
m <sup>3</sup> /h	US-gpm	m	ft	kW	HP	kg	lbs
35.0	154	23	75	3.0	4.00	27	60





Type	Motor power kW
» MPN 80	0,18 kW
» MPN 101	0,18 kW
» MPN 115	0,25 kW
» MPN 130	0,55 kW
» MPN 150	1,10 kW
» MPN 170	2,20 kW
» <b>MPN 180H</b>	<b>3,00 kW</b>
» MPN 190	3,00 kW





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All data are without obligation and non-binding.

07/2015

