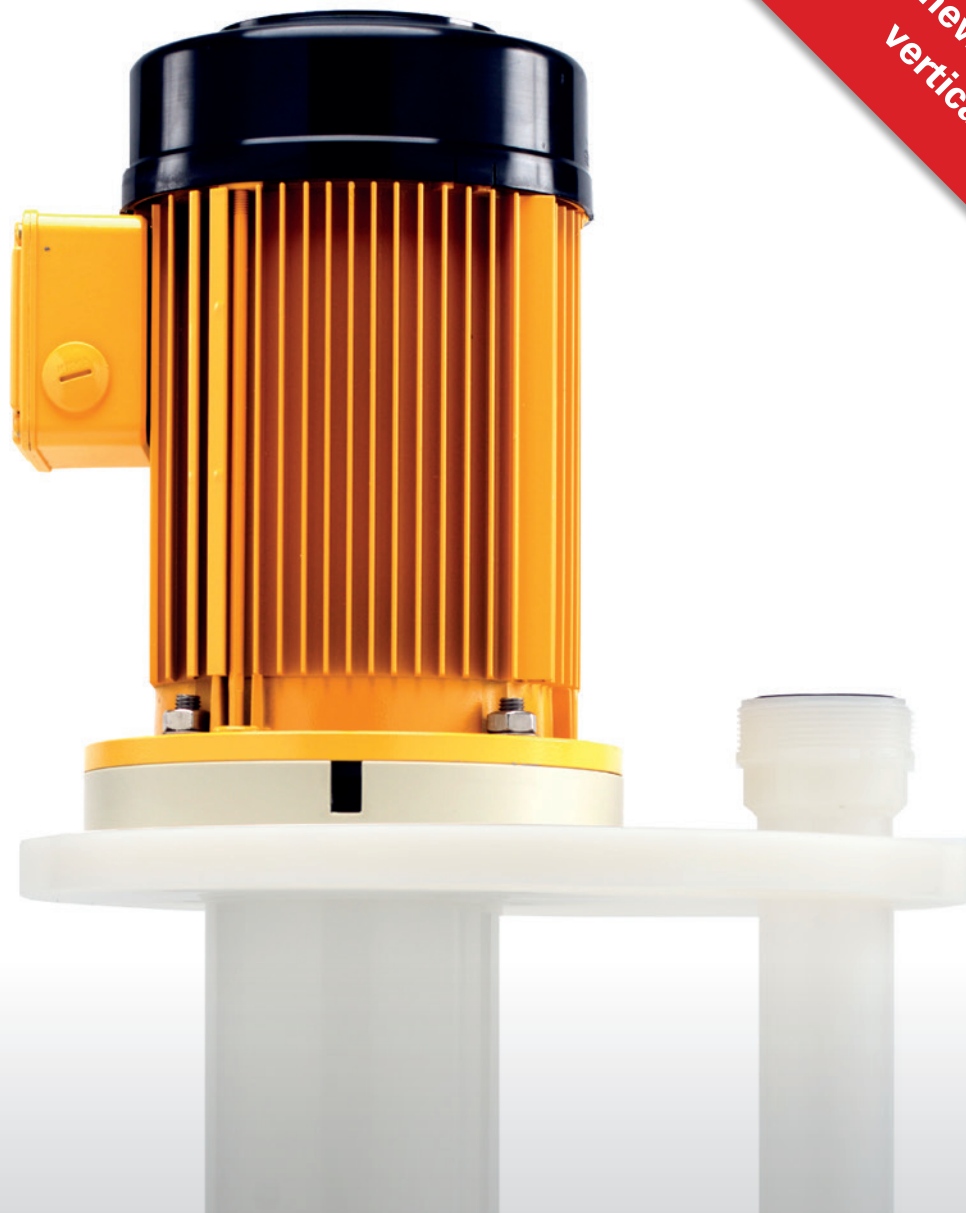


The new high capacity  
vertical pump



## Product information

### **T 180H**

Vertical non-metallic centrifugal pump  
Materials: PVDF or PP  
dry-run safe

**SCHMITT**

chemical resistant pumps

T series – new model

Head: up to 14 m  
Capacity: up to 30 m<sup>3</sup>/h



## T 180H

Vertical sealless non-metallic centrifugal pump  
High Volume

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

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

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

The T series features a massive vertical shaft extension that directly drives the impeller. The rotating shaft is solely supported by the motor bearings and therefore runs completely contact- and abrasion-free inside the housing. This design concept eliminates the need for shaft seals and additional bearings. Optionally, the T series can be ordered with a shaft seal as a vapor barrier.

**Advantages:**

- » dry-run safe
- » no abrasion into the fluid, therefore well suited for high-purity applications

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.

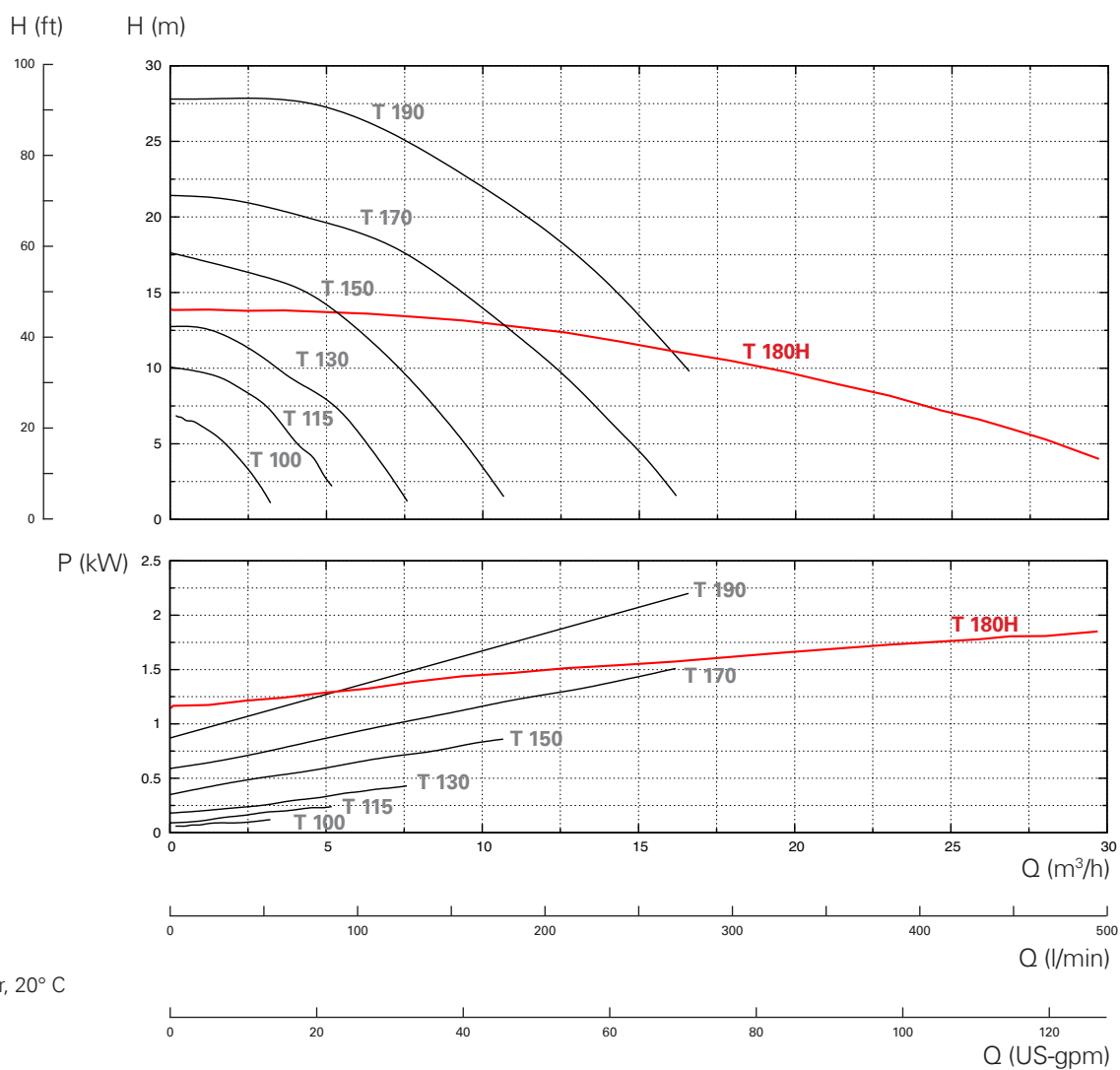
Special versions with smaller impellers are available for high-density liquids (>1150 kg/m³) and for 60 Hz-applications.



Capacity		Head		Motor		Immersion depth	
m³/h	US-gpm	m	ft	kW	HP	mm	in.
30.0	132	14	46	2.2	3.00	300-400-600	12-16-24



Type	Motor power kW	Immersion depth mm
» T 100	0,12 kW	200
» T 115	0,25 kW	200 - 300 - 400
» T 130	0,55 kW	200 - 300 - 400
» T 150	0,75 kW	300 - 400 - 500
» T 170	1,50 kW	400 - 600 - 800
» <b>T 180H</b>	<b>2,20 kW</b>	<b>300 - 400 - 600</b>
» T 190	2,20 kW	400 - 600 - 800



Curves measured with water, 20° C and 2900 rpm (50 Hz)



We reserve the right to make changes to the technical information contained in this brochure without prior notice.

All data are without obligation and non-binding.

06/2015

