

T, TP

Peripheral Pump



Construction

Close-coupled peripheral pumps (regenerative pumps) with turbine impeller.

Applications

For clean liquids without abrasives, without suspended solids, non-explosive, non-aggressive for the pump materials.
 For increasing network pressure (follow local specifications).
 For the reduced dimensions, these pumps are very well suitable to be mounted in cooling and air-conditioning machines and equipments, circulation, boiler feed.

Operating conditions

Liquid temperature from -10 °C to +90 °C.
 Ambient temperature up to 40 °C.
 Total suction lift up to 7 m.
 Continuous duty.

Motor

2-pole induction motor, 50 Hz (n = 2900 rpm).

T, TP: three-phase 230/400 V ± 10% .

TM, TPM: single-phase 230 V ± 10% with thermal protector. Capacitor inside the terminal box.

Insulation class F.

Protection IP 54.

Constructed in accordance with: IEC 34; IEC 335-1 (EN 60335-1).

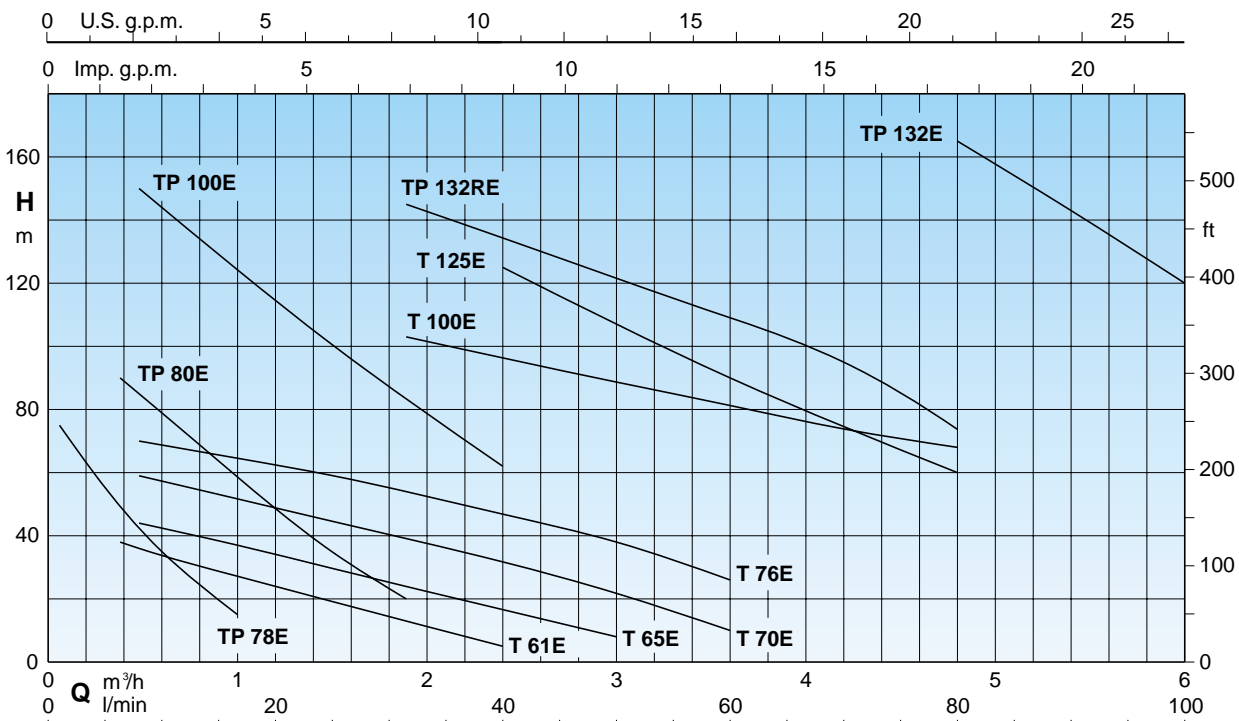
Materiales

Components	T, TP	B-T, B-TP
Pump casing	Cast iron	Bronze
Lantern bracket	GJL 200 EN 1561	G-Cu Sn 10 UNI 7013
Casing cover	Cast iron	Bronze
	GJL 200 EN 1561	G-Cu Sn 10 UNI 7013
	Brass P- Cu Zn Pb 40 2 UNI 5705 for T 61-65-70, B-T 61-70	
Impeller	Brass P- Cu Zn 40 Pb 2 UNI 5705	
	Bronze G-Cu Sn 10 UNI 7013 for T 125, TP 132-132R	
Shaft	Cr-Ni steel AISI 303	Cr-Ni-Mo steel
	T 76, Tp 80-100	
	Chrome steel AISI 430	
	T 61-65-70-100-125, Tp 78-132-132R	
Mechanical seal	Carbon - Ceramic - NBR	

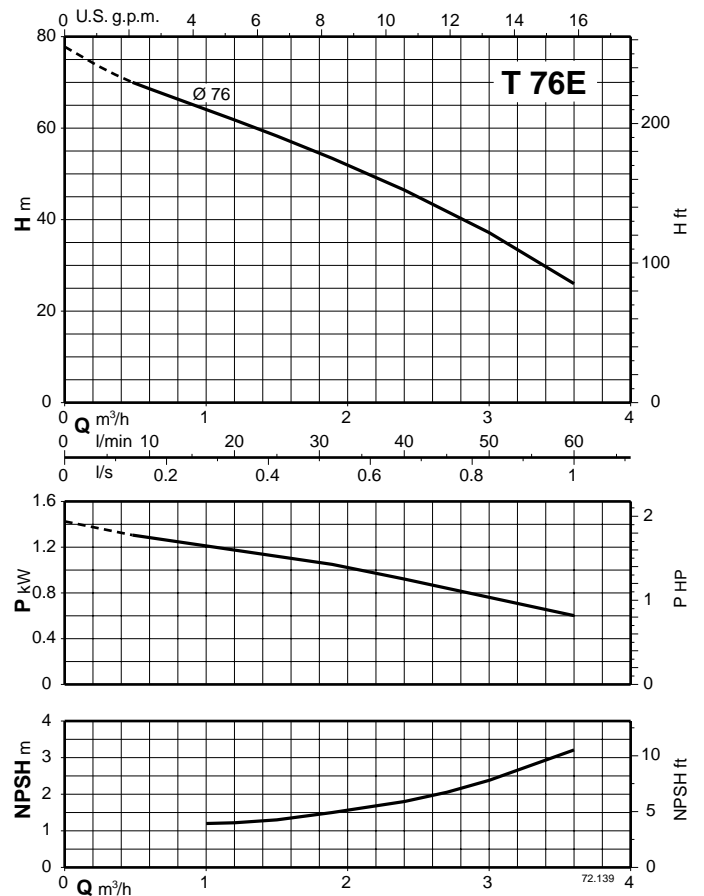
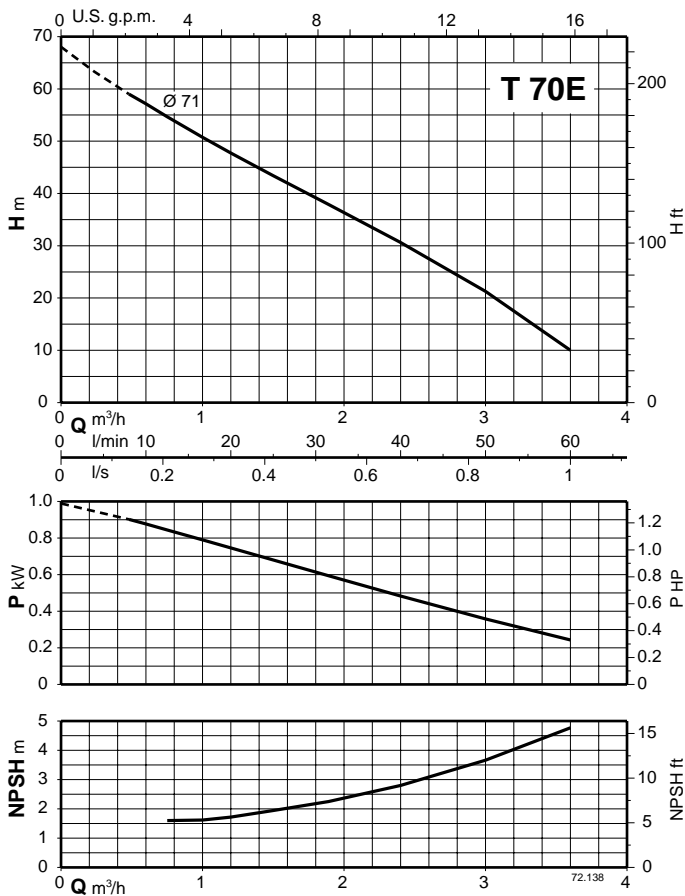
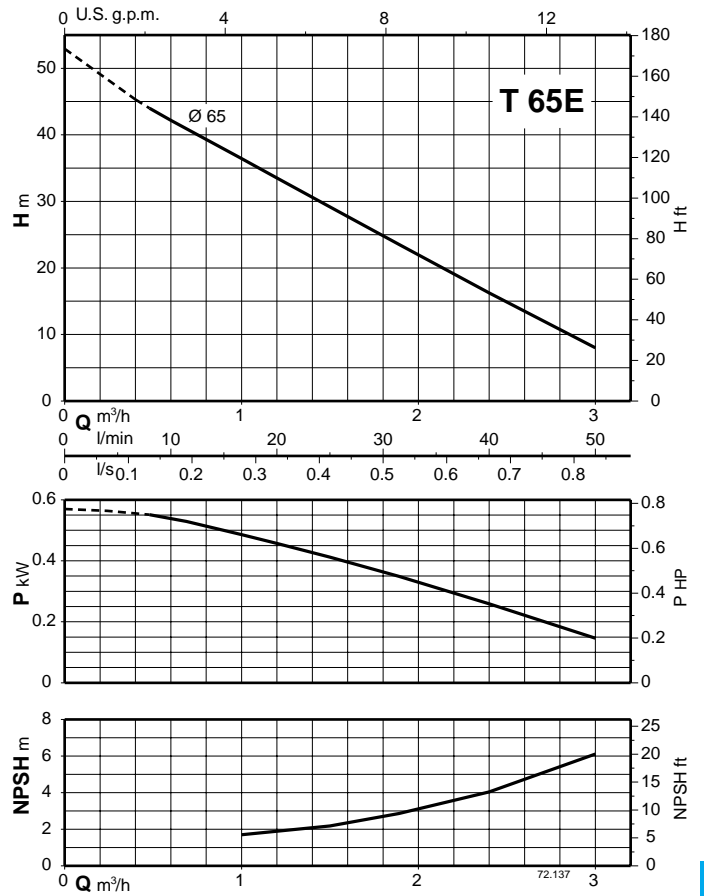
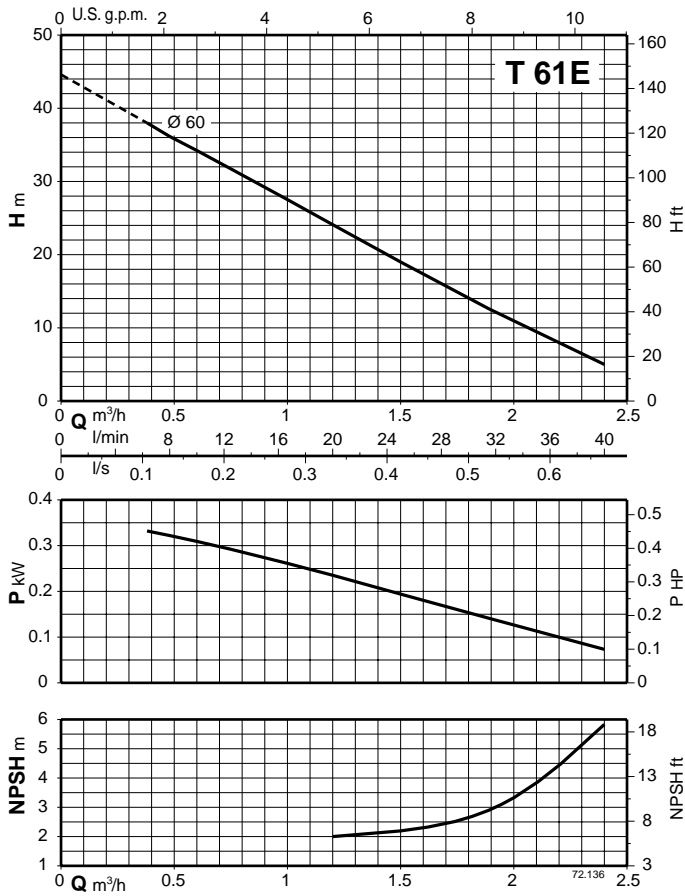
Special features on request

- Other voltages.
- Frequency 60 Hz (as per 60 Hz data sheet).
- Protection IP 55.
- Special mechanical seal.
- Higher or lower liquid or ambient temperatures.

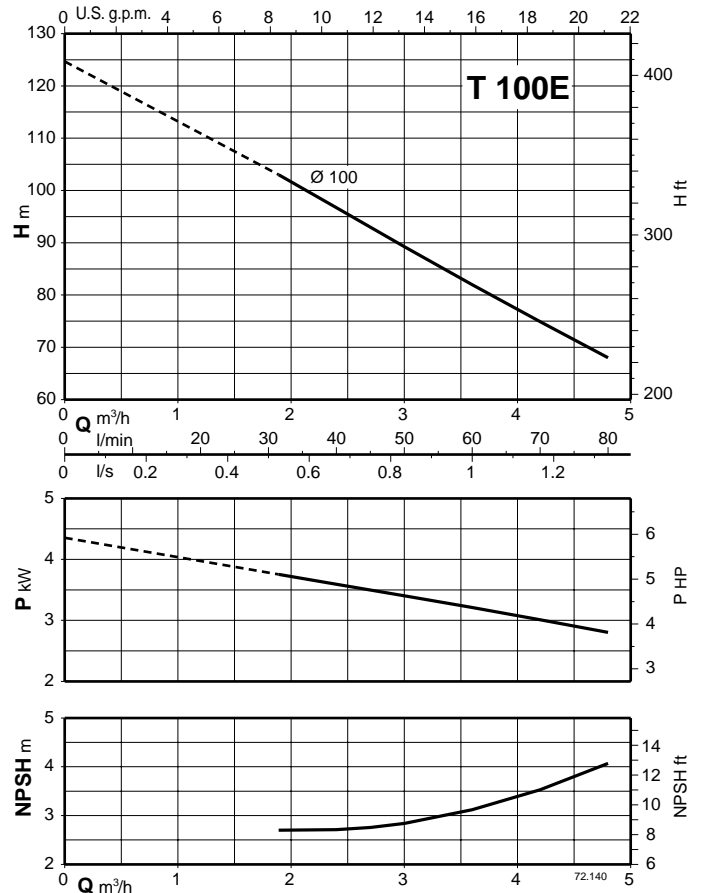
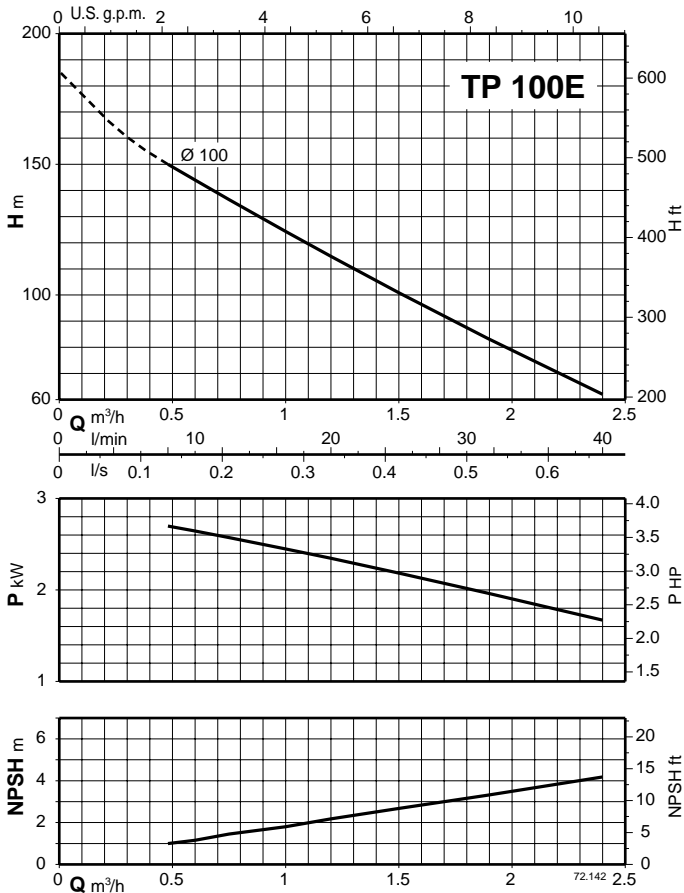
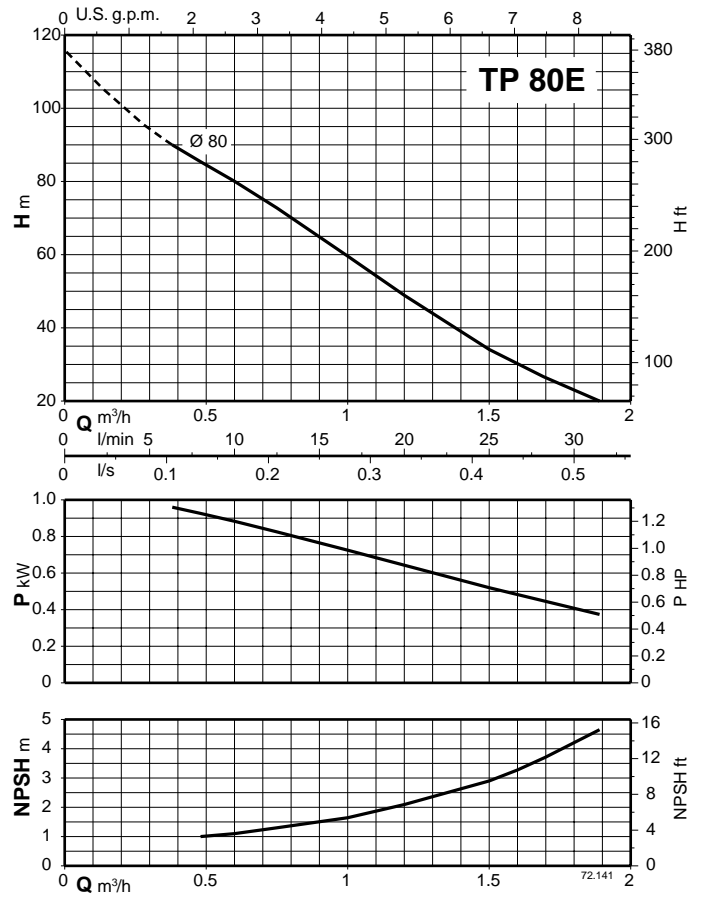
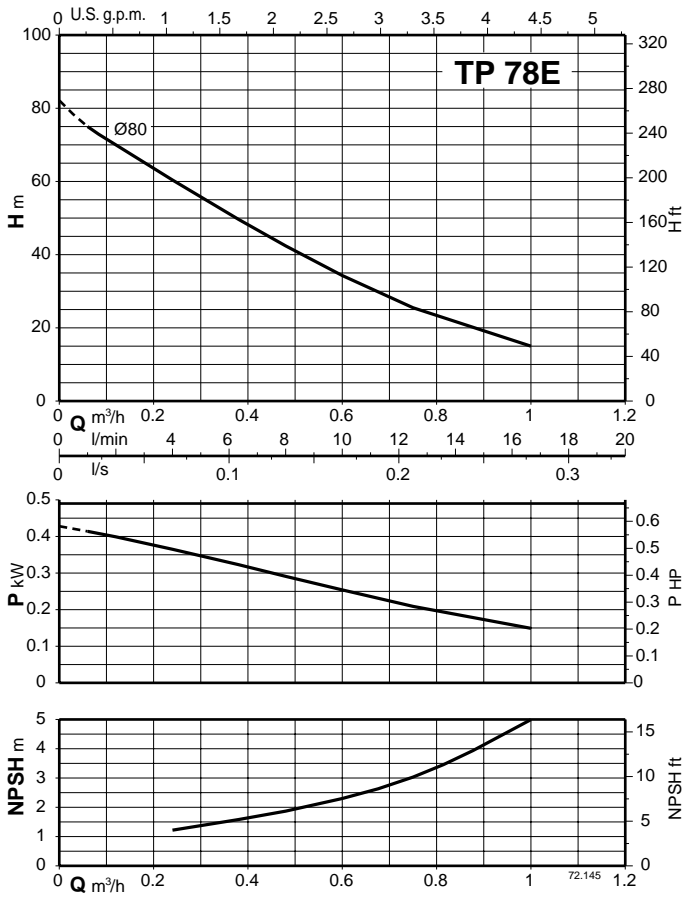
Coverage chart $n \approx 2900$ rpm



Characteristic curves $n \approx 2900$ rpm



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