



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).

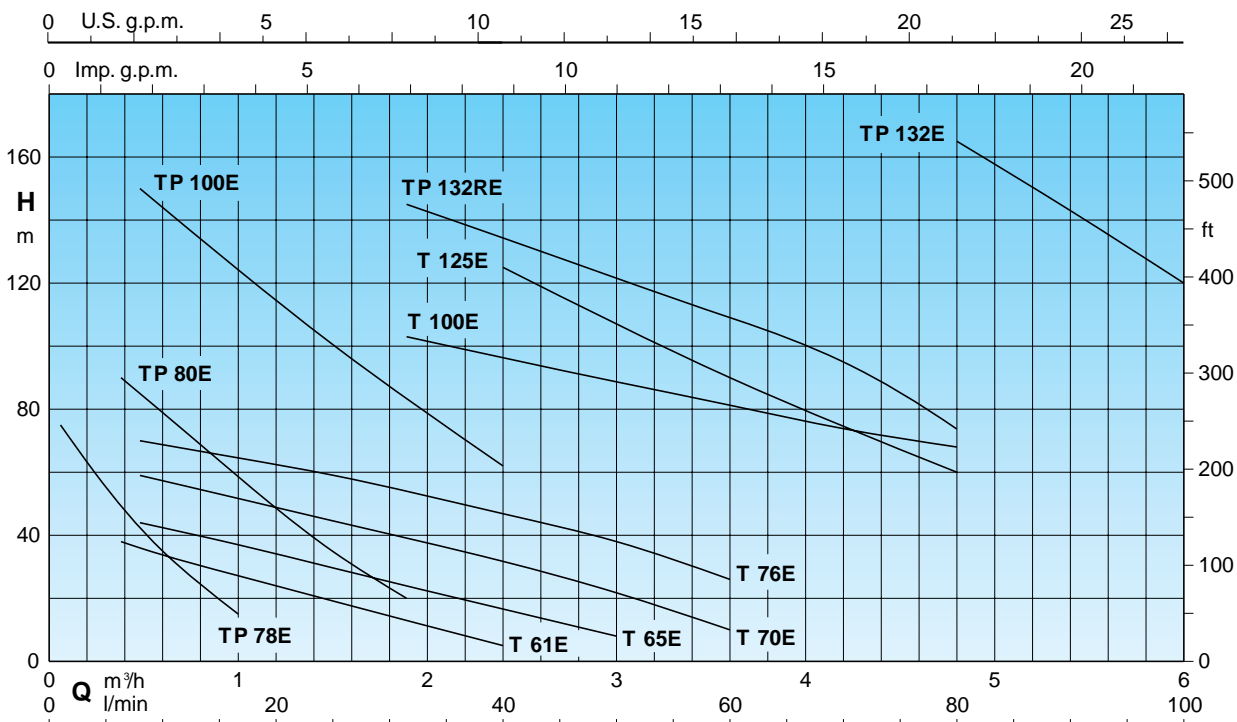
Materiales

Components	T, TP	B-T, B-TP
Pump casing	Cast iron	Bronze
Lantern bracket	G.JL 200 EN 1561	G-Cu Sn 10 UNI 7013
Casing cover	Cast iron	Bronze
	G.JL 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 T 76, Tp 80-100	Cr-Ni-Mo steel AISI 316
	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.

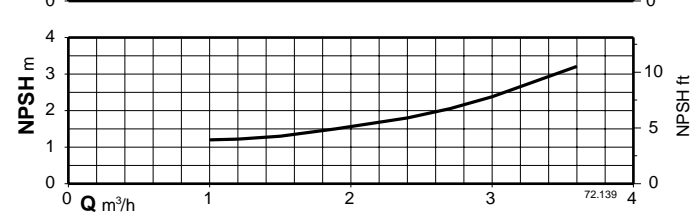
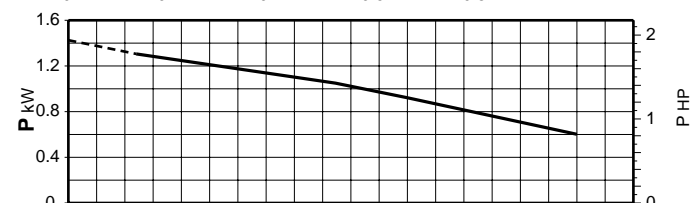
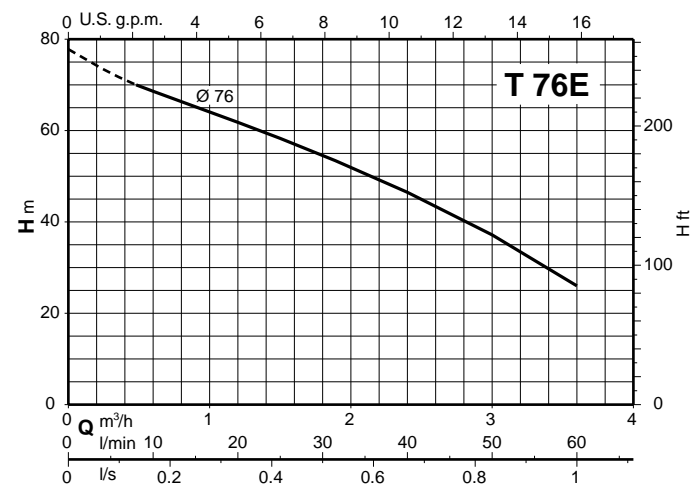
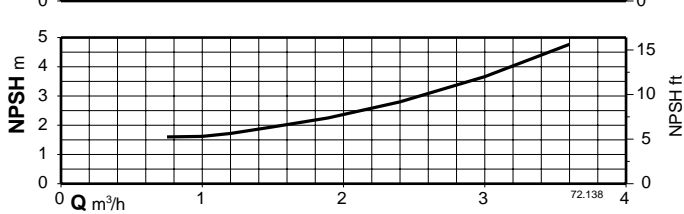
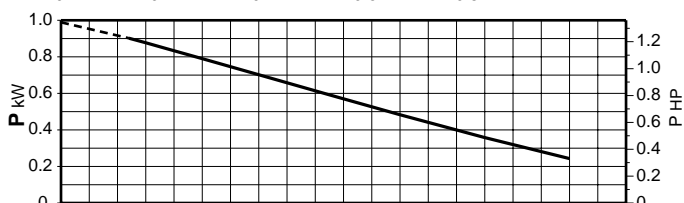
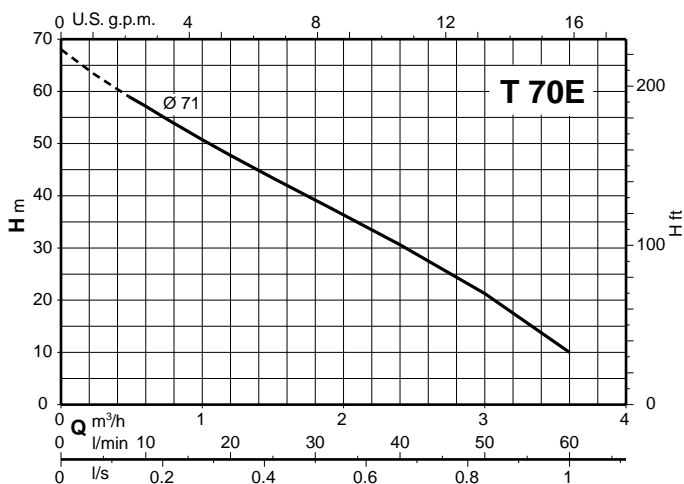
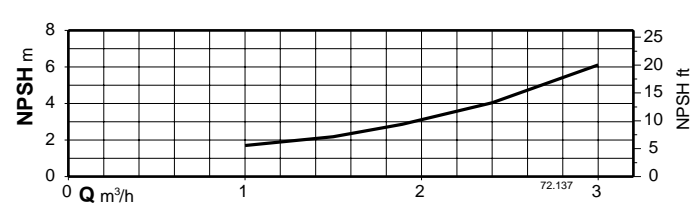
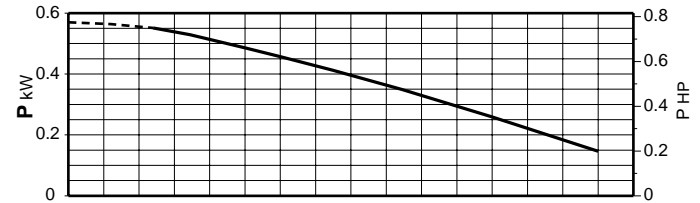
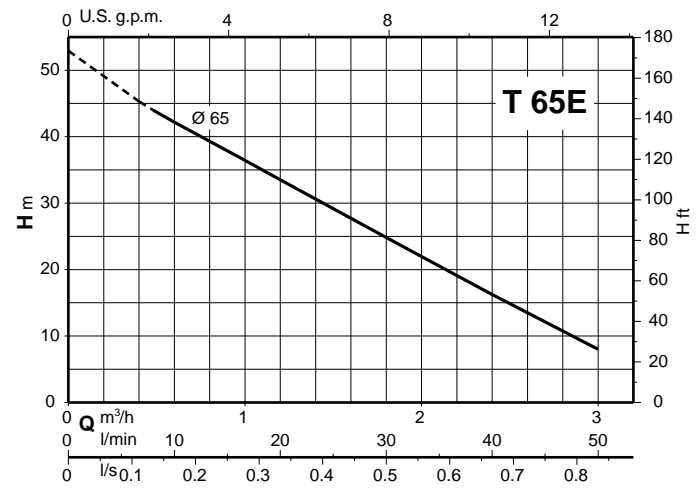
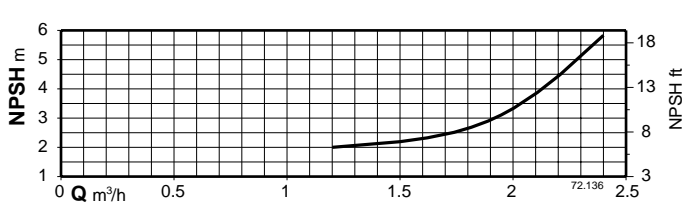
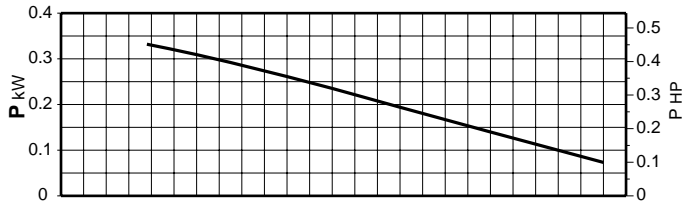
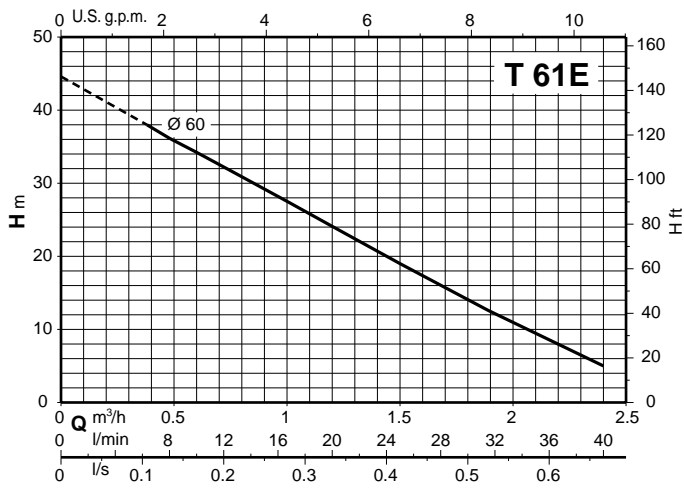
Coverage chart $n \approx 2900\text{rpm}$



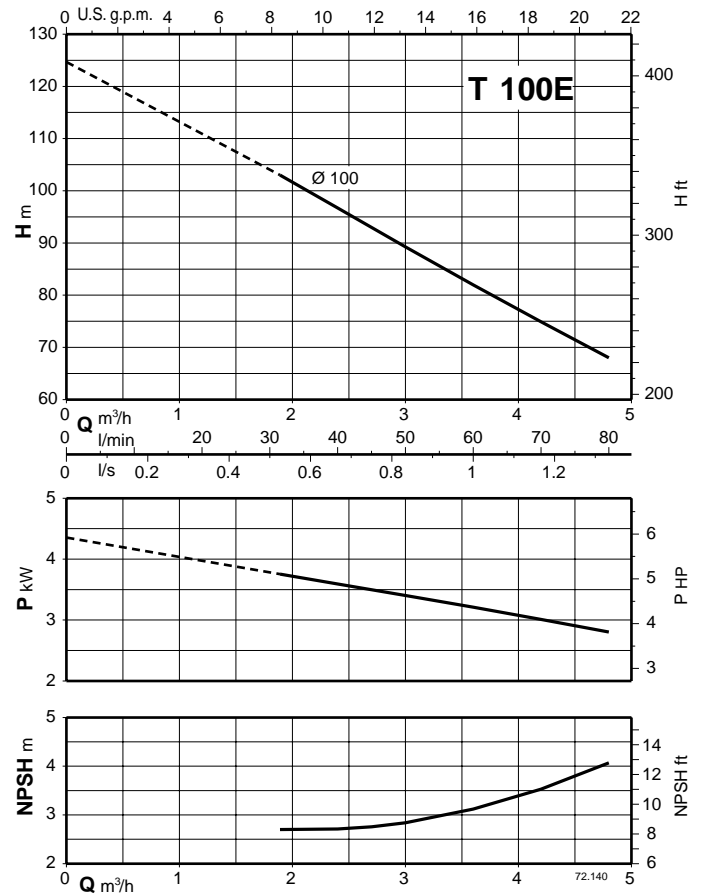
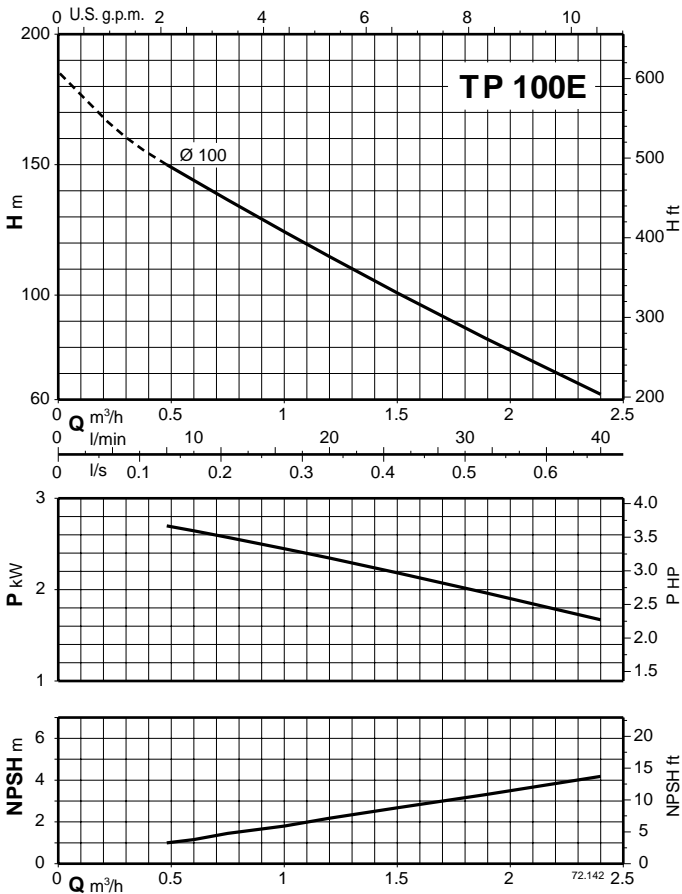
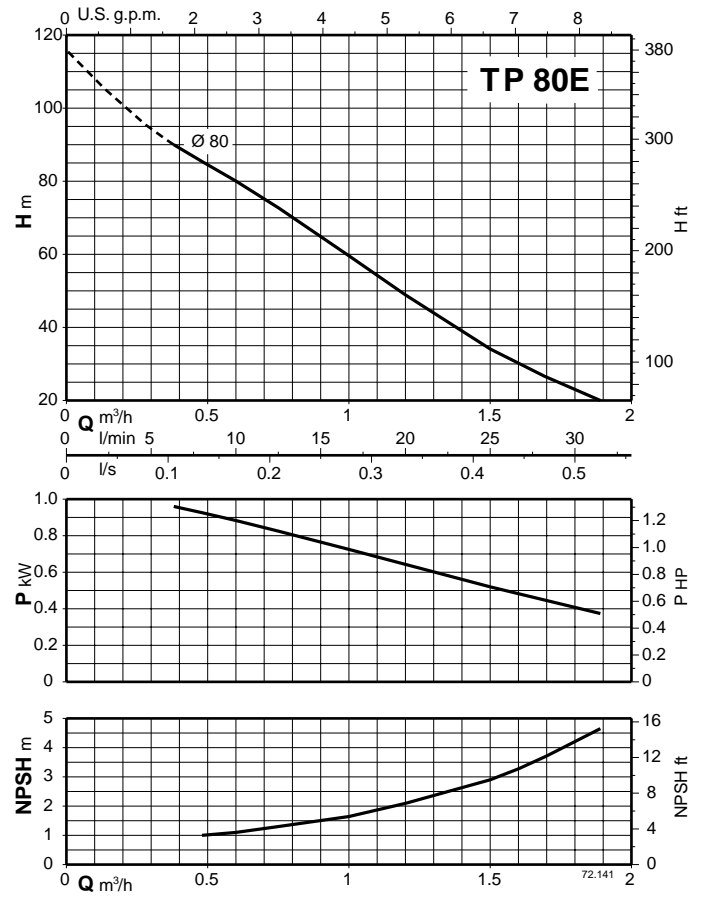
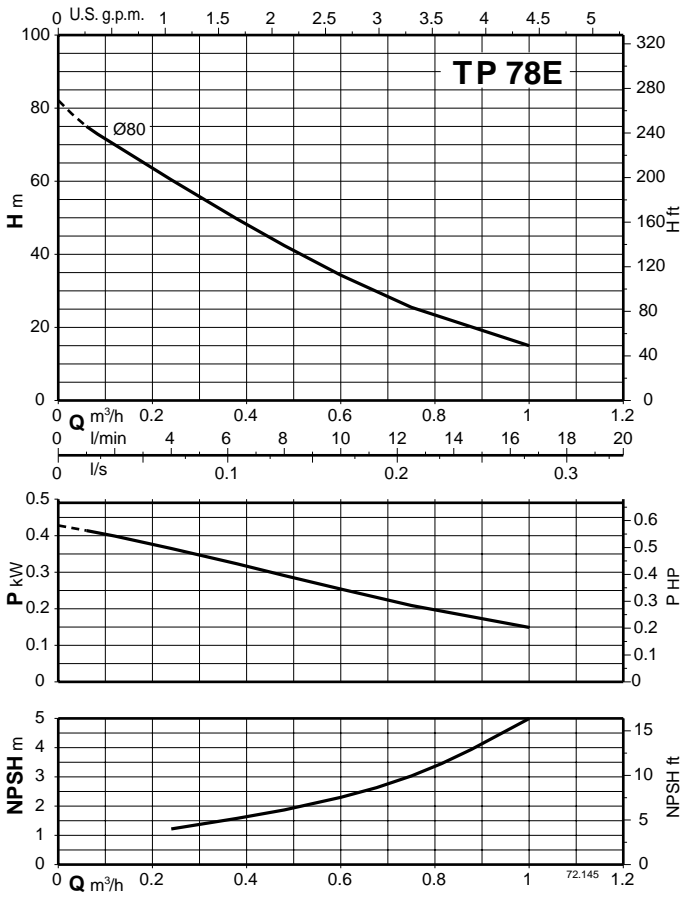
Performance $n \approx 2900$ rpm

3 ~	230V 400V		1 ~	230V		P ₁	P ₂	Q m ³ /h l/min	H																	
	A	A		A	kW	kW	HP		0,06	0,12	0,24	0,38	0,48	0,6	0,75	1	1,2	1,5	1,89	2,4	3	3,6	4,2	4,8	5,4	6
B- T 61E	1,9	1,1	B- TM 61E	2,5	0,55	0,33	0,45	1																		
T 65E	3	1,7	TM 65E	3,5	0,8	0,45	0,6	2																		
B- T 70E	3,7	2,2	B- TM 70E	6	1,3	0,75	1	4																		
T 76E	5,3	3	TM 76E	7,4	1,6	1,1	1,5	6,3																		
T 100E	11,5	6,6				3	4	8																		
T 125E		9,5				4	5,5	10																		
B- TP 78E	2,3	1,3	B- TPM 78E	2,8	0,6	0,37	0,5	12,5																		
B- TP 80E	4	2,3	B- TPM 80E	5,8	1,2	0,75	1	16																		
TP 100E	9,6	5,5				2,2	3	20																		
TP 132RE		12				5,5	7,5	25																		
TP 132E		16				7,5	10	31,5																		
								40																		
								50																		
								60																		
								70																		
								80																		
								90																		
								100																		
								110																		
								120																		
								130																		
								140																		
								150																		
								160																		
								170																		
								180																		
								190																		
								200																		
								210																		
								220																		
								230																		
								240																		
								250																		
								260																		
								270																		
								280																		
								290																		
								300																		
								310																		
								320																		
								330																		
								340																		
								350																		
								360																		
								370																		
								380																		
								390																		
								400																		
								410																		
								420																		
								430																		
								440																		
								450																		
								460																		
								470																		
								480																		
								490																		
								500																		
								510																		
								520																		
								530																		
								540																		
								550																		
								560																		
								570																		
								580																		
								590																		
								600																		
								610																		
								620																		
								630																		
								640																		
								650																		
								660																		
								670																		
								680																		
								690																		
								700																		
								710																		
								720																		
								730																		
								740																		
								750																		
								760																		
								770																		
								780																		
								790																		
								800																		
								810																		
								820																		
								830																		
								840																		

Characteristic curves $n \approx 2900$ rpm



Characteristic curves $n \approx 2900$ rpm



Characteristic curves $n \approx 2900$ rpm

