

## TREND

### Applications

Raising clear water from wells, from tanks and first collecting reservoirs, pressurization in domestic systems, lawn and garden rain irrigation.

### Features

- Multistage monoblock electric submersible pump with the hydraulic part located under the motor which allowed the motor's cooling by the pumped liquid.
- In the single-phase version, the capacitor is installed inside the pump.
- The pump is equipped with 20 m of electric cable H07RN-F.
- Single-phase version with float switch (upon request).
- External pump case, motor case and shaft are in stainless steel.
- Impellers, diffusers, suction grid and head in special technopolymer.



### Motor

- 2 poles asynchronous motor, 50 Hz, 2850 rpm.
- Insulation in F class.
- IP 68 protection.
- Working voltage: single-phase 230 V; three-phase 400 V.
- Electric motor cooled by non toxic non polluting liquid.

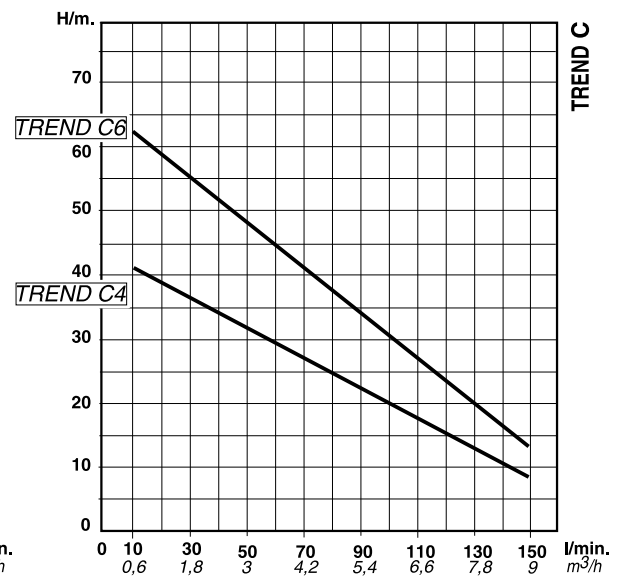
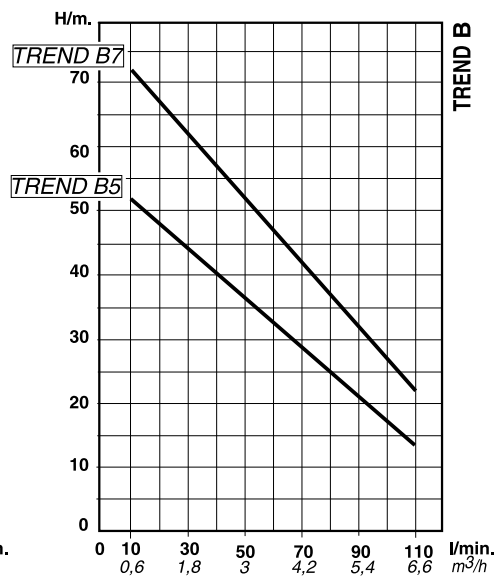
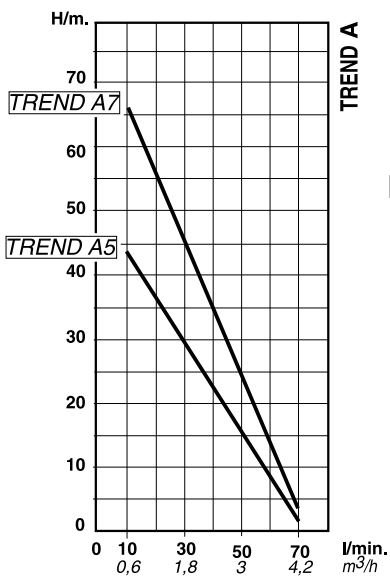
### Operating conditions

- Pumped liquid: clean water, non aggressive, without solid particles.
- The pump should never operate in dry conditions.
- Pump body always completely submerged.
- Water temperature: from 5 °C to 30 °C.
- Vertical operating position.
- Well or tank protected against freezing.
- Maximum immersion depth: 40 m.
- Maximum number of starts per hour: 20.

## Specifications

Pump type	Motor		Max current		Outlet Ø	Flow rate								
	HP	kW	M. 230V	T. 400V		l/min	10	30	50	70	90	110	130	150
							m <sup>3</sup> /h	0,6	1,8	3	4,2	5,4	6,6	7,8
TREND A5	0,75	0,55	4	2	1" 1/4	Manometric head (meters)	44	30	12	2				
TREND A7	1	0,75	5,5	3			66	45	20	4				
TREND B5	1	0,75	6	2,3			52	46	39	33	24	14		
TREND B7	1,5	1,1	9	3,4			72	64	56	48	38	22		
TREND C4	1	0,75	6	2,3			41	38	35	32	28	22	16	9
TREND C6	1,5	1,1	9	3,4			63	57	53	48	41	34	24	14

## Performance curves



## Dimensions and weights

Pump type	Dimensions		Weight
	mm		
	H	Ø	kg
TREND A5	470	140	13
TREND A7	560	140	14,5
TREND B5	510	140	14
TREND B7	600	140	16,5
TREND C4	505	140	13,5
TREND C6	605	140	16,5

