



APPLICATIONS

Raising of clean water from wells, from primary water supply tanks and reservoirs, pressure boosting in domestic systems, lawn and garden rain irrigation.

FEATURES

- Multistage monobloc electric submersible pump with the hydraulic part located under the electric motor which is cooled by the pumped liquid.
- Single-phase version with capacitor connected inside the pump.
- The pump is equipped with 20 m of H07RN-F electric cable.
- Single-phase version with float switch available on request.
- External pump case, motor case and shaft in stainless steel.
- Impellers and diffusers in special technopolymer.

MOTOR

- 2 poles asynchronous motor, 50 Hz, 2850 rpm.
- Class F insulation.
- IP68 protection.
- Working voltage: single-phase 230 V, three-phase 400 V.
- The electric motor is cooled by non-toxic, non-polluting liquid.

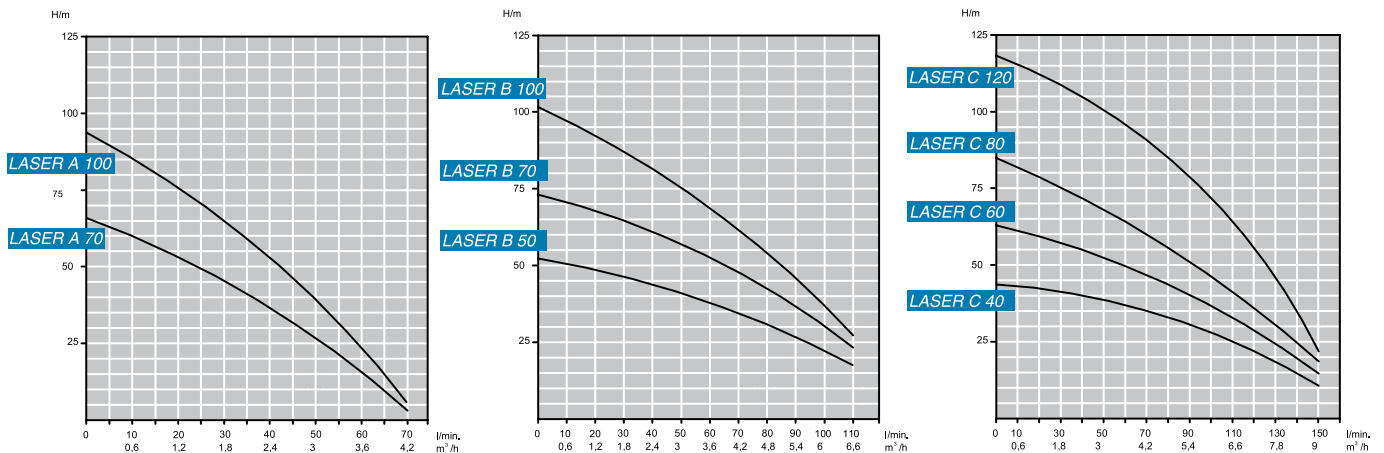
OPERATING CONDITIONS

- Pumped liquid: clean water, non aggressive, without solid particles.
- The pump can not operate in dry conditions.
- Pump body always completely submerged.
- Temperature of pumped liquid: min 5°C - max 30°C.
- Vertical operating position.
- Sump protected against freezing.
- Max immersion depth: 40 m.
- Max number of starts per hour: 20.

Technical specifications

Pump type	Motor		Max current		Outlet Ø	Delivery									
	HP	kW	230V 1~	400V 3~		l/min	0	10	30	50	70	90	110	130	150
			A	A			m³/h	0	0,6	1,8	3	4,2	5,4	6,6	7,8
LASER A 70	1	0,75	6,2	2	1" 1/4	Manometric head (m)	68	66	45	25	4				
LASER A 100	1,5	1,1	8,8	3,2			96	94	65	36	6				
LASER B 50	1	0,75	6,2	2			52	50	47	41	34	26	17		
LASER B 70	1,5	1,1	8,9	3,2			73	71	64	57	48	37	24		
LASER B 100	2	1,5	12,1	4,3			101	98	87	75	62	45	27		
LASER C 40	1	0,75	6,2	2,1			44	42	40	37	35	30	25	19	11
LASER C 60	1,5	1,1	8,9	3,3			64	62	57	52	47	41	33	25	15
LASER C 80	2	1,5	12,1	4,2			85	82	75	68	60	52	42	31	18
LASER C 120	3	2,2	-	5,6			118	115	109	102	90	77	63	46	21

Performance curves



Dimensions and weights

Pump type	Dimensions mm	Weight Kg
	A	
LASER A 70	688	17,3
LASER A 100	790	19,8
LASER B 50	633	16,8
LASER B 70	708	18,8
LASER B 100	805	21,6
LASER C 40	607	16,5
LASER C 60	680	18,8
LASER C 80	751	21,1
LASER C 120	911	27,2

