

## ONDA

### Applications

Raising clear water from wells, from tanks and first collection reservoirs, pressurization in domestic systems.

### 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.
- Thanks to the particular suction, the pump can be installed also externally.
- The pump is not self priming.
- External pump case, motor case and shaft are in stainless steel.
- Impellers and diffusers are in resin.



### 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; three-phase 230 V.
- The motor is cooled by non toxic, non polluting liquid.

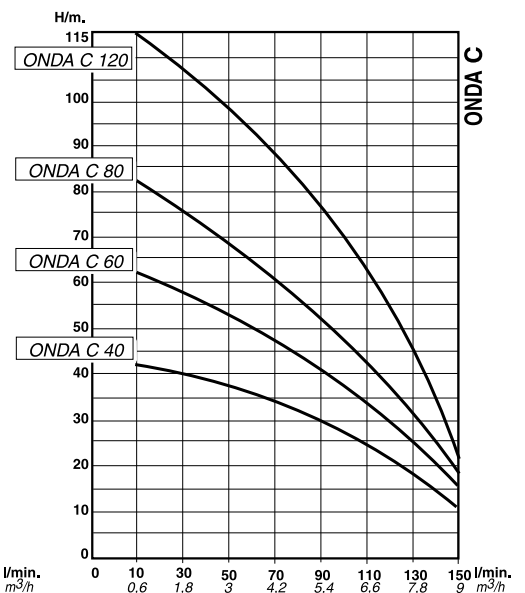
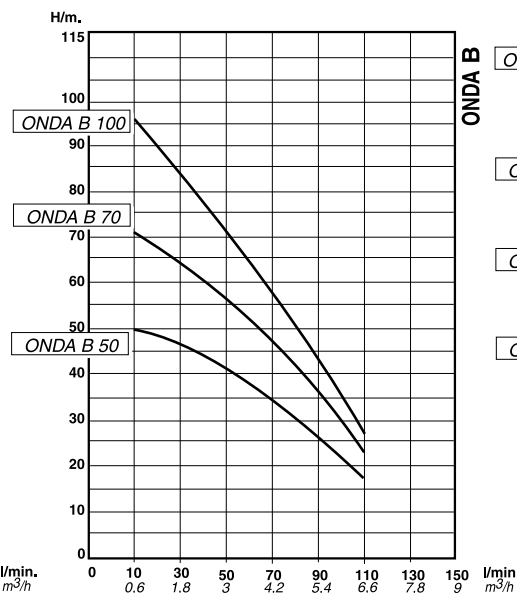
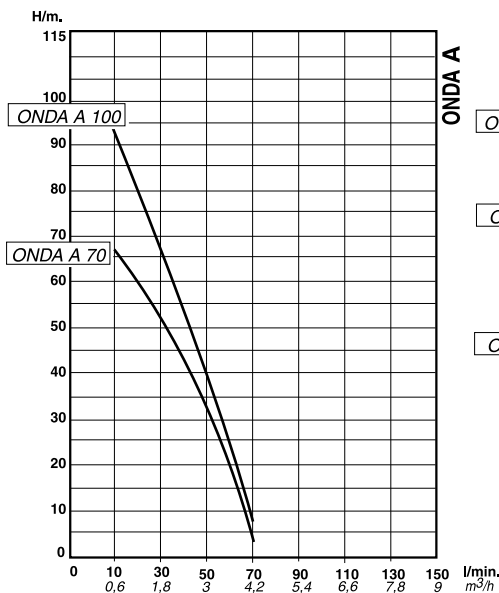
### Operating conditions

- Pumped liquid: clean water, non aggressive, without solid particles.
- The pump should never operate in dry conditions.
- Water temperature: from 5°C to 30°C.
- Vertical operating position.
- Tank protected against freezing.
- Water feed pressure: min. 0,2 – max 3 bar.
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- Maximum number of starts per hour: 20.

## Specifications

Pump type	Motor		Max current			Outlet Ø	Flow rate										
							l/min										
	HP	kW	M. 230V	T. 230V	T. 400V		10	30	50	70	90	110	130	150			
							<i>m<sup>3</sup>/h</i>	0,6	1,8	3	4,2	5,4	6,6	7,8	9		
ONDA A 70	1	0,75	6,2	3,5	2	1" 1/4	Manometric head (meters)	66	45	20	4						
ONDA A 100	1,5	1,1	8,8	5,6	3,2			94	65	28	6						
ONDA B 50	1	0,75	6,2	3,5	2			50	47	41	34	26	17				
ONDA B 70	1,5	1,1	8	5,6	3,2			71	64	57	48	37	24				
ONDA B 100	2	1,5	12,1	7,5	4,3			98	84	72	59	45	27				
ONDA C 40	1	0,75	6,2	3,7	2,1			42	40	37	35	30	25	19	11		
ONDA C 60	1,5	1,1	8,9	5,7	3,3			62	57	52	47	41	33	25	15		
ONDA C 80	2	1,5	12,1	7,3	4,2			82	75	68	60	52	42	31	18		
ONDA C 120	3	2,2	-	9,7	5,6			115	109	102	90	77	63	46	21		

## Performance curves



## Dimensions and weights

Pump type	Dimensions			Weight
	mm			
	H	Ø	A	kg
ONDA A 70	733	140	200	19,8
ONDA A 100	865	140	200	22,5
ONDA B 50	678	140	200	19,2
ONDA B 70	756	140	200	21,2
ONDA B 100	878	140	200	23,9
ONDA C 40	652	140	200	18,7
ONDA C 60	726	140	200	21
ONDA C 80	823	140	200	23,1
ONDA C 120	988	140	200	29

