

**Sumoto**



Series

**ONK**

4" PERIPHERAL SUBMERSIBLE  
ELECTROPUMP

# ONK Series

## 4" Peripheral submersible electropump

### Technical features

- Rewindable.
- Motor upper bracket: nickel plated cast iron
- Pump body and delivery head: nickel plated cast iron
- Impeller: stamped brass
- Motor case: SS 304.
- Motor shaft: SS 304.
- High quality radial and thrust ball bearings.
- Winding: enameled copper - Class F insulation.
- Degree of protection IP68/Class B insulation .
- Max temp. 35° with water cooling flow min. 0.08 m/s.
- Max depth immersion: 150 m.
- Nos. of start per hour: max 30 at regular intervals.
- Mechanical seal: graphite/ceramic
- Coolant: dielectric non toxic high quality lubricant.
- Pump cable length: 10m (3 wires plus ground).
- Voltage variation: +/-10%.
- Single phase motor pump available in both version CSCR & PSC.
- Suitable for horizontal operation.

### Motor range versions:

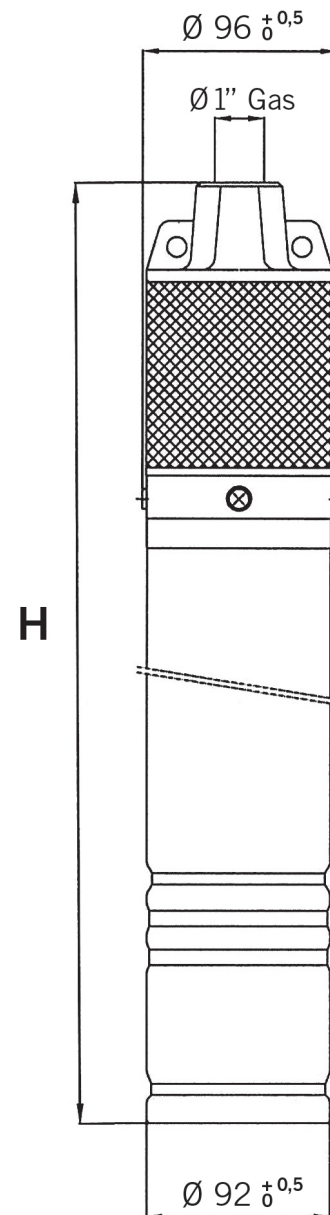
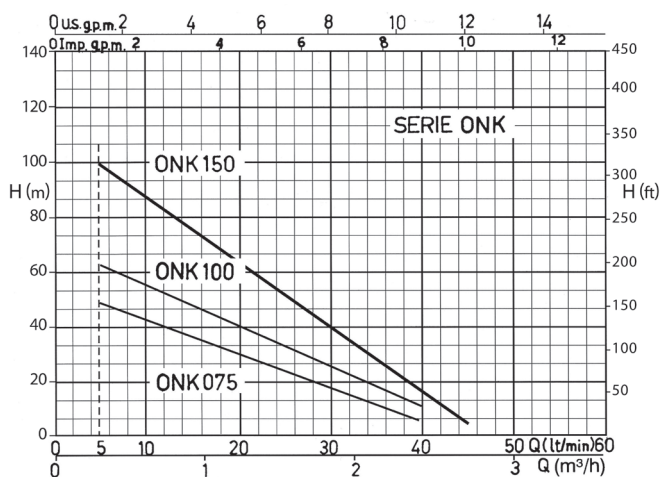
- Single Phase: 0.55kW (0.75hp) to 1.1kW (1.5hp), 220-230V / 50Hz (or 60 Hz).
- Three Phase: 0.55kW (0.75hp) to 1.1kW (1.5hp), 380-415V / 50Hz – 460V / 60Hz.

Other voltage and frequencies available upon request.

### Operating curves at 2900 RPM - 50 Hz

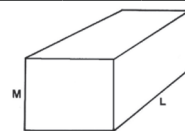
The operating graphic is valid a 2900 RPM.

Indicated working data are for **continuous service** at normal water temperature and density 1 Kg/dmc.



### DIMENSION AND WEIGHT

Mod.	H mm	Packaging			Weight Kg
		I	L	M	
ONK M 075	435	250	500	170	12,5
ONK M 100	460	250	500	170	13
ONK M 150	530	250	600	170	15
ONK T 075	435	250	500	170	12,5
ONK T 100	435	250	500	170	12,5
ONK T 150	495	250	600	170	14



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SINGLE PHASE														
50Hz.		Amp.		Motor			Q m <sup>3</sup> /h (l/min)							
							0,3 (5)	0,6 (10)	0,9 (15)	1,2 (20)	1,5 (25)	1,8 (30)	2,1 (35)	2,4 (40)
220V		A		Kw	Hp	H (m)								
		ONK	M	075	4.3	0,55	0,75	45	41	36	31	26	21	16
ONK	M	100	5.8	0,75	1	63	49	42	37	30	23	16	10	6
ONK	M	150	7.9	1,1	1,5	102	78	67	58	48	37	25	15	7

THREE PHASE														
50Hz.		Amp.		Motor			Q m <sup>3</sup> /h (l/min)							
							0,3 (5)	0,6 (10)	0,9 (15)	1,2 (20)	1,5 (25)	1,8 (30)	2,1 (35)	2,4 (40)
380V		A		Kw	Hp	H (m)								
		ONK	T	075	1.9	0,55	0,75	45	41	36	31	26	21	16
ONK	T	100	2.4	0,75	1	63	49	42	37	30	23	16	10	6
ONK	T	150	3.2	1,1	1,5	102	78	67	58	48	37	25	15	7



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