

ROMA

Applications

Drawing up clean water from deep wells and tanks, civil and industrial water raising system, rain and running irrigation, fire fighting systems and aqueducts.

Features

- Multistage centrifugal electric submersible pumps for 4" wells.
- External pump case, head, motor shaft and others components are in stainless steel.
- Impellers, diffusers and suction are in special technopolymer.
- The check valve is in stainless steel and is fitted inside the head.
- The pump is equipped with 30 m of electric cable H07RN-F.

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.
- The electric motor is cooled by non toxic non polluting liquid.

Operating conditions

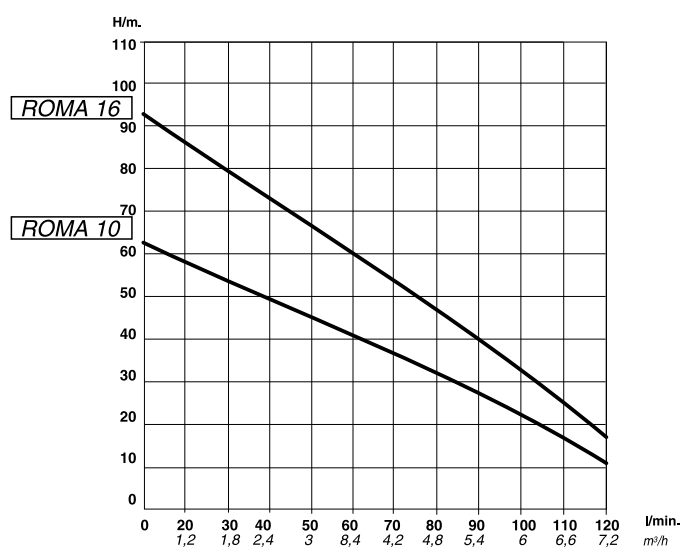
- Pumped liquid: clean water, non aggressive, without solid particles.
- The pump should never operate in dry conditions.
- Pump body always completely submerged.
- Water temperature: from 5 °C to 30 °C.
- Vertical operating position.
- Maximum immersion depth: 30 m.
- Maximum number of starts per hour: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



Specifications

Pump type	Motor		Cap. MF VL 450	Max current		Outlet Ø	Flow rate													
	HP	kW		M. 230V	T. 400V		l/min	0	20	30	40	50	60	70	80	90	100	110	120	
								m ³ /h	0	1,2	1,8	2,4	3	3,6	4,2	4,8	5,4	6	6,6	7,2
ROMA 10	1	0,75	30	5,9	2,1	1" 1/4	Manometric head (meters)	61	54	50	46	43	38	34	30	25	21	16	11	
ROMA 16	1,5	1,1	40	9	3,3			93	85	80	74	68	61	55	48	41	33	25	18	

Performance curves



Dimensions and weights

Pump type	Dimensions				Weight		
	mm				kg		
	B	A		Ø	B	A	
1x230V		3x400V	1x230V			3x400V	
ROMA 10	445	705	705	105	3,4	16,4	16,4
ROMA 16	607	907	907	105	4,7	19,7	19,7

A Electric pump

B Hydraulic part

