

VIGILA 500 MA

Portable submersible pump for wastewater.

PUMP DESCRIPTION

Pumping for evacuation, transfer and emptying of wastewater and emptying of swimming pools. Applications like emptying of flooded garages or basements, drains, residential sumps, water tanks or transfer of water from tanks and cisterns.

PRODUCT INFORMATION

Maximum height (m)	11.7
Maximum flow (m3/h)	16.2
Voltage (V)	230
Frequency (Hz)	50
Input power P1 (kW)	0.85
Capacitor capacity	10µF-450V
Pressure range (m)	11.7-1
Motor power P2 (kW)	0.6
Maximum working pressure (bar)	1
Maximum submersion	2
Number of motor phases	single-phase
Number of poles	2
Cable length	10
Plug type	Shuko
Minimum flow (m3/h)	0.9

FEATURES

ELECTRICAL FEATURES

Electrical isolation	F Class	Protection rating	IP68
Reset	Automatic	Motor type	Asynchronous
Service factor	S1		

MATERIALS

Suction body	Technopolymer	Pump body	Technopolymer
Discharge body	Technopolymer	Pump shaft	Stainless steel AISI 420
Impeller/s	Technopolymer	O-rings	NBR/EPDM

MANUFACTURING FEATURES

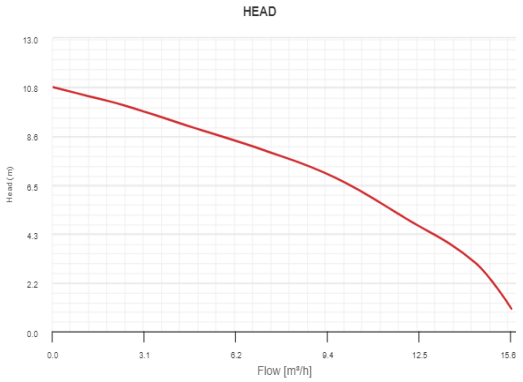
Discharge diameter	32mm	Maximum solids passage (mm)	10
Motor cooling	Water	Seal type	Double lip seal
Discharge connection type	Hose connector		

LIMITATIONS

Maximum submersion (m)	2	Water temperature (°C)	Max: 40

SPECIFICATIONS

PERFORMANCE
Frequency and Units



HYDRAULIC DATA — VIGILA 500 MA single-phase Model

Flow (Q) m3/h	0.0	1.2	2.4	4.8	7.2	9.6	12.0	14.4	15.6
Flow (Q) l/min	0.0	20.0	40.0	80.0	120.0	159.9	199.9	239.9	259.9
Head (H) m	10.8	10.4	10.0	9.0	8.0	6.8	5.0	3.0	1.0