

WIPER 90M

Centrifugal single stage pump for water recirculation.

PUMP DESCRIPTION

Water recirculation in swimming pools, spas and whirlpools.

PRODUCT INFORMATION

Maximum height (m)	9
Voltage (V)	230
Frequency (Hz)	50
Input power P1 (kW)	0.85
Intensity (A)	3.8
Capacitor capacity	12µF-450V
Number of motor phases	single-phase

FEATURES

ELECTRICAL FEATURES

Electrical isolation	F Class	Protection rating	IPX5
Reset	Automatic	Motor type	Asynchronous
Service factor	S1		

MATERIALS

Mechanical seal	Aluminium-Graphite	Suction body	Technopolymer
Pump body	Technopolymer	Discharge body	Technopolymer
Diffuser/s	Technopolymer	Pump shaft	Stainless steel AISI 431
Motor casing	Aluminium	Impeller/s	Technopolymer
O-rings	NBR/EPDM		

MANUFACTURING FEATURES

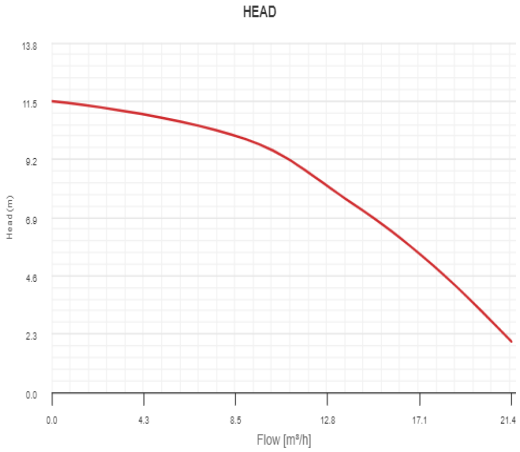
Suction diameter	50mm	Discharge diameter	50mm
Motor cooling	Fan	Seal type	Mechanical seal
Suction connection type	Glue union	Discharge connection type	Glue union

LIMITATIONS

Water temperature (°C)	Max: 50		

SPECIFICATIONS

PERFORMANCE
Frequency and Units



HYDRAULIC DATA — WIPER 90M single-phase Model

Flow (Q) m3/h	0.0	9.0	13.9	17.7	21.3
Flow (Q) l/min	0.0	150.0	231.4	295.2	355.6
Head (H) m	11.5	10.0	7.5	5.0	2.0