

TIPER 90M

Centrifugal single stage pump for water recirculation in whirlpools.

PUMP DESCRIPTION

Water recirculation in whirlpools.

PRODUCT INFORMATION

Maximum height (m)	9
Maximum flow (m3/h)	20
Voltage (V)	230
Frequency (Hz)	50
Input power P1 (kW)	0.9
Intensity (A)	3,8
Capacitor capacity	12µF-450V
Pressure range (m)	9-2.5
Motor power P2 (kW)	0.75
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	32mm
Motor cooling	Fan	Seal type	Mechanical seal
Suction connection type	Glue union	Discharge connection type	Glue union

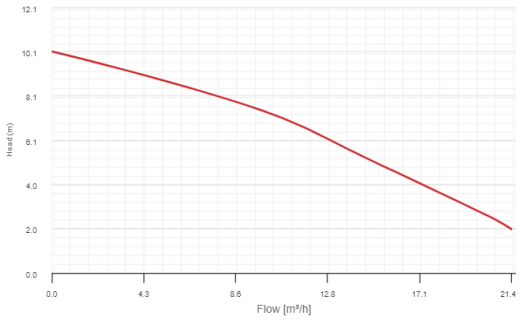
LIMITATIONS

Water temperature (°C)	Max: 50		

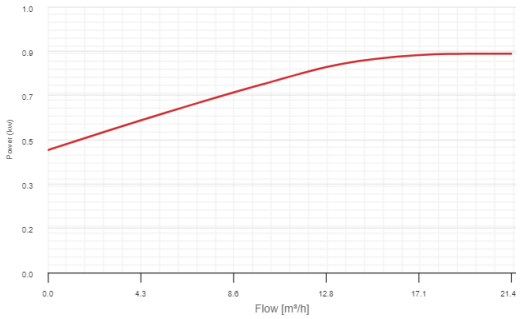
SPECIFICATIONS

PERFORMANCE
Frequency and Units

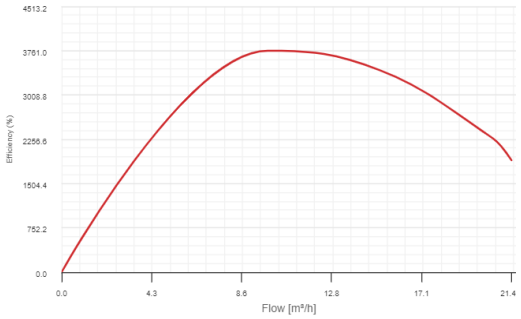
HEAD



POWER



EFFICIENCY



HYDRAULIC DATA — TIPER 90M single-phase Model

Flow (Q) m3/h	0.0	9.8	15.1	20.5	21.4
Flow (Q) l/min	0.0	163.5	252.2	341.8	356.6
Head (H) m	10.1	7.4	5.0	2.5	2.0