

SILEN S 100 18M

Centrifugal single stage pump for water recirculation and filtration.

PUMP DESCRIPTION

Water recirculation and filtration for medium residential swimming pools. Silent. Self-priming up to 4m.

PRODUCT INFORMATION

Maximum height (m)	15
Maximum flow (m3/h)	19.5
Voltage (V)	230
Frequency (Hz)	50
Input power P1 (kW)	1.3
Intensity (A)	6
Capacitor capacity	16µF-450V
Pressure range (m)	15-5
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		

LIMITATIONS

Maximum suction (m)	4	Water temperature (°C)	Max: 40

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	Pre-filter	Technopolymer

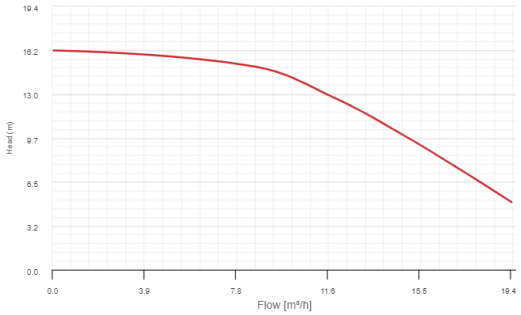
MANUFACTURING FEATURES

Suction diameter	Dual 50mm - 63mm	Discharge diameter	50mm
Motor cooling	Fan	Seal type	Mechanical seal
Suction connection type	Glue union	Discharge connection type	Glue union

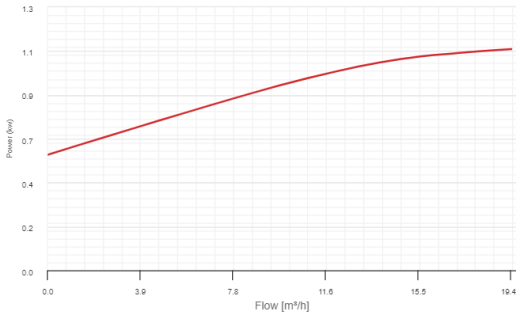
SPECIFICATIONS

PERFORMANCE
Frequency and Units

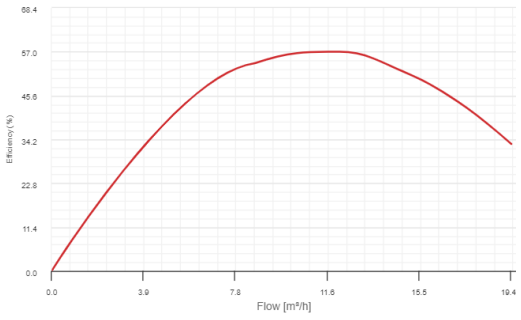
HEAD



POWER



EFFICIENCY



HYDRAULIC DATA — SILEN S 100 18M single-phase Model

Flow (Q) m3/h	0.0	8.6	12.2	14.8	17.2	19.4
Flow (Q) l/min	0.0	142.9	202.6	246.4	285.9	323.5
Head (H) m	16.2	15.0	12.5	10.0	7.5	5.0