

ACUARIA 07S 5M

5" submersible monoblock centrifugal multistage pump for water supply.

PUMP DESCRIPTION

Pumping of clean water for domestic, industrial, agricultural and gardening purposes. Suitable for open wells, ponds and tanks in applications like water transfer, sprinkler or drip irrigation, domestic booster or booster sets.

PRODUCT INFORMATION

Maximum height (m)	50
Maximum flow (m3/h)	4
Voltage (V)	230
Frequency (Hz)	50
Input power P1 (kW)	1
Intensity (A)	4.7
Capacitor capacity	12µF 450V
Pressure range (m)	50-5
Motor power P2 (kW)	0.75
Maximum submersion	12
Number of motor phases	single-phase

FEATURES

ELECTRICAL FEATURES

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

MATERIALS

Mechanical seal	Aluminium-Graphite	Suction body	Stainless steel AISI 304
Pump body	Stainless steel AISI 304	Discharge body	Stainless steel AISI 304
Diffuser/s	Technopolymer	Pump shaft	Stainless steel AISI 431
Impeller/s	Stainless steel AISI 304	O-rings	NBR/EPDM

MANUFACTURING FEATURES

Discharge diameter	1"	Motor cooling	Water
Seal type	Double mechanical seal	Discharge connection type	Thread

LIMITATIONS

Maximum submersion (m)	12	Water temperature (°C)	Max: 40

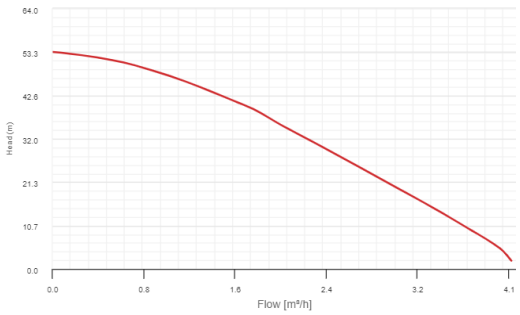
EQUIPMENT

Check valve	Not included		

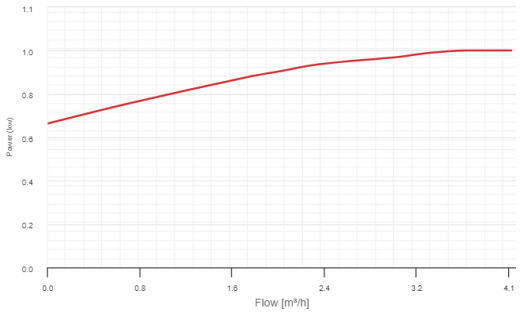
SPECIFICATIONS

PERFORMANCE
Frequency and Units

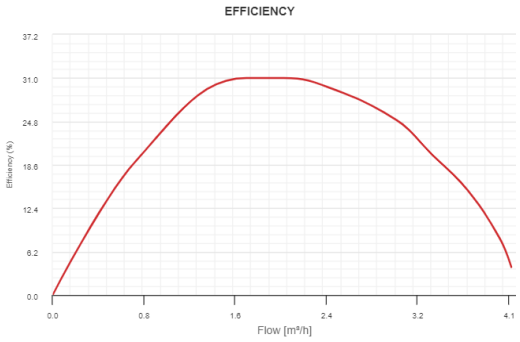
HEAD



POWER



EFFICIENCY



HYDRAULIC DATA — ACUARIA 07S 5M single-phase Model

Flow (Q) m3/h	0.0	0.7	1.7	2.1	2.4	3.1	3.4	3.7	4.0	4.1
Flow (Q) l/min	0.0	12.1	28.7	34.2	39.9	50.9	56.1	61.2	66.2	67.9
Head (H) m	53.3	50.0	40.0	35.0	30.0	20.0	15.1	10.1	5.0	2.0