

Acuaria 07S Groundwater | Submersibles



Submersible monoblock centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Suitable for open wells, ponds and tanks.

Materials

Pump body, suction, discharge, filter and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Double mechanical seal.
O-rings in NBR/EPDM.

Equipment

Check valve not included.
Model MA with float switch.
Model M/T without float switch.
Cable, plug and capacitor: see table.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Continuous operation.
Water cooled motor.
Single phase motor with built-in thermal protection.

Limitations

Maximum water temperature 40 °C.
Maximum submersion 12m.



Model MA

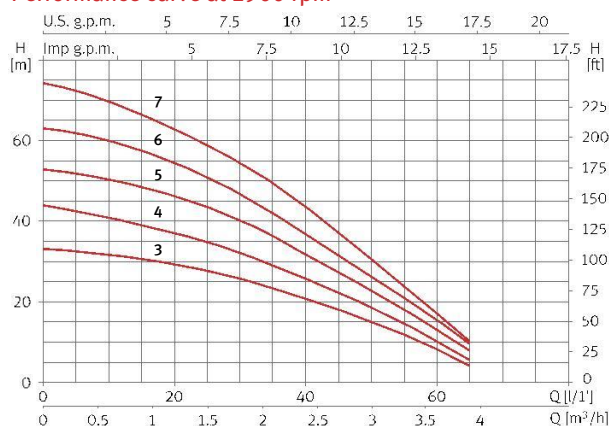
Model M/T

Features table

Model	I [A]		P1 [kW]		P2		c [μF]	l/min m³/h	10	20	30	40	50	60	65
	1~230V	3~400V	1~	3~	[kW]	[HP]			0,6	1,2	1,8	2,4	3,0	3,6	3,9
Acuaria 07S 3	2,9	-	0,6	-	0,37	0,5	12	mwc	33	29	26	21	15	8	4
Acuaria 07S 4	4	1,5	0,8	0,8	0,55	0,75	12		41	37	32	26	19	10	6
Acuaria 07S 5	4,7	2,2	1	1	0,75	1	12		50	46	40	32	23	13	8
Acuaria 07S 6	6,2	2,2	1,2	1,1	0,9	1,2	12		60	55	47	37	26	15	9
Acuaria 07S 7	6,5	2,4	1,4	1,3	1,1	1,5	30		70	64	55	44	31	18	11

Model	Code with internal capacitor and 15m of cable with plug type F.		Code CCE with external capacitor with capacitor box and 15m of cable with plug type F.		Code CEXT with external capacitor without capacitor box and 15m of cable without plug.		Code
	1~230V (Model M cable without plug)	1~230V (Model MA)	1~230V (Model M CCE)	1~230V (Model MA CCE)	1~230V (Model M CEXT)	1~230V (Model MA CEXT)	
Acuaria 07S 3	209123	209078	209401	209353	209133	209127	-
Acuaria 07S 4	209122	209079	209387	209135	209130	209126	209194
Acuaria 07S 5	209124	209080	209402	209136	209131	209128	209196
Acuaria 07S 6	209125	209081	209403	209358	209132	209129	209340
Acuaria 07S 7	-	-	209404	209137	209134	209082	209344

Performance curve at 2900 rpm



Dimension and weight

Model	A	B	C	Kg
Acuaria 07S 3	479	125	1"	10
Acuaria 07S 4	502	125	1"	10,6
Acuaria 07S 5	526	125	1"	11,5
Acuaria 07S 6	569	125	1"	12,4
Acuaria 07S 7	593	125	1"	12,6

