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

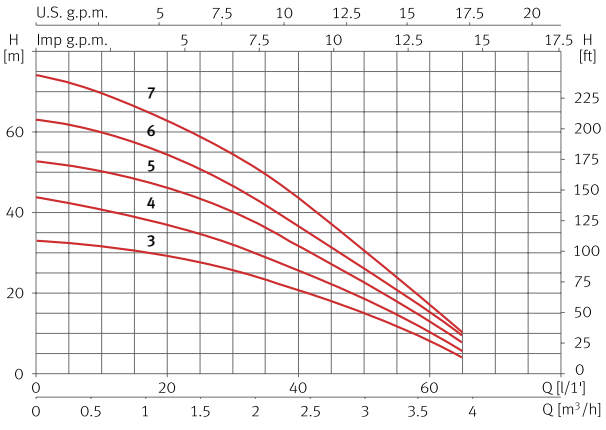

Model M/T

Hydraulic performance table

Model	I [A]		P1 [kW]		P2		c [µF]	l/min	10	20	30	40	50	60	65
	1~ 230V	3~ 400V	1~	3~	[kW]	[HP]		m³/h	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

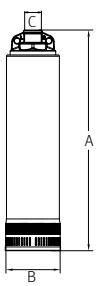
Model	Code with internal capacitor and 15m of cable with plug type F.		Code CEXT with external capacitor without capacitor box and 15m of cable without plug.		Code
	1~230V (Model M)	1~230V (Model MA)	1~230V (Model M CEXT)	1~230V (Model MA CEXT)	3~400V (Model T)
Acuaria 07S 3	00209123	00209078	00209133	00209127	-
Acuaria 07S 4	00209122	00209079	00209130	00209126	00209194
Acuaria 07S 5	00209124	00209080	00209131	00209128	00209196
Acuaria 07S 6	00209125	00209081	00209132	00209129	00209340
Acuaria 07S 7	-	-	00209134	00209082	00209344

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



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Acuaria 17 **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.
15m of cable without plug.
External capacitor.

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.

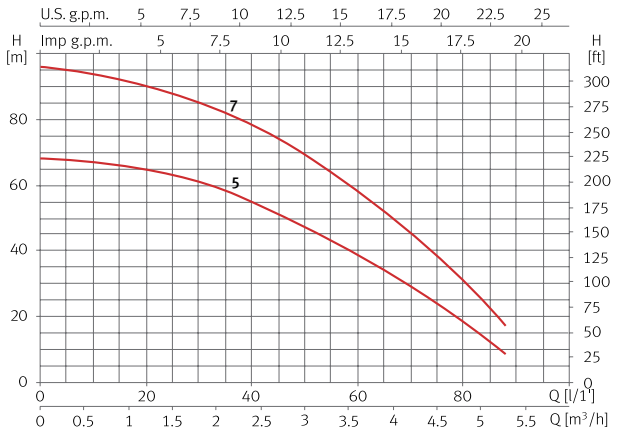

Model MA


Model M/T

Hydraulic performance table

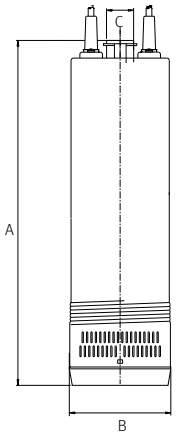
Model	I [A]		P1 [kW]		P2		c [µF]	l/min	10	20	30	40	50	60	80	85	Code		
	1~ 230V	3~ 400V	1~	3~	[kW]	[HP]		m³/h	0,6	1,2	1,8	2,4	3,0	3,6	4,8	5,1	1~230V (Model M)	1~230V (Model MA)	3~400V (Model T)
Acuaria 17 5	7,4	2,6	1,6	1,5	0,9	1,2	16	mwc	67	65	62	55	48	39	18	12	00096265	00096266	00096251
Acuaria 17 7	10,7	3,8	2,2	2,1	1,5	2	25		94	90	85	78	69	58	30	22	00096282	00096283	00096275

Performance curve at 2900 rpm



Dimension and weight

Model	A	B	C	Kg
Acuaria 17 5	554	138	1"	19,8
Acuaria 17 7	646	138	1"	24



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Acuaria 27 **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.
15m of cable without plug.
External capacitor.

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.

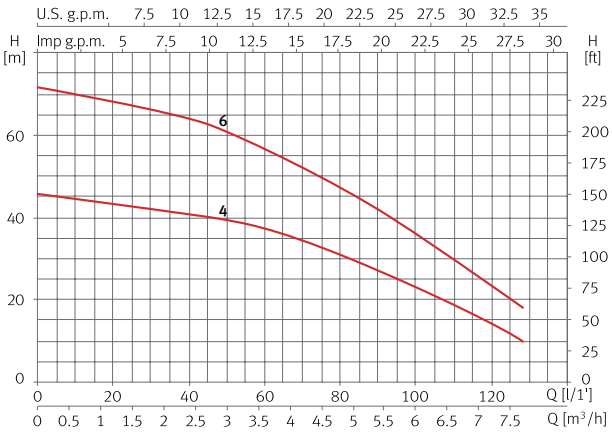

Model MA


Model M/T

Hydraulic performance table

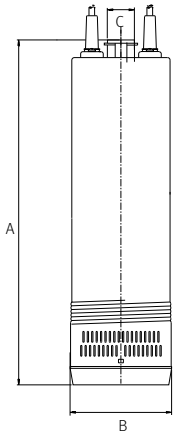
Model	I [A]		P1 [kW]		P2		c [µF]	l/min	20	30	40	50	60	80	100	120	Code		
	1~ 230V	3~ 400V	1~	3~	[kW]	[HP]		m³/h	1,2	1,8	2,4	3,0	3,6	4,8	6,0	7,2	1~230V (Model M)	1~230V (Model MA)	3~400V (Model T)
Acuaria 27 4	7	2,5	1,5	1,4	0,9	1,2	16	mwc	43	42	41	39	38	31	23	14	00096342	00096343	00096328
Acuaria 27 6	10,8	3,8	2,2	2,1	1,5	2	25		68	66	64	61	57	47	36	24	00096359	00096360	00096352

Performance curve at 2900 rpm



Dimension and weight

Model	A	B	C	Kg
Acuaria 27 4	552	138	1"	20
Acuaria 27 6	655	138	1"	24



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Acuaria 37 **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, filter and impellers in AISI 304.
Suction and discharge in cast iron.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Double mechanical seal.
O-rings in NBR/EPDM.

Equipment
Check valve not included.
15m of cable without plug.
External capacitor.

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

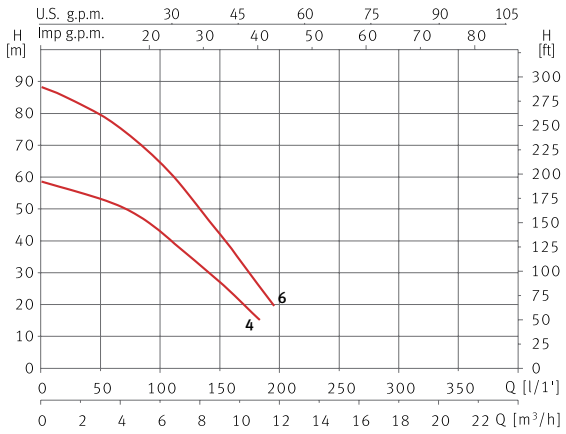
Limitations
Maximum water temperature 40 °C.
Maximum submersion 12m.



Hydraulic performance table

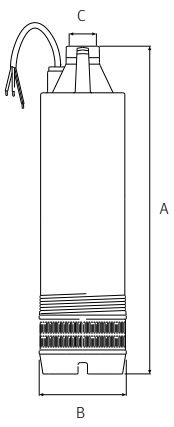
Model	I [A]		P1 [kW]		P2		c [µF]	l/min	12	40	60	100	120	140	160	Code	
	1~ 230V	3~ 400V	1~	3~	[kW]	[HP]		m^3/h	1,2	2,4	3,6	6,0	7,2	8,4	8,6	1~230V (Model M)	3~400V (Model T)
Acuaria 37 4	9,2	3,3	2	1,9	1,1	1,5	30	mwc	56	53	51	41	35	29	22	00135380	00135379
Acuaria 37 6	-	5,3	-	3	2,2	3	-		85	81	77	65	56	46	37	-	00135381

Performance curve at 2900 rpm



Dimension and weight

Model	A	B	C	Kg
Acuaria 37 4	623	152	1 1/2"	27,6
Acuaria 37 6	672	152	1 1/2"	30,6



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Acuaria 57 **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, filter and impellers in AISI 304.
Suction and discharge in cast iron.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Double mechanical seal.
O-rings in NBR/EPDM.

Equipment
Check valve not included.
15m of cable without plug.

Motor
Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Continuous operation.
Water cooled motor.

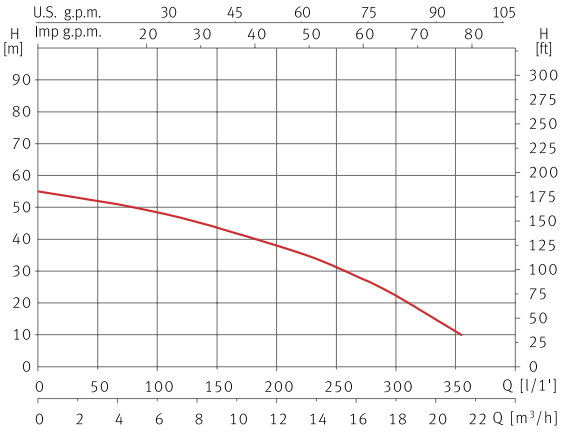
Limitations
Maximum water temperature 40 °C.
Maximum submersion 12m.



Hydraulic performance table

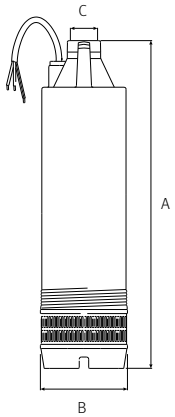
Model	I [A]	P1 [kW]	P2		l/min	50	100	150	200	250	300	350	Code
	3~ 400V	3~	[kW]	[HP]	m³/h	3,0	6,0	9,0	12	15	18	21	3~400V (Model T)
Acuaria 57 4	5,4	3	2,2	3	mwc	53	48	42	38	32	23	12	00135382

Performance curve at 2900 rpm



Dimension and weight

Model	A	B	C	Kg
Acuaria 57 4	684	152	1 1/2"	30,6



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