

Acuaría 07S/17/27 Submersible



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.

Equipment

Check valve not included.
Acuaría 07S: see table.
Acuaría 17/27:
Model MA: float switch and 15m of cable without plug.
Model M/T: without float switch and 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 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
Acuaría 07S 3	2,9	-	0,6	-	0,37	0,5	12	mwc	33	29	26	21	15	8	4
Acuaría 07S 4	4	1,5	0,8	0,8	0,55	0,75	12		41	37	32	26	19	10	6
Acuaría 07S 5	4,7	2,2	1	1	0,75	1	12		50	46	40	32	23	13	8
Acuaría 07S 6	6,2	2,2	1,2	1,1	0,9	1,2	12		60	55	47	37	26	15	9
Acuaría 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)	1~230V (Model MA)	1~230V (Model M CCE)	1~230V (Model MA CCE)	1~230V (Model M CEXT)	1~230V (Model MA CEXT)	
Acuaría 07S 3	209123	209078	209401	209353	209133	209127	-
Acuaría 07S 4	209122	209079	209387	209135	209130	209126	209194
Acuaría 07S 5	209124	209080	209402	209136	209131	209128	209196
Acuaría 07S 6	209125	209081	209403	209358	209132	209129	209340
Acuaría 07S 7	-	-	209404	209137	209134	209082	209344

Model	I [A]		P1 [kW]		P2		c [μF]	l/min m³/h	10	20	30	40	50	60	80	85	Code		
	1~230V	3~400V	1~	3~	[kW]	[HP]			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)
Acuaría 17 5	7,4	2,6	1,6	1,5	0,9	1,2	16	mwc	67	65	62	55	48	39	18	12	96265	96266	96251
Acuaría 17 7	10,7	3,8	2,2	2,1	1,5	2	25		94	90	85	78	69	58	30	22	96282	96283	96275

Model	I [A]		P1 [kW]		P2		c [μF]	l/min m³/h	20	30	40	50	60	80	100	120	Code		
	1~230V	3~400V	1~	3~	[kW]	[HP]			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)
Acuaría 27 4	7	2,5	1,5	1,4	0,9	1,2	16	mwc	43	42	41	39	38	31	23	14	96342	96343	96328
Acuaría 27 6	10,8	3,8	2,2	2,1	1,5	2	25		68	66	64	61	57	47	36	24	96359	96360	96352

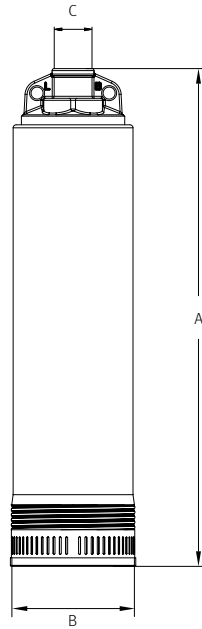
Acuaría 07S/17/27 Submersible



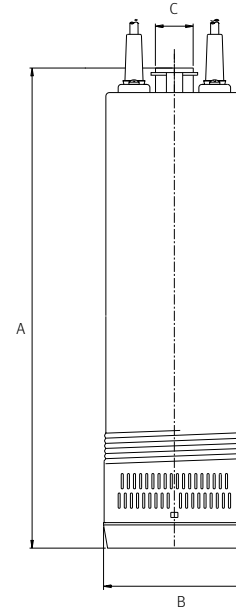
Dimension and weight

Model	A	B	C	Kg
Acuaría 07S 3	479	125	1"	10
Acuaría 07S 4	502	125	1"	10,6
Acuaría 07S 5	526	125	1"	11,5
Acuaría 07S 6	569	125	1"	12,4
Acuaría 07S 7	593	125	1"	12,6
Acuaría 17 5	553	138	1"	14
Acuaría 17 7	646	138	1"	14,2
Acuaría 27 4	552	138	1"	17
Acuaría 27 6	655	138	1"	17,2

Acuaría 07S

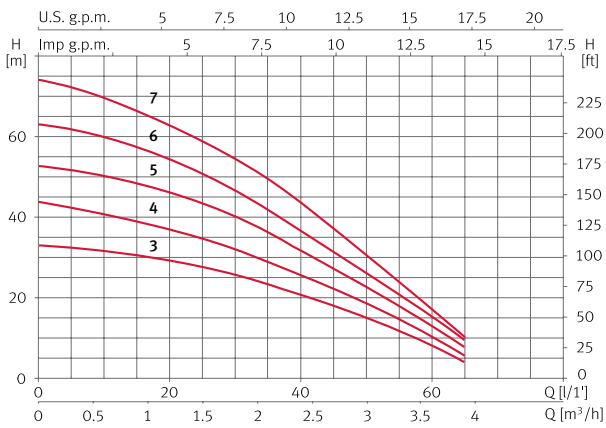


Acuaría 17/27

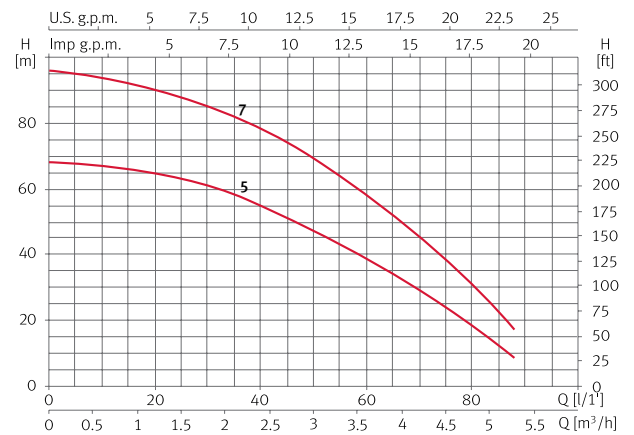


Performance curve at 2900 rpm

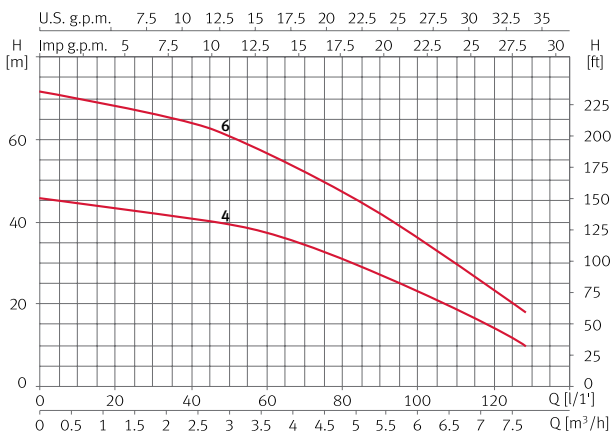
Acuaría 07S



Acuaría 17



Acuaría 27



Acuaría 37/57 Submersible



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.

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.

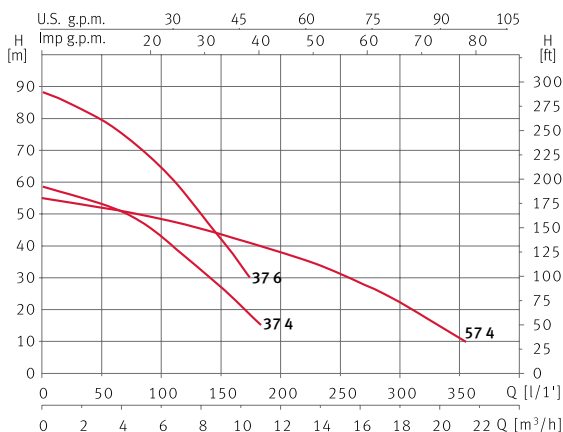


Hydraulic performance table

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]			m³/h	1,2	2,4	3,6	6,0	7,2	8,4	8,6	1~230V
Acuaría 37 4	9,2	3,3	2	1,9	1,1	1,5	30	mwc	56	53	51	41	35	29	22	135380	135379
Acuaría 37 6	-	5,3	-	3	2,2	3	-		85	81	77	65	56	46	37	-	135381

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
Acuaría 57 4	5,4	3	2,2	3	mwc	53	48	42	38	32	23	12	135382

Performance curve at 2900 rpm



Dimension and weight

Model	A	B	C	Kg
Acuaría 37 4	623	152	1 1/2"	27,6
Acuaría 37 6	672	152	1 1/2"	30,6
Acuaría 57 4	684	152	1 1/2"	30,6

