Acuaria07

Applications:
Irrigation, decanting and hydropneumatic sets. Max. immersion level according to technical table, code 2240.

Submersible multi-stage pumps for open wells with a minimum diameter of 125 mm. Double mechanical seal in oil bath.

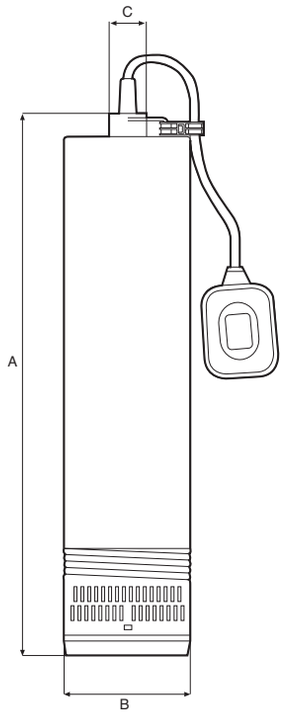
Materials:

Outer casing, discharge body, impellers, filter and motor casing in stainless steel AISI 304.
Motor shaft and pump shaft in stainless steel AISI 303.
Diffusers in tecnopolimer.
Double mechanical seal, in ceramic/graphite/NBR.

Motor:

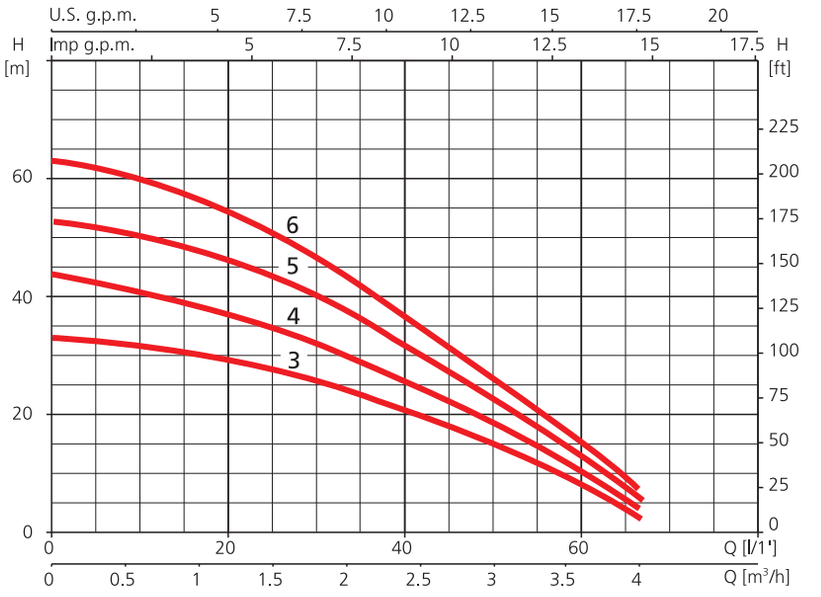
Asynchronous, two poles.
IP 68 protection.
Class F insulation.
Continuous operation.
Water cooled motor.
Single phase motor built-in thermal protection and internal capacitor.
Acuaria 07: without floating level switch.
Acuaria 07 A: with floating level switch.

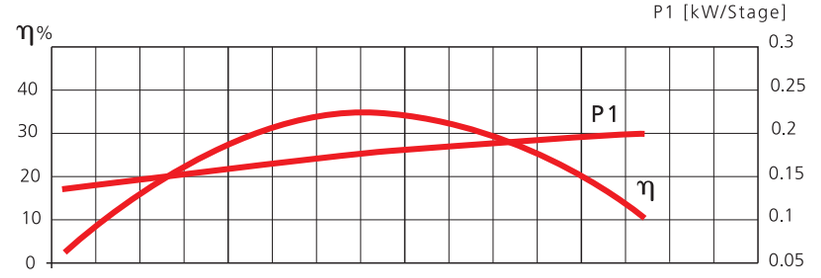
Acuaria07



	A	B	C	Kg
Acuaria07 3	491	123.6	1"	9.8
Acuaria07 4	523.5	123.6	1"	11
Acuaria07 5	557	123.6	1"	12
Acuaria07 6	600	123.6	1"	13.2

Performance curves at 2900 r.p.m.





230 V 50 Hz	400 V 50 Hz	A		P1 (kW)		kW	HP	µF	l/1'	10	20	30	40	45	50	60	65
		1~ 230 V	3~ 400 V	1~	3~				m³/h	0.6	1.2	1.8	2.4	2.7	3.0	3.6	3.9
Acuaria07 3M	Acuaria07 3	2.8	1.2	0.6	0.6	0.37	0.5	12		33	29	26	21	18	15	8	4
Acuaria07 4M	Acuaria07 4	3.5	1.7	0.8	0.8	0.5	0.75	12		41	37	32	26	22	19	10	6
Acuaria07 5M	Acuaria07 5	4.1	1.9	0.95	0.95	0.75	1	12		50	46	40	32	27	23	13	8
Acuaria07 6M	Acuaria07 6	5.0	2.0	1.1	1	0.9	1.2	16		60	55	47	37	32	26	15	9

Acuaria17

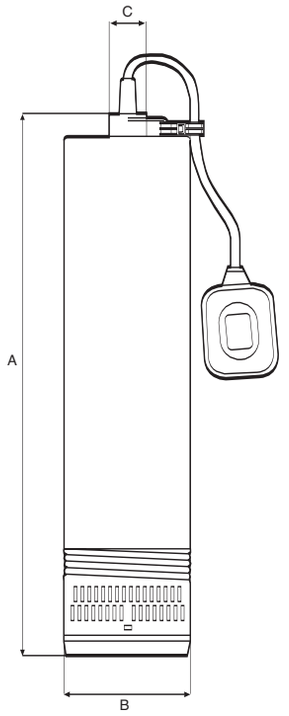
Applications:
Irrigation and hydropneumatic sets. Max. immersion level according to technical table, code 2240.

Submersible multi-stage pumps for open wells with a minimum diameter of 140 mm. Double mechanical seal in oil bath.

Materials:
Outer casing, motor casing, impellers and filter in stainless steel AISI 304.
Motor shaft and pump shaft in stainless steel AISI 303.
Diffusers in tecnopolimer.
Double mechanical seal, in ceramic/graphite/NBR.
Discharge body in stainless steel AISI 304.

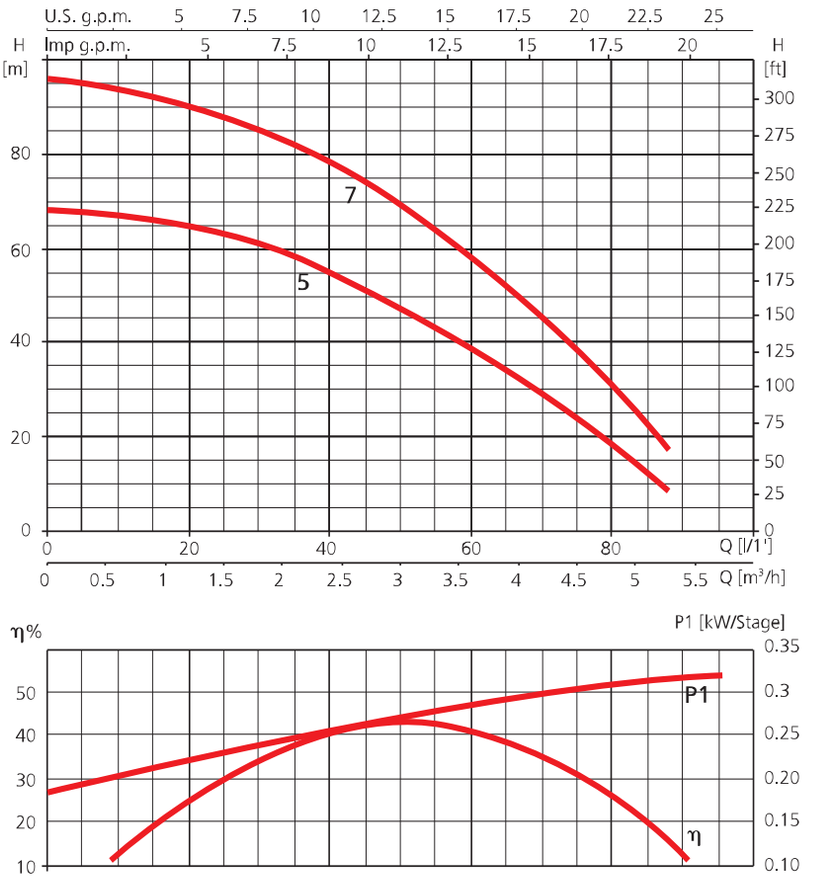
Motor:
Asynchronous, two poles.
IP 68 protection.
Class F insulation.
Continuous operation.
Water cooled motor.
Single phase motor built-in thermal protection.
Acuaria 17: without floating level switch.
Acuaria 17 A: with floating level switch.

Acuaria17



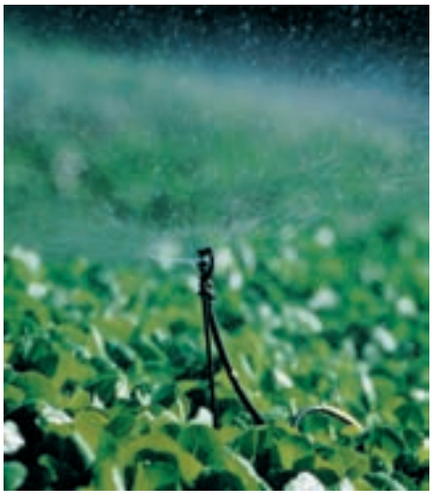
	A	B	C	Kg
Acuaria17 5	553	138	1"	14
Acuaria17 7	646	138	1"	14.2

Performance curves at 2900 r.p.m.



230 V 50 Hz	400 V 50 Hz	A		P1 (kW)		kW	HP	µF	l/1'	10	20	30	40	50	60	80	85
		1~ 230 V	3~ 400 V	1~	3~				m³/h	0.6	1.2	1.8	2.4	3.0	3.6	4.8	5.1
Acuaria17 5M	Acuaria17 5	7.4	2.6	1.6	1.5	0.9	1.25	16		67	65	62	55	48	39	18	12
Acuaria17 7M	Acuaria17 7	10.7	3.82.2	2.1	1.5	2.0	25			94	90	85	78	69	58	30	22

Acuaria27



Applications:
Irrigation and hydropneumatic sets.
Max. immersion level according to technical table, code 2240.

Submersible multi-stage pumps for open wells with a minimum diameter of 140 mm. Double mechanical seal in oil bath and automatic purge valve.

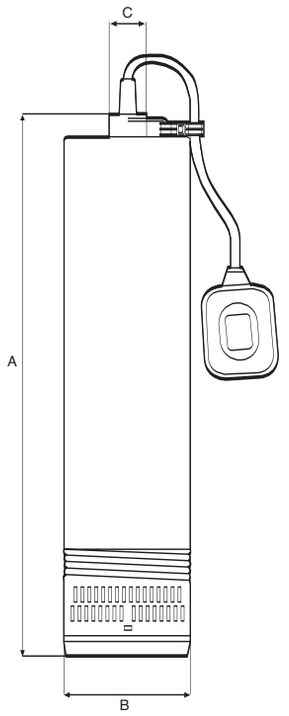
Materials:

Outer casing, motor casing, impellers and filter in stainless steel AISI 304.
Motor shaft and pump shaft in stainless steel AISI 303.
Diffusers in tecnopolimer.
Double mechanical seal, in ceramic/graphite/NBR.
Discharge body in stainless steel AISI 304.

Motor:

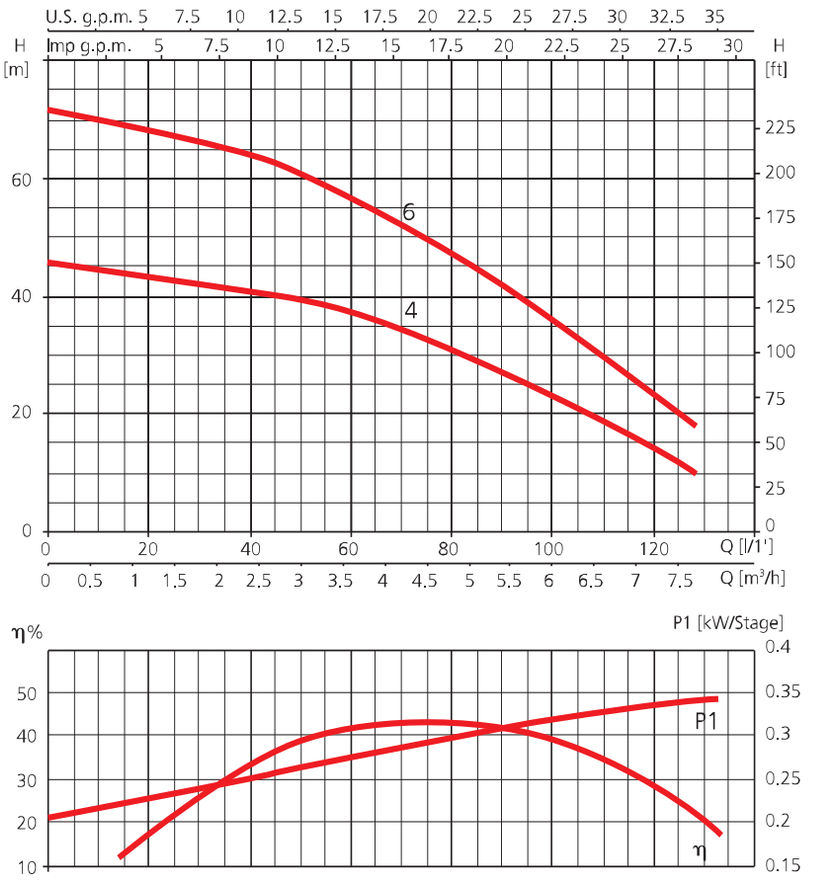
Asynchronous, two poles.
IP 68 protection.
Class F insulation.
Continuous operation.
Water cooled motor.
Single phase motor built-in thermal protection.
Acuaria 27: without floating level switch.
Acuaria 27 A: with floating level switch.

Acuaria27



	A	B	C	Kg
Acuaria27 4	552	138	1"	17
Acuaria27 6	655	138	1"	17.2

Performance curves at 2900 r.p.m.



230 V 50 Hz	400 V 50 Hz	A		P1 (kW)		kW	HP	µF	l/1'	20	30	40	50	60	80	100	120
		1~ 230 V	3~ 400 V	1~	3~				m³/h	1.2	1.8	2.4	3.0	3.6	4.8	6	7.2
Acuaria27 4M	Acuaria27 4	7	2.5	1.5	1.4	0.9	1.25	16		43	42	41	39	38	31	23	14
Acuaria27 6M	Acuaria27 6	10.8	3.8	2.2	2.1	1.5	2.0	25		68	66	64	61	57	47	36	24

Acuaria37

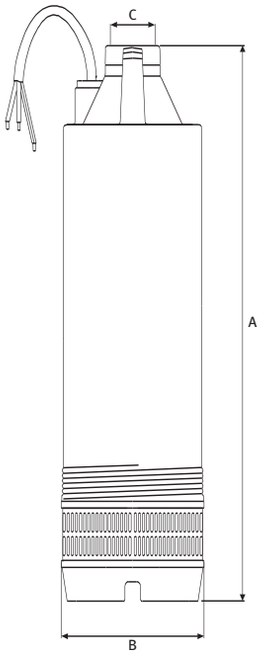
Applications:
Specially designed for irrigation and hydropneumatic sets.

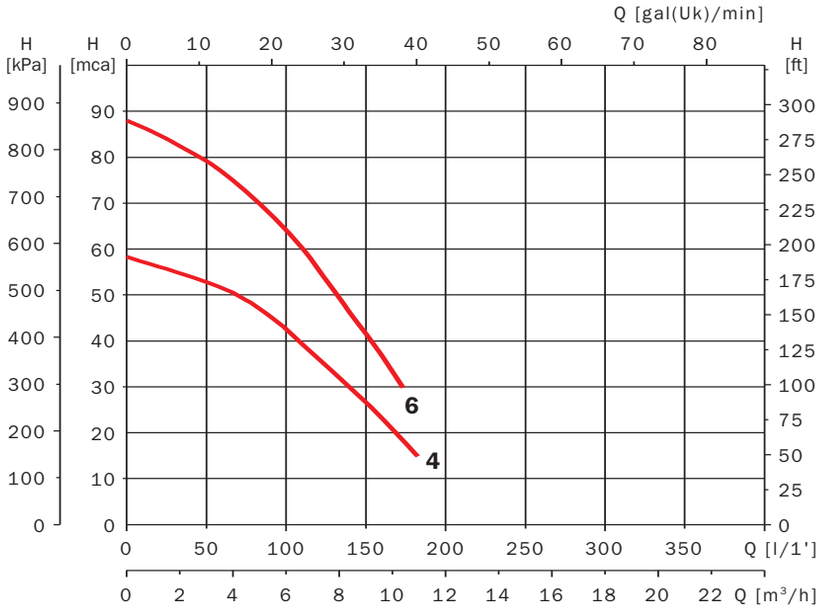
Submersible multi-stage pumps for open wells with a minimum diameter of 155 mm.

Materials:
Outer casing, motor casing, impellers and filter in stainless steel AISI 304.
Motor shaft and pump shaft in stainless steel AISI 303.
Diffusers in tecopolimer.
Double mechanical seal in ceramic/graphite/NBR.
Pump base and discharge body in cast iron pinted by cataforesis.

Motor:
Asynchronous, two poles.
IP 68 protection.
Class F insulation.
Continuous operation.
Water cooled motor.

Acuaria37





	A	B	C	Kg
Acuaria37 4	622.5	152	1 1/2"	27,6
Acuaria37 6	671.5	152	1 1/2"	30,6

230 V 50 Hz	230-400 V 50 Hz	A			P1 (kW)		kW	HP	µF	l/1'	12	40	60	80	100	120	140	160
		1~ 230 V	3~ 230 V	3~ 400 V	1~	3~				m³/h	1,2	2,4	3,6	4,8	6,0	7,2	8,4	8,6
Acuaria37 4M	Acuaria37 4	9.2	5.2	3.3	2	1.9	1.1	1.5	30		55,7	53,4	50,9	46,5	41,0	35,2	29,1	22,3
	Acuaria37 6		9.2	5.3		3	2.2	3			84,5	80,7	77,4	72,3	64,8	56,3	46,1	37,2

Acuaria57

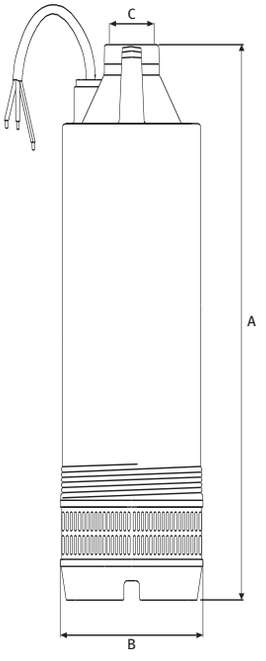
Applications:
Specially designed for irrigation and hydropneumatic sets.

Submersible multi-stage pumps for open wells with a minimum diameter of 155 mm.

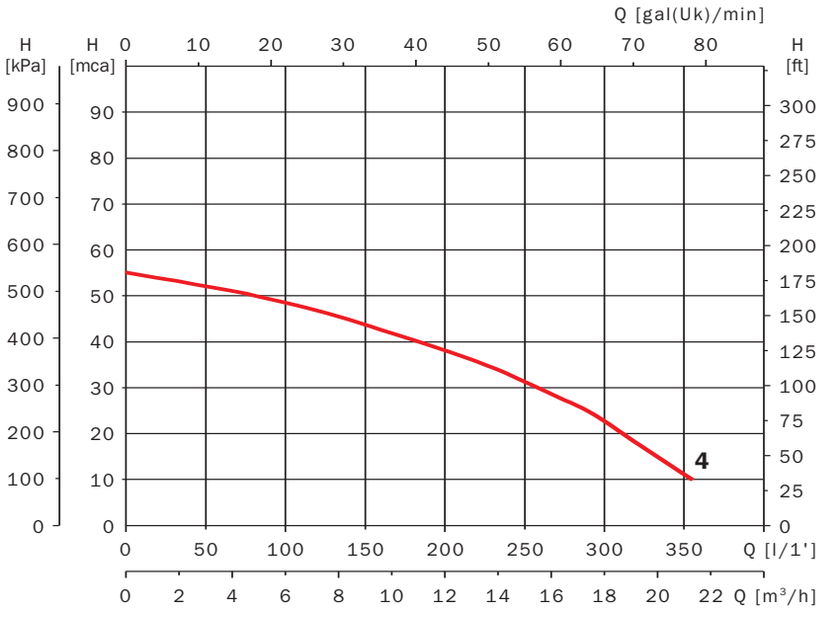
Materials:
Outer casing, motor casing, impellers and filter in stainless steel AISI 304.
Motor shaft and pump shaft in stainless steel AISI 303.
Diffusers in tecopolimer.
Double mechanical seal in ceramic/graphite/NBR.
Pump base and discharge body in cast iron pinted by cataforesis.

Motor:
Asynchronous, two poles.
IP 68 protection.
Class F insulation.
Continuous operation.
Water cooled motor.

Acuaria57



Performance curves at 2900 r.p.m.



	A	B	C	Kg
Acuaria57 4	684	152	1 1/2"	30.6

230 V 50 Hz	230/400 V 50 Hz	A			P1 (kW)		kW	HP	µF	l/1'	50	100	150	200	250	300	350
		1~	3~		1~	3~				m^3/h	20	60	100	140	180	220	260
		230 V	230 V	400 V													
	Acuaria57 4		9.4	5.4		3	2.2	3			52,5	48,1	42,2	37,8	31,5	23,2	12,1