

Acuaría 37/57 Submersible



Submersible multi-stage pumps for open wells

Applications

Specially designed for irrigation and hydropneumatic sets.

Motor

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

Limitations

Maximum liquid temperature: 40 °C.
Max. immersion level according to the technical table on page 281.

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 technopolymer.
Double mechanical seal in ceramic/graphite/NBR.
Pump base and discharge body in cast iron painted with cataforesis.
Foodgrade oil in seal chamber.
Energy Index MEI \geq 0,4.

Equipment

Complete with 15 m of power cable.
Capacitor (single-phase only, box extra).
Acuaría 37/57: for open wells with a minimum \varnothing 155 mm.



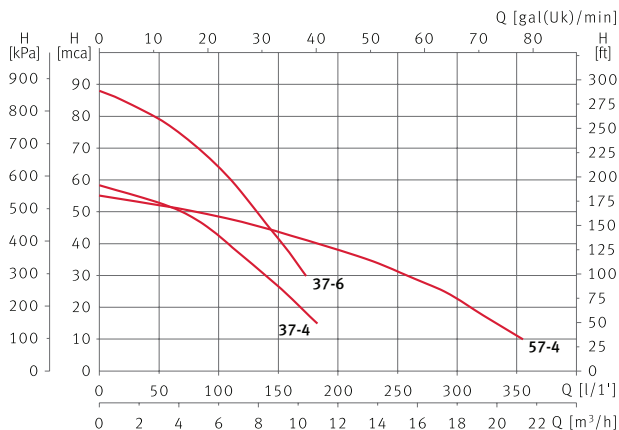
See page 168 Accessories.

Hydraulic performance table

Model	I [A]		P1 [kW]		P2		c	l/min	12	40	60	100	120	140	160	1~ 230V M	3~ 400V T
	1~ 230 V	3~ 400 V	1~ 230 V	3~ 400 V	[kW]	[HP]			[μ F]	m ³ /h	1.2	2.4	3.6	6.0	7.2	8.4	8.6
Acuaría 37 4	9.2	3.3	2	1.9	1.1	1.5	30	mwc	55.7	53.4	50.9	41	35.2	29.1	22.3	135380	135379
Acuaría 37 6		5.3		3	2.2	3			84.5	80.7	77.4	64.8	56.3	46.1	37.2		135381

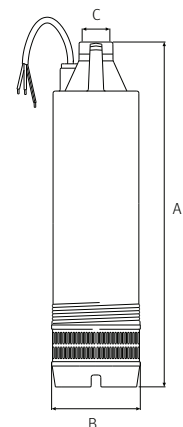
Model	I [A]	P1 [kW]	P2		l/min	50	100	150	200	250	300	350	3~ 400V T
	3~ 400 V	3~ 400 V	[kW]	[HP]		m ³ /h	3.0	6.0	9.0	12	15	18	21
Acuaría 57 4	5.4	3	2.2	3	mwc	52.5	48.1	42.2	37.8	31.5	23.2	12.1	135382

Performance curves at 2900 rpm



Dimensions and weights

Model	A	B	C	[Kg]
Acuaría 37 4	622.5	152	1 1/2"	27.6
Acuaría 37 6	671.5	152	1 1/2"	30.6
Acuaría 57 4	684	152	1 1/2"	30.6



*Service kits are available on request