

# Acuaria 37 Submersible



## Submersible multi-stage pumps for open wells

### Applications

Specially designed for irrigation and hydropneumatic sets.

### Materials

Outer casing, motor casing, impellers and filter in AISI 304 stainless steel.  
 Motor shaft and pump shaft in AISI 303 stainless steel.  
 Diffusers in technopolymer.  
 Double mechanical seal in ceramic/graphite/NBR.  
 Pump base and discharge body in cast iron painted by cathoporesis.  
 Food grade oil in seal chamber.

### Motor

Asynchronous, 2 poles.  
 IP 68 protection.  
 Class F insulation.  
 Continuous operation.  
 Water-cooled motor.

### Equipment

Complete with 15 m of power cable.  
 Capacitor (single-phase only, box extra).  
 For open wells with a minimum  $\varnothing$ 155 mm.

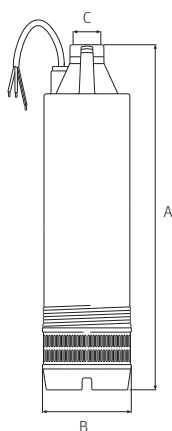
### Limitations

Maximum liquid temperature: 40 °C.

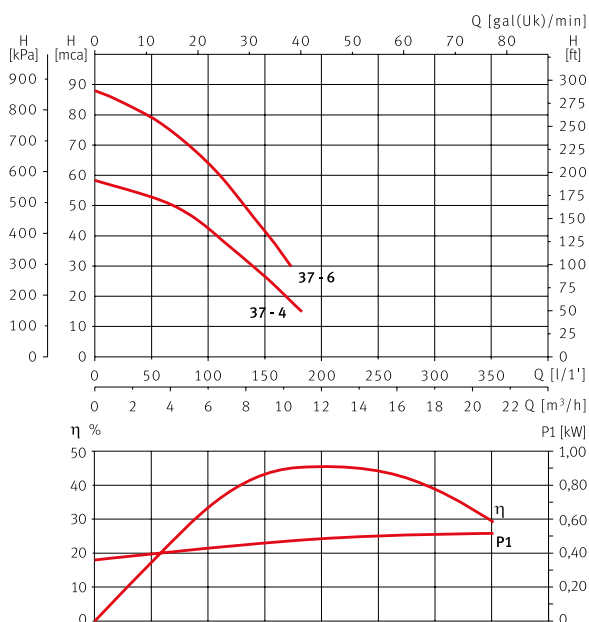


### Dimensions and weights

Model	A	B	C	kg
Acuaria 37 4	622,5	152	1 1/2"	27,6
Acuaria 37 6	671,5	152	1 1/2"	30,6



### Performance curves at 2900 rpm



### Hydraulic performance table

Model	I (A)			P1 (kW)		P2		μF	l/min	12	40	60	80	100	120	140	160
	1~ 230 V	230 V	3~ 400 V	1~	3~	(kW)	(HP)										
Acuaria 37 4	9,2	5,2	3,3	2	1,9	1,1	1,5	30	mwc	55,7	53,4	50,9	46,5	41,0	35,2	29,1	22,3
Acuaria 37 6	9,2	5,3		3	2,2	2,2	3			84,5	80,7	77,4	72,3	64,8	56,3	46,1	37,2