

Acuaria 07N Submersible



Submersible multi-stage pumps for open wells

Applications

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

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 the model Acuaria 07N 7 is with external.

Acuaria 07N: without floating level switch.

Acuaria 07N A: with floating level switch.

Equipment

Complete with 15 m of power cable.

For open wells.

Double mechanical seal in oil bath.

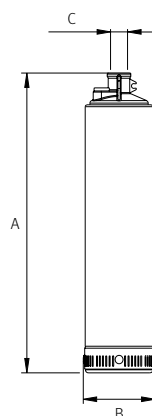
Limitations

Maximum liquid temperature: 40 °C.

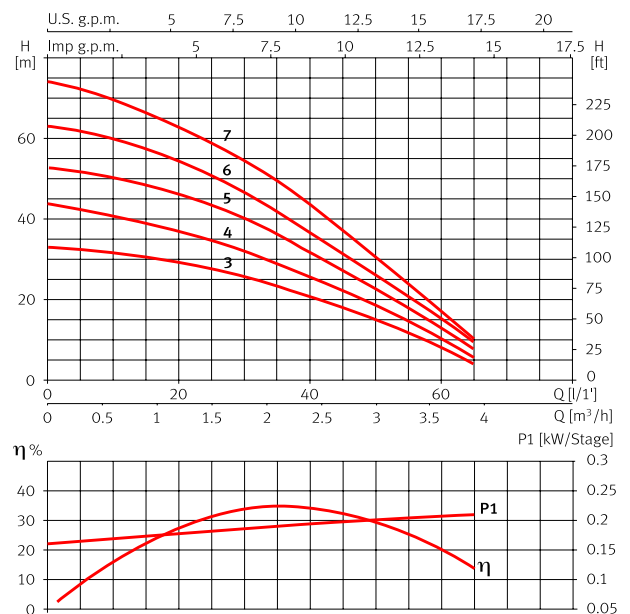


Dimensions and weights

Model	A	B	C	kg
Acuaria 07N 3	470	126	1"	10
Acuaria 07N 4	493	126	1"	10,6
Acuaria 07N 5	517	126	1"	11,5
Acuaria 07N 6	560	126	1"	12,4
Acuaria 07N 7	583	126	1"	12,6



Performance curves at 2900 rpm



Hydraulic performance table

Model	I (A)			P1 (kW)		P2		μF	l/min m³/h	10	20	30	40	45	50	60	65
	1~ 230 V	230 V	3~ 400 V	1~	3~	(kW)	(HP)										
Acuaria 07N 3	2,8		1,2	0,6	0,6	0,37	0,5	12	33	29	26	21	18	15	8	4	
Acuaria 07N 4	3,5		1,7	0,8	0,8	0,5	0,75	12	41	37	32	26	22	19	10	6	
Acuaria 07N 5	4,1		1,9	1	1	0,75	1	12	50	46	40	32	27	23	13	8	
Acuaria 07N 6	5		2	1,2	1,1	0,9	1,2	16	60	55	47	37	32	26	15	9	
Acuaria 07N 7	5,5		2,4	1,4	1,3	1,1	1,5	30	70	64	55	44	38	31	18	11	