

WELLS AQUALIJU

submersible pump for wells



clean water



domestic use

Vertical outlet

DN 1" - **AJ**
DN 1" ¼ - **A**
DN 1" ½ - **AC**
DN 2" - **AB**



KEY ADVANTAGES OF A AQUALIJU PUMP

The range of well pumps multistage AQUALIJU benefits from the latest technological advances. Its vacuum system ensures the engine's cooling by channeling water in a jacket.

The combination of stainless steel for the turbines and glass fiber reinforced NORYL for broadcasters, provides excellent resistance to abrasion due to sand for maximum efficiency.

USE

Domestic, agricultural, industrial irrigation - Transfer and pressure.

Maximum fluid temperature: 35°

Sand content capacity: 60g/m³

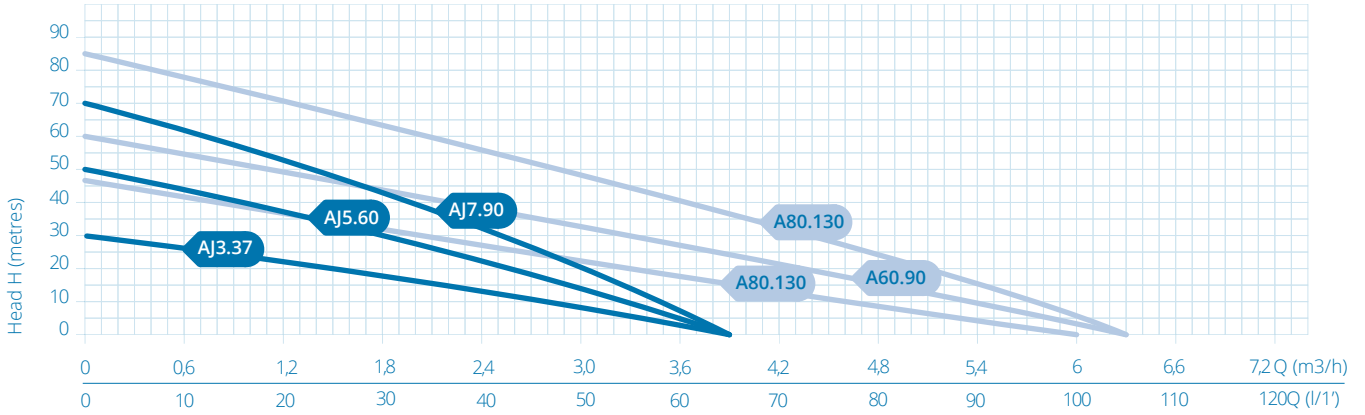
Maximum number of start-up time: 30/h

FEATURES

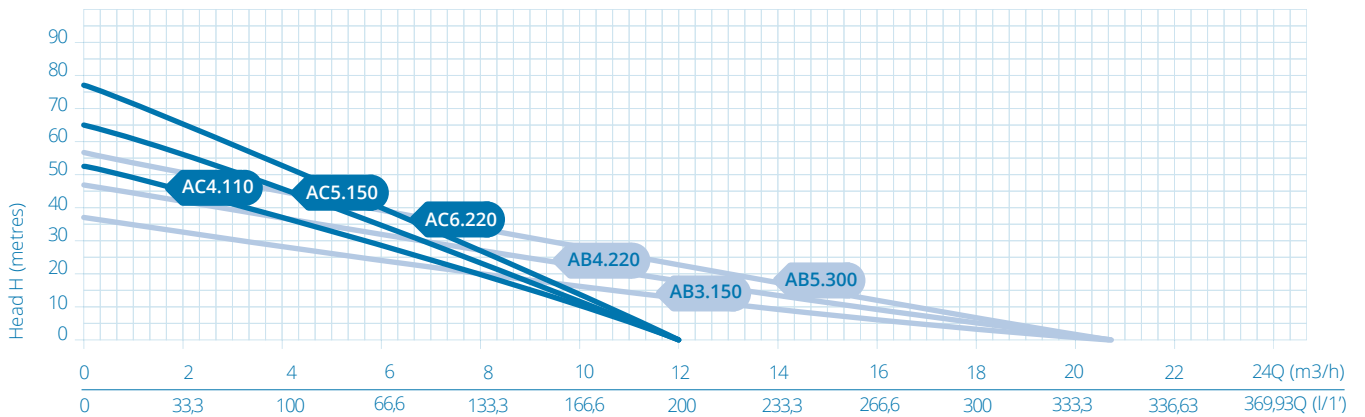
- Asynchronous single-phase 230V, three phase 400V - Class F;
- Engine oil immersed food, non-toxic, non-polluting;
- Stainless steel shaft 420B - Protection IP 58;
- Strainer, motor casing, pump head stainless steel 304;
- Double sealing lip seal reinforced and carbon ceramic mechanical seal;
- Possibility of SIC / SIC request.

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50Hz

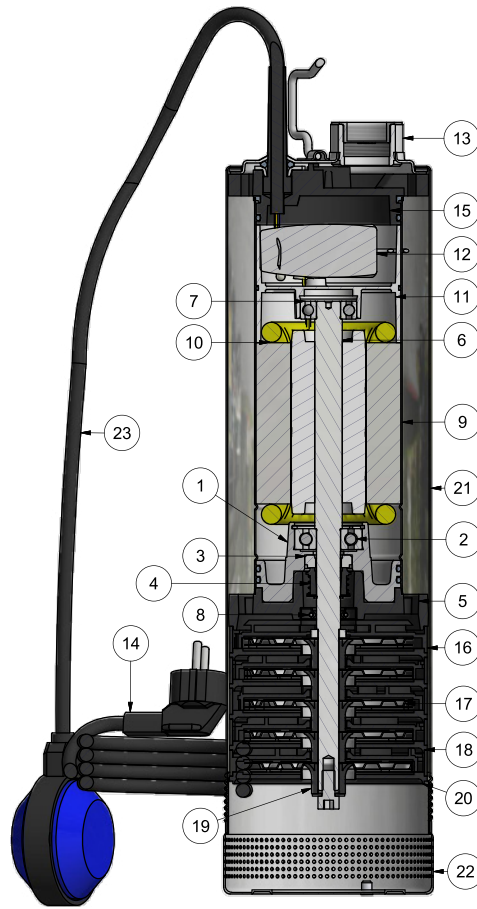


50Hz



TYPE	POWER kW	MOTOR		PORT DN	Q	m³/h																		
		1~ A	μF			3~ A	0	0,6	1,2	1,8	2,4	3	4,5	5,7	9	10,5	12	15	18	19,8				
AJ 3.37	0,37	2,6	12	1,2	1"	0	10	20	30	40	50	75	95	150	175	200	250	300	330					
AJ 5.60	0,6	4,1	16	1,4	1"	30	28	25	21	16	11	8												
AJ 7.90	0,9	5,8	20	2,1	1"	50	47	42	35	28	18	13												
						70	63	54	44	34	22	15												
A 40.60	0,6	4,6	16	1,8	1 1/4"		47	44	41	37	33	29	26	15										
A 60.90	0,9	6,0	20	2,3	1 1/4"		60	57	53	49	45	40	38	26										
A 80.130	1,3	8,4	30	3,0	1 1/4"		85	82	77	72	66	59	55	37										
H - meters																								
AC 4.110	1,1	10	40	3,9	1 1/2"		53	52,5	51,5	50	49	48	47	44	40	39	23	14						
AC 5.150	1,5	12	50	4,6	1 1/2"		65	64	63	62	60	58	57	54	49	48	31	18						
AC 6.220	2,2	14	50	5,0	1 1/2"		77	75	74	72	70	68	67	63	56	55	35	21						
AB 3.150	1,5	11	50	3,6	2"		36	35,5	35	34,5	34	33	31	32	30	29	26	24	16	6				
AB 4.220	2,2	12	50	4,2	2"		46	45,5	45	44,5	44	43	42	41	40	39	35	33	24	9				
AB 5.300	3,0	-	-	6	2"		57	56,5	56	55,5	55	54	53	52	50	49	44	41	30	13				

COMPONENTS AND MATERIALS



POS.	COMPONENT	MATERIALS	POS.	COMPONENT	MATERIALS
1	Bearing Holder Support	Cast Iron	13	Outside Higher Cover	Stainless Steel
2	Bearing	Steel	14	Power Cable	Neoprene
3	Mechanical Seal Fixe	Nitrile Rubber / Ceramics	15	Head	Noryl
4	Mechanical Seal Mobile	Graphite Steel	16	Initial Diffuser	Noryl
5	Bearing Holder Support	Noryl	17	Impeller	Stainless Steel
6	Rotor / Shaft	Steel and Aluminium / Stainless Steel	18	Diffuser Lid Welded	Noryl
7	Bearing	Steel	19	Bushing for Impeller	Noryl
8	Lip Seals	Nitrile Rubber	20	Diffuser Cover	Noryl
9	Motor Casing	Stainless Steel	21	External Motor Casing	Stainless Steel
10	Stator		22	Aspiration Filter	Stainless Steel
11	Top Engine Support	Aluminium	23	Float	Neoprene Plastic
12	Capacitor				

DIMENSIONS AND WEIGHT



TYPE	DIMENSIONS (mm)			WEIGHT
	ØA	ØB	H	Kg
AJ 3.37			360	8,5
AJ 5.60	1"	117	420	10,5
AJ 7.90			470	12,0
A 40.60			470	12,5
A 60.90	1"¼	128	505	13,0
A 80.130			580	16,0
AC 4.110			450	21,0
AC 5.150	1"½	150	475	22,0
AC 6.220			515	23,5
AB 3.150			486	22,0
AB 4.220	2"	150	536	23,5
AB 5.300			570	25,0