AJDm
Jet Pump for Deep Wells

Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for lifting water from the well, sprinkling irrigation in garden, pressure boosting of running water, and supporting equipment etc.

Pump

- Cast iron pump body and support under special anti-rust treatment
- Stainless steel impeller
- AISI 304 shaft
- Max. liquid temperature: +40℃
- Max. suction: +40 m

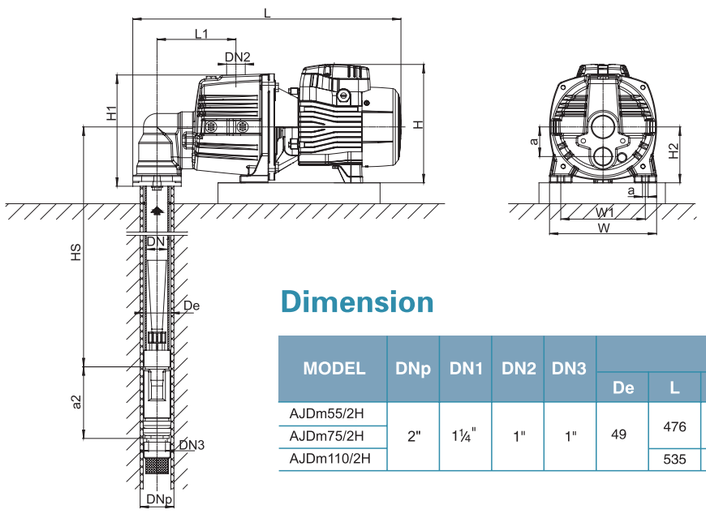
Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40℃

Identification Code

A JD m- 55/2 H

- H — High Head
- 55 — Inlet Diameter (")
- 2 — Power (X10 W)
- m — Single Phase Motor (Omitted for three-phase motor)
- JD — Jet Pump for Deep Well
- A — LEO Product Style



Dimension

MODEL	DNp	DN1	DN2	DN3	DIMENSIONS (mm)										
					De	L	H	W	L1	H1	H2	W1	a	a2	S
AJDm55/2H	2"	1¼"	1"	1"	49	476	212	190	140	204	110	150	53	128	10
AJDm75/2H															
AJDm110/2H						535	237	206	153	211	112	166			

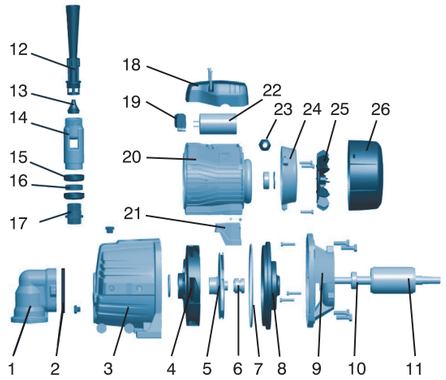
Technical Data

MODEL	POWER (kW)	POWER (HP)	HS (m)	Q (l/min)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
AJDm55/2H	0.55	0.75	15	H (m)	37	33	30	27	25	23	21	19	17	15	13	-	-	-	-	-
AJDm75/2H	0.75	1			47	43	40	37	34	31	29	27	25	23	21	19	17	-	-	-
AJDm110/2H	1.1	1.5			70	65	61	57	53	50	47	44	42	40	38	36	34	32	30	28
AJDm55/2H	0.55	0.75	20		30	26	23	21	19	17	15	13	-	-	-	-	-	-	-	-
AJDm75/2H	0.75	1			39	36	33	30	27	24	22	20	18	17	-	-	-	-	-	-
AJDm110/2H	1.1	1.5			62	57	53	49	46	43	40	38	36	34	32	28	28	-	-	-
AJDm55/2H	0.55	0.75	25		23	19	16	14	12	-	-	-	-	-	-	-	-	-	-	-
AJDm75/2H	0.75	1			32	29	26	23	20	18	16	-	-	-	-	-	-	-	-	-
AJDm110/2H	1.1	1.5			54	49	45	42	39	36	33	31	29	27	-	-	-	-	-	-
AJDm55/2H	0.55	0.75	30		16	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AJDm75/2H	0.75	1			25	22	19	16	-	-	-	-	-	-	-	-	-	-	-	-
AJDm110/2H	1.1	1.5			46	42	38	35	32	29	27	-	-	-	-	-	-	-	-	-
AJDm75/2H	0.75	1	35		18	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AJDm110/2H	1.1	1.5			39	35	31	28	-	-	-	-	-	-	-	-	-	-	-	-
AJDm110/2H	1.1	1.5	40		32	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Materials Table

No.	Part	Material
1	Elbow	HT200
2	Gasket seal	NBR
3	Pump body	HT200
4	Diffuser	PPO
5	Impeller	AISI 304
6	Mechanical seal	Carbon/Ceramic
7	O-ring	NBR
8	Support cover	AISI 304/HT200
9	Support	ZL102
10	Bearing	
11	Rotor	
12	Venturi tube	PPO
13	Nozzle	PPO

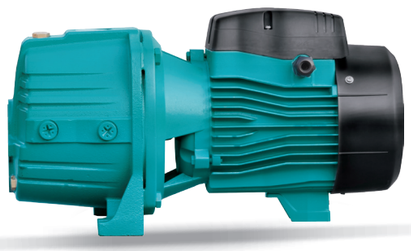
No.	Part	Material
14	Ejector	HT200
15	Sealing cup	NBR
16	Copper sheathing	HPb59-1
17	Copper sleeve	HPb59-1
18	Terminal box	ABS
19	Terminal board	PC
20	Stator	
21	Motor foot	PA6
22	Capacitor	
23	Cable holder	
24	Rear cover	ZL102
25	Fan	PP
26	Fan cover	PP

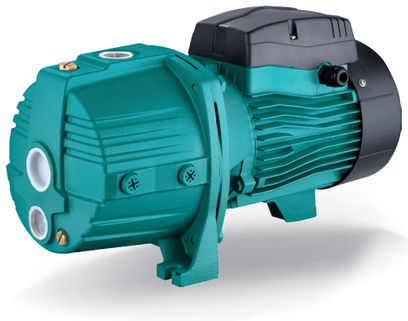


Package Information

MODEL	WG (kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
AJDm55/2H	15.65	500	215	240	1053
AJDm75/2H	16.9	500	215	240	1053
AJDm110/2H	21.95	585	230	265	728

AJDm
Jet Pump for Deep Wells





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- AISI 304 shaft
- Max. liquid temperature: +40℃
- Max. suction: +40 m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40℃

Identification Code

A JD m - 55/4 H

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- 4 — Power (X10 W)
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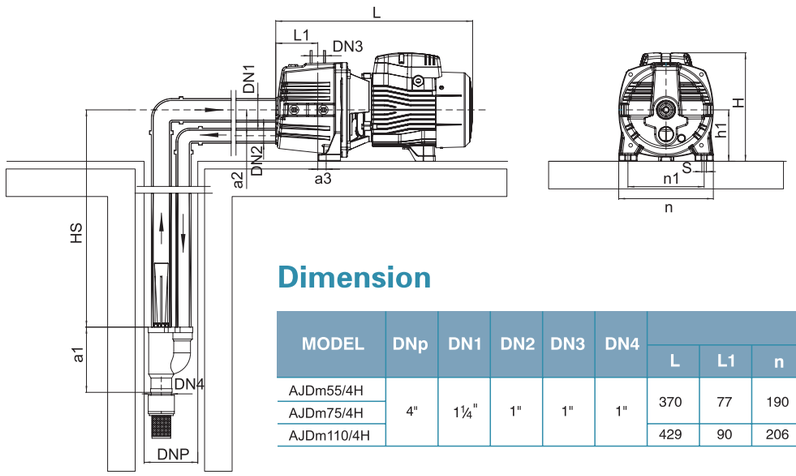

Dimension

MODEL	DNp	DN1	DN2	DN3	DN4	DIMENSIONS (mm)									
						L	L1	n	n1	H	h1	a1	a2	a3	S
AJDm55/4H	4"	1¼"	1"	1"	1"	370	77	190	150	212	100	160	53	17	10
AJDm75/4H															
AJDm110/4H						429	90	206	166	236	112			12	

Technical Data

MODEL	POWER (kW)	POWER (HP)	HS (m)	Q (l/min)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34
AJDm55/4H	0.55	0.75	15	H (m)	39	35	33	29	27	25	23	21	19	17	15	14	13	-	-	-	-	-
AJDm75/4H	0.75	1			50	46	43	40	37	34	32	30	28	26	24	22	20	19	18	17	-	-
AJDm110/4H	1.1	1.5			75	70	66	62	58	55	52	49	47	45	43	41	39	37	35	33	31	29
AJDm55/4H	0.55	0.75	20		32	28	25	23	21	19	17	15	13	-	-	-	-	-	-	-	-	-
AJDm75/4H	0.75	1			42	39	36	33	30	27	25	23	21	20	18	17	-	-	-	-	-	-
AJDm110/4H	1.1	1.5			67	62	58	54	51	48	45	43	41	39	37	35	33	31	29	27	-	-
AJDm55/4H	0.55	0.75	25		25	21	18	16	14	12	-	-	-	-	-	-	-	-	-	-	-	-
AJDm75/4H	0.75	1			35	32	29	26	23	21	19	17	-	-	-	-	-	-	-	-	-	-
AJDm110/4H	1.1	1.5			59	54	50	47	44	41	38	36	34	32	30	28	-	-	-	-	-	-
AJDm55/4H	0.55	0.75	30		18	15	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AJDm75/4H	0.75	1			28	25	22	19	17	-	-	-	-	-	-	-	-	-	-	-	-	-
AJDm110/4H	1.1	1.5			51	47	43	40	37	34	32	30	28	-	-	-	-	-	-	-	-	-
AJDm75/4H	0.75	1	35		21	18	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AJDm110/4H	1.1	1.5			44	40	36	33	30	27	-	-	-	-	-	-	-	-	-	-	-	-
AJDm110/4H	1.1	1.5	40		37	33	30	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Materials Table

No.	Part	Material
1	Pump body	HT200
2	Diffuser	PPO
3	Impeller	Stainless steel
4	Mechanical seal	Carbon/Ceramic
5	O-ring	NBR
6	Support cover	AISI 304/HT200
7	Support	ZL102
8	Bearing	
9	Rotor	
10	Venturi tube	PPO
11	Nozzle	PPO

No.	Part	Material
12	Ejector	HT200
13	Terminal box	ABS
14	Terminal board	PC
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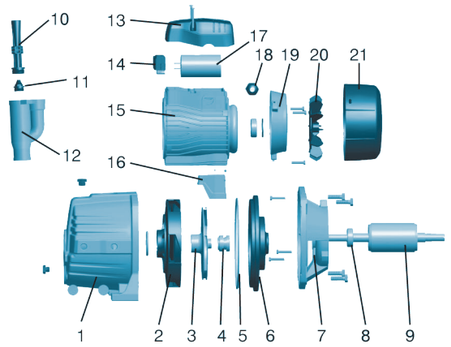
16	Motor foot	PA6
17	Capacitor	
18	Cable holder	
19	Rear cover	ZL102
20	Fan	PP
21	Fan cover	PP



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