



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.

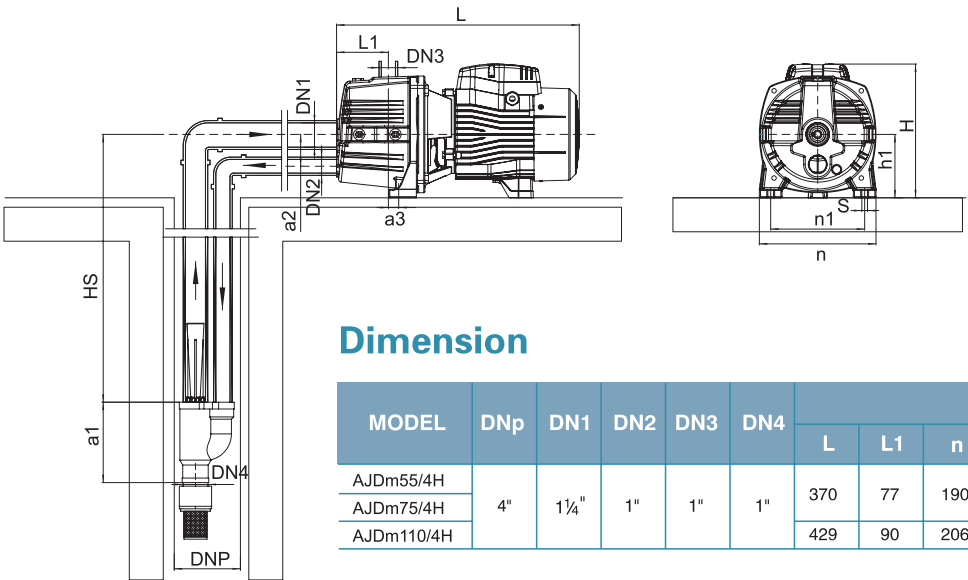
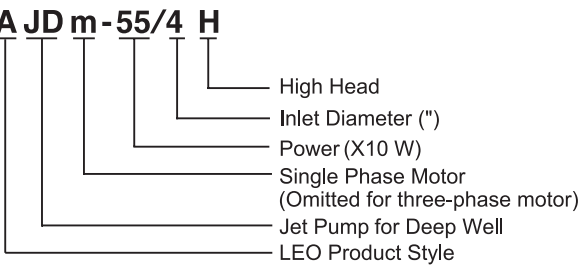
Pump

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

Identification Code



Dimension

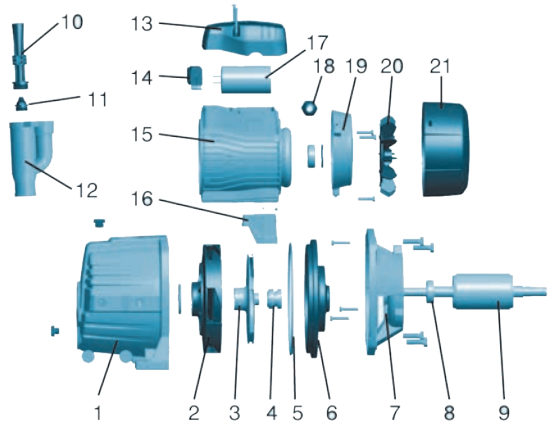
MODEL	DNp	DN1	DN2	DN3	DN4	DIMENSIONS (mm)									
						L	L1	n	n1	H	h1	a1	a2	a3	S
AJDm55/4H	4"	1 1/4"	1"	1"	1"	370	77	190	150	212	100	160	53	17	10
AJDm75/4H						429	90	206	166	236	112			12	
AJDm110/4H															

Technical Data

MODEL	POWER (kW) (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	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		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	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		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	No.	Part	Material
1	Pump body	HT200	12	Ejector	HT200
2	Diffuser	PPO	13	Terminal box	ABS
3	Impeller	Stainless steel	14	Terminal board	PC
4	Mechanical seal	Carbon/Ceramic	15	Stator	
5	O-ring	NBR	16	Motor foot	PA6
6	Support cover	AISI 304/HT200	17	Capacitor	
7	Support	ZL102	18	Cable holder	
8	Bearing		19	Rear cover	ZL102
9	Rotor		20	Fan	PP
10	Venturi tube	PPO	21	Fan cover	PP
11	Nozzle	PPO			



Package Information

MODEL	WG (kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
AJDm55/4H	16.65	500	215	240	1053
AJDm75/4H	17.9	500	215	240	1053
AJDm110/4H	23.25	585	230	265	728





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for industrial use and urban water supply, pressure boosting for high buildings and fire fighting, garden irrigation, long-distance water transfer, heating ventilation and air controlling, circulation and pressure boosting for cold and hot water, and supporting equipment etc.

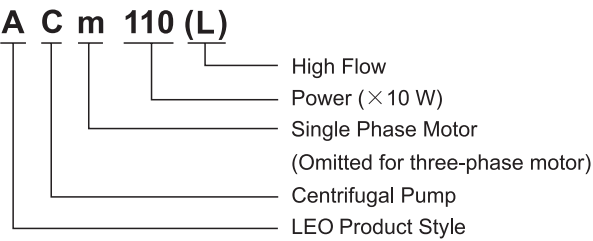
Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Max. liquid temperature: +40 °C
- Max. suction: +8 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 °C
- IE 2 motor (Three phase, power ≥ 0.75kW)

Identification Codes



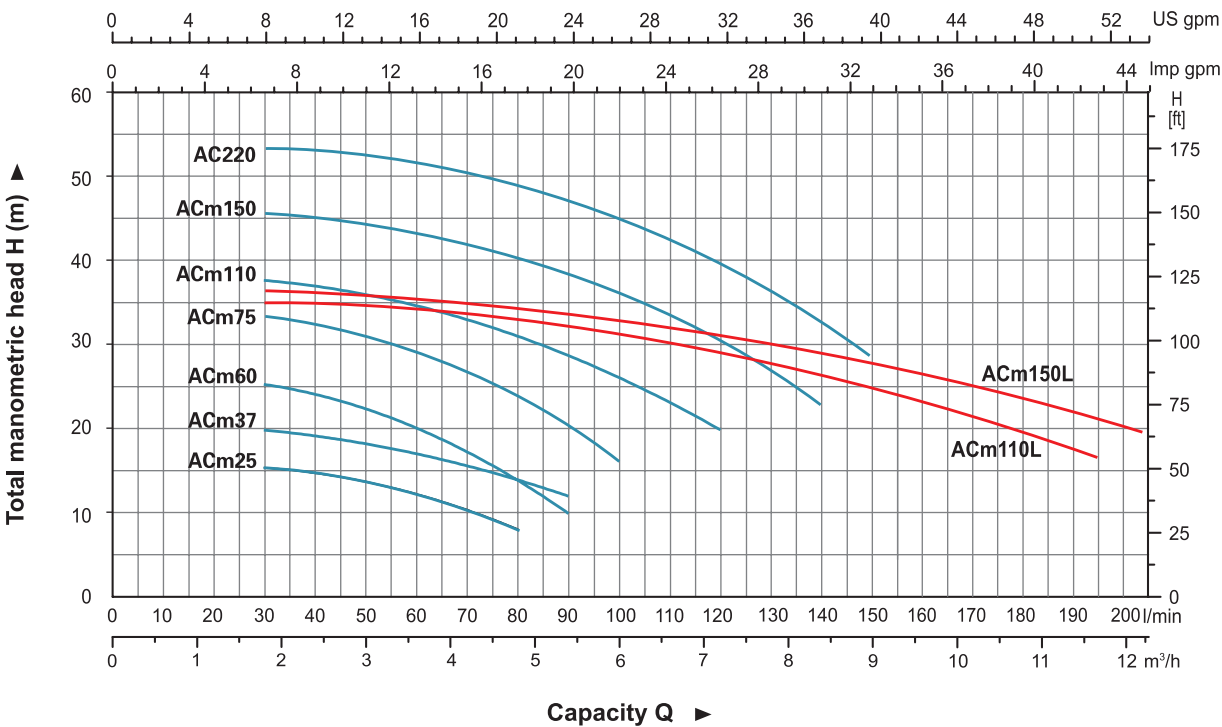
Technical Data

MODEL		POWER		Q (m³/h)	0	0.6	0.9	1.2	1.8	2.4	3.0	3.6	4.2	4.5	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6	10.8	11.7	12.6
Single Phase	Three Phase	kW	HP	Q (l/min)	0	10	15	20	30	40	50	60	70	75	80	90	100	110	120	130	140	150	160	180	195	200
ACm25	—	0.25	0.3	H (m)	17	16.5	16.2	16	15.5	14.5	3.5	12.5	10.5	9.5	8	-	-	-	-	-	-	-	-	-	-	-
ACm37	—	0.37	0.5		23	21.5	21	21	20.5	19.5	18	17	15.5	14.5	14	12	-	-	-	-	-	-	-	-	-	-
ACm60	AC60	0.6	0.8		27	26.5	26.2	26	25	24.5	22.5	20	17	15.5	14	10	-	-	-	-	-	-	-	-	-	-
ACm75	AC75	0.75	1.0		36	35	34	33.5	33	32	31	29	27	26	23.5	20	16	-	-	-	-	-	-	-	-	-
ACm110	AC110	1.1	1.5		40	39	38	38	37.5	37	36	35	33	32	31	29	26	23	20	-	-	-	-	-	-	-
ACm150	AC150	1.5	2		48	47.5	47	46.5	45.5	44.5	43.5	42.5	41.5	41	40.5	39	37	34.5	31	27	22	-	-	-	-	-
---	AC220	2.2	3		55	54.5	53	53.5	53	52.5	51.5	50.5	49.5	48	48.5	47	45.5	43.5	40	36.5	32.5	28	-	-	-	-
ACm110L	AC110L	1.1	1.5		34.5	34.3	34.2	34.1	34	33.8	33.5	33	32.5	32.3	32	31	30.5	29.5	28.5	27.5	26.5	25	23.5	20	16.5	-
ACm150L	AC150L	1.5	2		37.5	37.2	37	36.9	36.6	36.2	35.8	35.4	35	34.8	34.7	34	33.3	32.5	31.5	30.5	29.5	28.2	27	24	21	19

Dimension

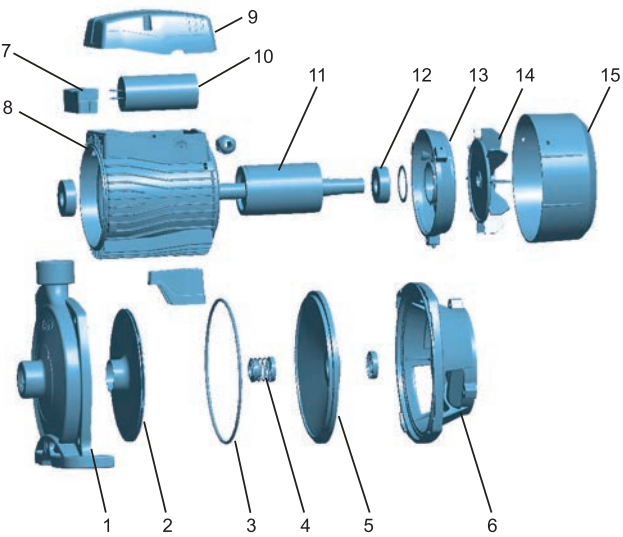
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L _i (mm)	W _i (mm)	H _i (mm)
ACm25	1"	1"	270	157	216	42	122	90
ACm37			270	157	216	42	122	90
ACm60			298	190	240	44	160	90
ACm75			298	190	240	44	160	100
ACm110	1 1/4"	1"	359	206	263	50	178	112
ACm150			360	240	286	51	207	115
AC 220	1 1/2"	1"	360	240	286	51	207	115
ACm110L			356	206	265	48.5	178	112
ACm150L			356	206	265	48.5	178	112

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Pump body	HT200
2	Impeller	AISI 304 Brass
3	O-ring	NBR
4	Mechanical seal	Carbon/Ceramic
5	Support cover	AISI 304/HT200
6	Support	ZL102
7	Terminal board	PC
8	Stator	
9	Terminal box	ABS
10	Capacitor	
11	Rotor	
12	Bearing	
13	Rear cover	ZL102
14	Fan	PP
15	Fan cover	PP



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20' TEU)
ACm25	7.9	290	185	239	2124
ACm37	8.4	290	185	239	2124
ACm60	11.5	333	215	260	1384
ACm75	13.4	333	215	260	1384
ACm110	18.45	383	233	287	987
ACm150	22.8	425	265	310	770
AC220	23.3	425	265	310	770
ACm110L	18.4	383	233	287	987
ACm150L	19.35	383	233	287	987

