Handle on request

Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

Pump

- Special anti-rust treatment for cast iron pump body and support
- Anti-block system for impeller
- Brass impeller
- AISI 304 shaft
- Max. liquid temperature: +40℃
- Max. suction: +9 m
- Self-priming

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℃

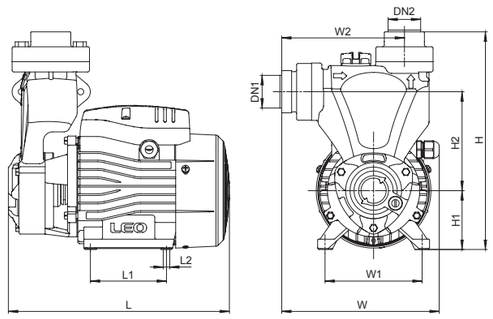
Identification Codes

A P S m 37

- 37 — Power (×10 W)
- m — Single Phase Motor (Omitted for three-phase motor)
- S — Self-priming
- P — Peripheral Pump
- A — LEO Product Style

Technical Data

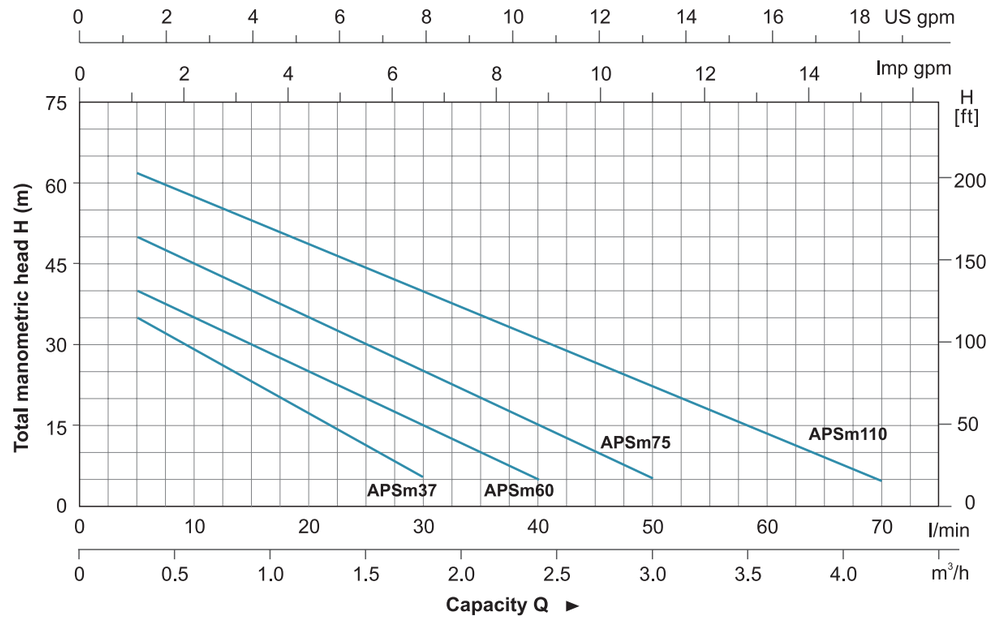
MODEL		POWER		Q (m^3/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3.0	3.3	3.6	4.2
Single Phase	Three Phase	kW	HP	Q (l/min)	0	5	10	15	20	25	30	35	40	50	55	60	70
APSm37	——	0.37	0.5	H (m)	40	35	28	22	18	12	5	-	-	-	-	-	-
APSm60	——	0.6	0.8		45	40	32	28	22	18	12	8	5	-	-	-	-
APSm75	——	0.75	1.0		55	50	42	38	32	28	22	18	12	5	-	-	-
APSm110	APS110	1.1	1.5		65	60	55	50	45	40	35	30	25	20	15	10	5



Dimension

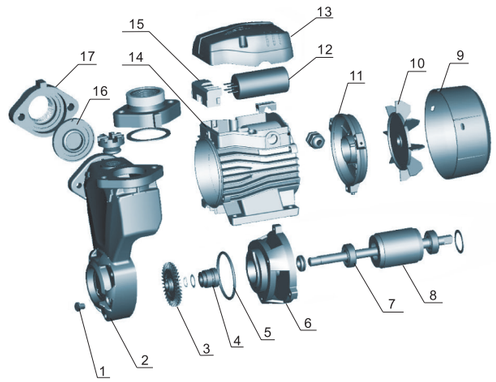
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L_1 (mm)	W_1 (mm)	W_2 (mm)	H_1 (mm)	H_2 (mm)	L_2 (mm)
APSm37	1"	1"	239	170	234	80	100	128	63	106	8.5
APSm60			260	180	251	90	112	132	71	120	8.5
APSm75			270	180	260	90	112	142	71	130	8.5
APSm110	$1^1/_2$"	$1^1/_2$"	310	200	284	100	125	149	86	138	9

Hydraulic Performance Curves



Materials Table

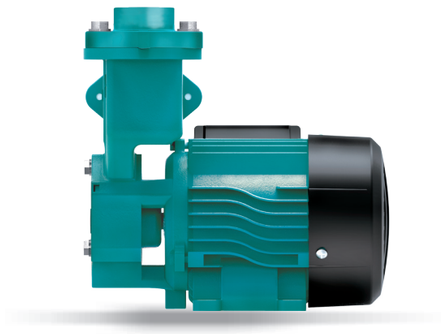
No.	Part	Material
1	Screw	Steel
2	Pump body	HT200
3	Impeller	Brass
4	Mechanical seal	Carbon/Ceramic
5	O-ring	NBR
6	Support	HT200
7	Bearing	
8	Rotor	
9	Fan cover	PP
10	Fan	PP
11	Rear cover	ZL102
12	Capacitor	
13	Terminal box	ABS
14	Stator	
15	Terminal board	PC
16	Non-return valve	NBR
17	Connector	HT200

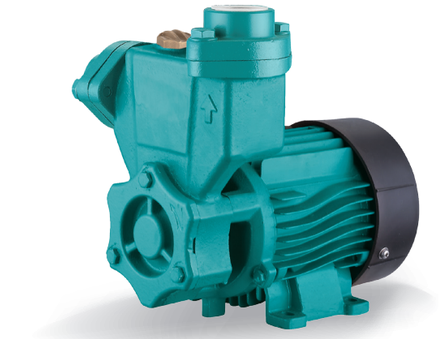


Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
APSm37	7.2	275	200	265	2040
APSm60	10.8	290	205	285	1736
APSm75	12.3	305	214	290	1365
APSm110	17.5	345	232	320	998

LKSm
Self-priming Peripheral Pump





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

Pump

- Special anti-rust treatment
- Brass impeller
- AISI 304 shaft
- Max. liquid temperature: +40℃
- Max. suction: +8 m

Motor

- C&U bearing
- Copper winding
- Built-in thermal protector
- Insulation class: F
- Protection class: IP44
- Max. ambient temperature: +40℃

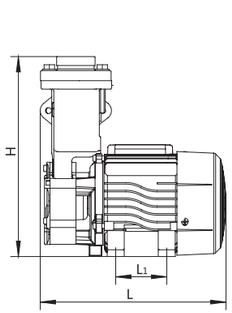
Identification Codes

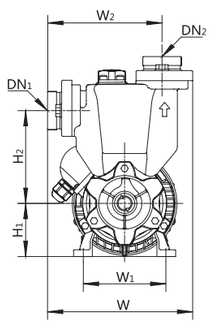
L K S m 126

- 126 — Power (W)
- m — Single Phase Motor
- S — Self-priming
- K — Peripheral Pump
- L — LEO Product Style

Technical Data

MODEL	POWER		Q (m^3/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
	kW	HP	Q (l/min)	0	5	10	15	20	25	30	35	40	45
LKSm126	0.125	0.17	H (m)	30	25	20.5	16	12	8	4	-	-	-
LKSm350	0.35	0.47		35	32	28	24	20	16	12	8	4	-
LKSm550	0.55	0.75		45	40	35	30	25	20.5	16	12	8	4

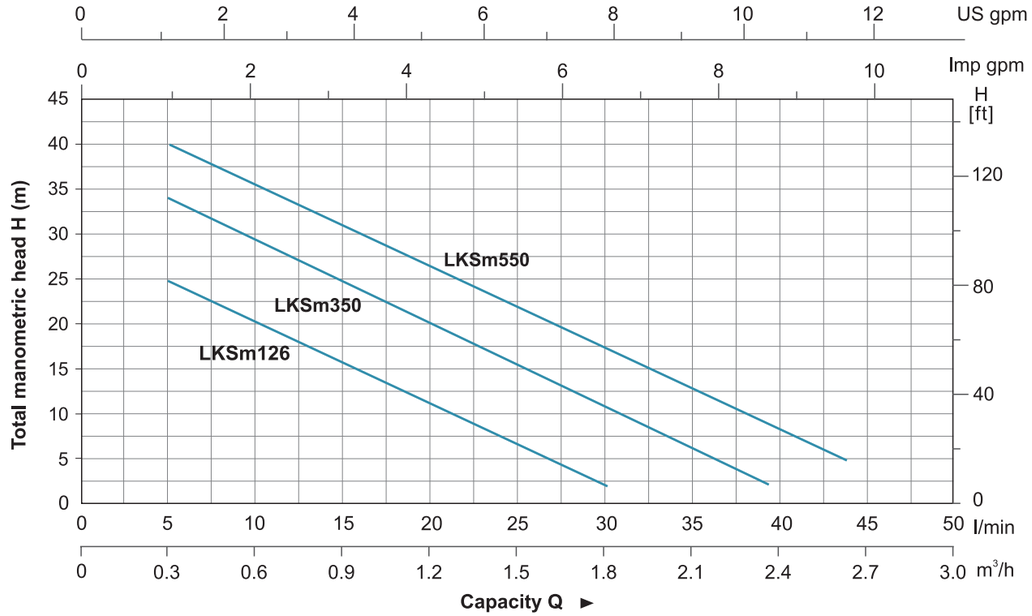




Dimension

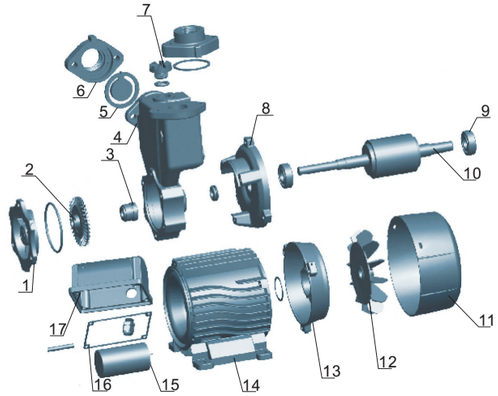
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L_1 (mm)	W_1 (mm)	W_2 (mm)	H_1 (mm)	H_2 (mm)
LKSm126	1"	1"	215	170	220	60	97	140	63	88.5
LKSm350			215	175	245	60	97	142	63	110
LKSm550			260	186	260	90	112	152	75	113.5

Hydraulic Performance Curves



Materials Table

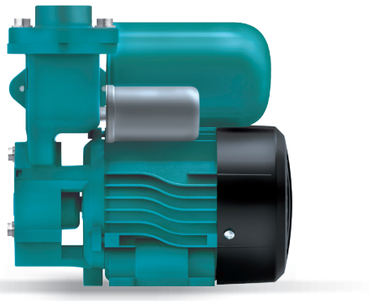
No.	Part	Material
1	Pump bonnet	Brass/Cast iron
2	Impeller	Brass
3	Mechanical seal	Carbon/Ceramic
4	Pump body	HT200
5	Check valve	NBR
6	Outlet connector	HT200
7	Filling plug	Brass
8	Front plate	HT200
9	Bearing	
10	Rotor	
11	Fan cover	PP
12	Fan	PP
13	Rear cover	ZL 102
14	Stator	
15	Capacitor	
16	Sealing ring	NBR
17	Terminal box	ABS

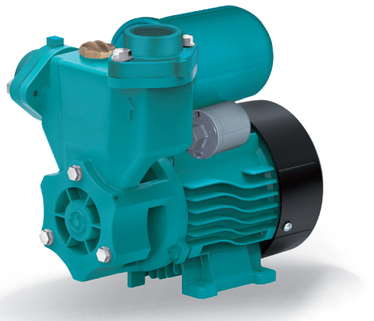


Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
LKSm126	6.6	250	205	250	2205
LKSm350	7.6	250	205	270	1960
LKSm550	10.6	295	210	290	1526

LKSm
Self-priming Peripheral Pump





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

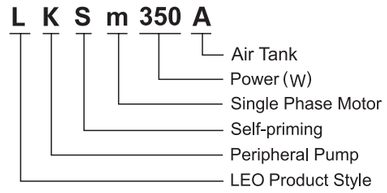
Pump

- With 2 L pressure tank for automatic operation
- Special anti-rust treatment
- Brass impeller
- AISI 304 shaft
- Max. liquid temperature: +40℃
- Max. suction: +9m

Motor

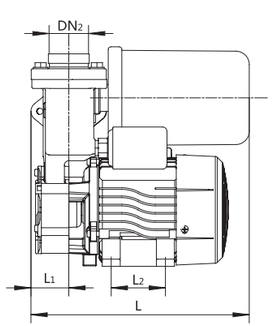
- C&U bearing
- Copper winding
- Built-in thermal protector
- Insulation class: F
- Protection class: IP44
- Max. ambient temperature: +40℃

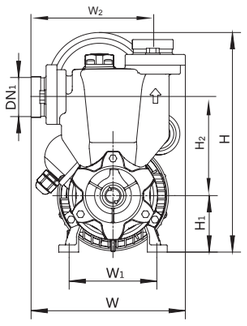
Identification Codes



Technical Data

MODEL	POWER		Q (m^3/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3
	kW	HP	Q (l/min)	0	5	10	15	20	25	30	35	40	45	50
LKSm130	0.125	0.17	H (m)	30	25	20.5	16	12	8	4	-	-	-	-
LKSm350A	0.35	0.47		35	32	28	24	20	16	12	8	4	-	-
LKSm550A	0.55	0.75		45	40	35	30	25	20.5	16	12	8	4	-
LKSm750A	0.75	1		55	50	45	40	35	30	25	20	15	10	5

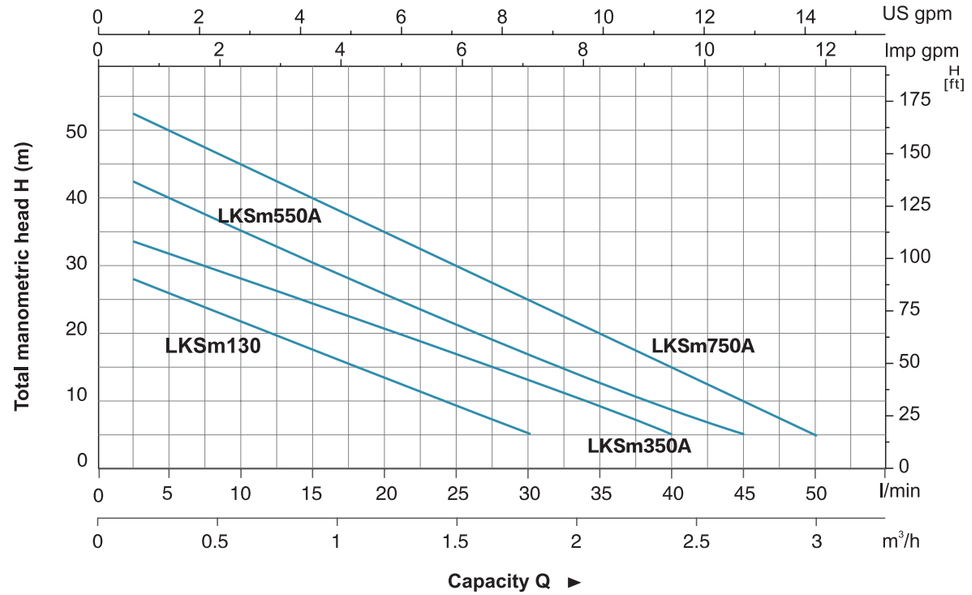




Dimension

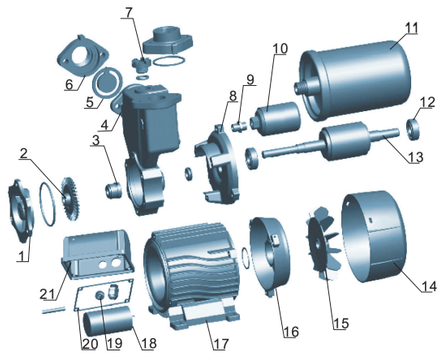
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L_1 (mm)	W_1 (mm)	W_2 (mm)	H_1 (mm)	H_2 (mm)
LKSm130	1"	1"	265	165	245	60	97	140	63	107.5
LKSm350A			265	165	250	60	97	135	63	110
LKSm550A			265	176	260	90	112	146	75	113.5
LKSm750A			265	176	260	90	112	146	75	113.5

Hydraulic Performance Curves



Materials Table

No.	Part	Material	No.	Part	Material
1	Pump bonnet	Brass/Cast iron	18	Capacitor	
2	Impeller	Brass	19	Cable holder	NBR
3	Mechanical seal	Carbon/Ceramic	20	Sealing ring	NBR
4	Pump body	HT200	21	Terminal box	ABS
5	Check valve	NBR			
6	Outlet connector	HT200			
7	Filling plug	Brass			
8	Front plate	HT200			
9	Bend	Iron			
10	Pressure switch				
11	Pressure tank	Iron			
12	Bearing				
13	Rotor				
14	Fan cover	PP			
15	Fan	PP			
16	Rear cover	ZL102			
17	Stator				



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
LKSm130	7.8	285	195	290	1603
LKSm350A	8.6	285	195	290	1603
LKSm550A	11.6	290	215	305	1400
LKSm750A	13.5	290	215	310	1400

Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

Pump

- With 24L pressure tank for automatic operation
- Special anti-rust treatment
- Brass impeller
- AISI 304 shaft
- Max. liquid temperature: +40℃
- Max. suction: +9m

Motor

- C&U bearing
- Copper winding
- Built-in thermal protector
- Insulation class: F
- Protection class: IP44
- Max. ambient temperature: +40℃

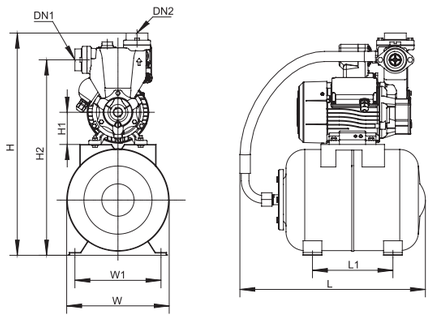
Identification Codes

L K S m 1100 A

- A — Air Tank
- 1100 — Power (W)
- m — Single Phase Motor
- S — Self-priming
- K — Peripheral Pump
- L — LEO Product Style

Technical Data

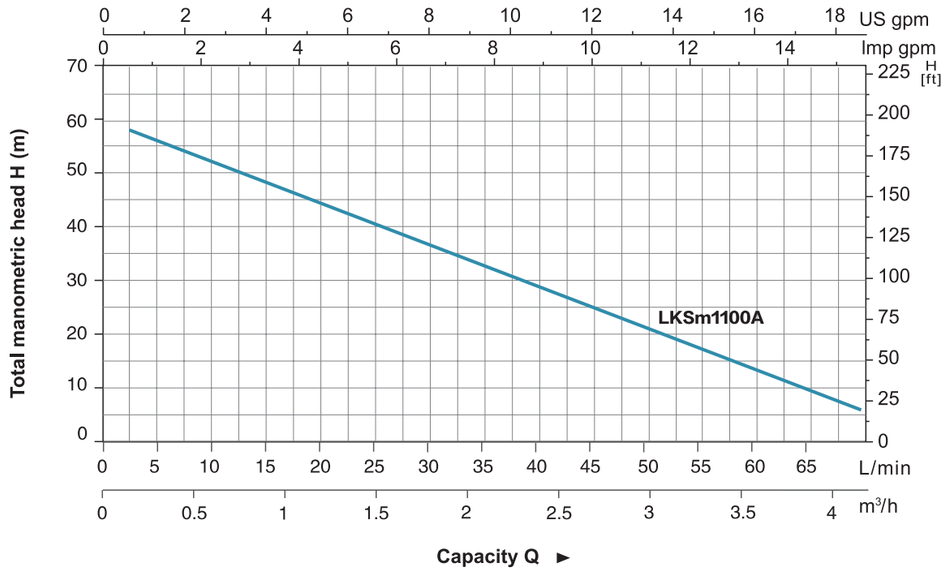
MODEL	POWER		Q (m^3/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3	3.6	3.9	4.2
	kW	HP	Q (l/min)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70
LKSm1100A	1.1	1.5	**H (m)**	60	56	52	48	44	40	36	32	28	24	20	16	12	8	4



Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	W1 (mm)	H1 (mm)	H2 (mm)
LKSm1100A	$1^1/_2$"	$1^1/_2$"	**480**	**270**	**595**	**220**	**235**	**86**	**520**

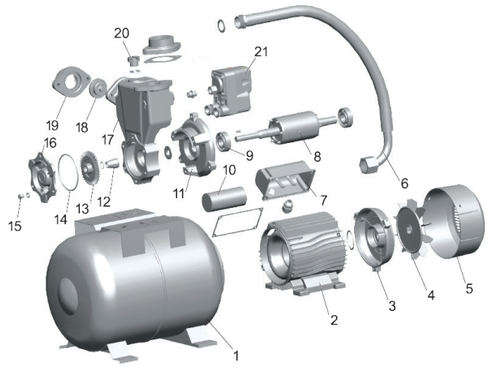
Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Air tank	Iron
2	Stator	
3	Rear cover	ZL102
4	Fan	PP
5	Fan cover	PP
6	Flexible hose	
7	Terminal box	ABS
8	Rotor	
9	Bearing	
10	Capacitor	
11	Front plate	HT 200

No.	Part	Material
12	Mechanical seal	Carbon/Ceramic
13	Impeller	Brass
14	O-ring	NBR
15	Screw	Steel
16	Pump bonnet	Brass
17	Pump body	HT 200
18	Check valve	NBR
19	Outlet connector	HT 200
20	Filling plug	Brass
21	Pressure switch	



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
LKSm1100A	24	515	325	645	234