

APSm

Self-priming Peripheral Pumps

Application

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

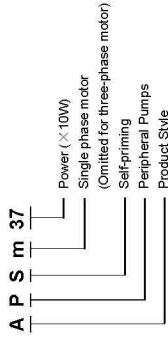
PUMP

- Cast iron pump body, support under special anti-rust treatment. With the copper inserts, it solves the impeller's clogging problem when starting after the pump has been idle for a long time.
- Bronze impeller with evenly arranged radial vanes
- Mechanical seal ceramic-graphite-NBR
- SUS304 fabricated shaft
- Max. liquid temperature: +80°C
- Max. Suct: +9m
- Self-priming

MOTOR

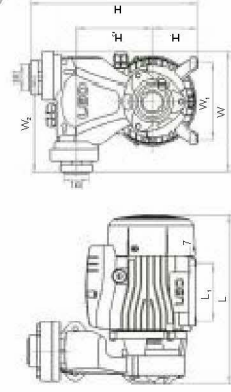
- Motor with copper winding
- Single phase motor with built-in thermal protective device (auto protection & reset)
- Insulation class: F
- Protection class: IP44
- Max. ambient temperature: +40°C

Identification Codes



Technical Data

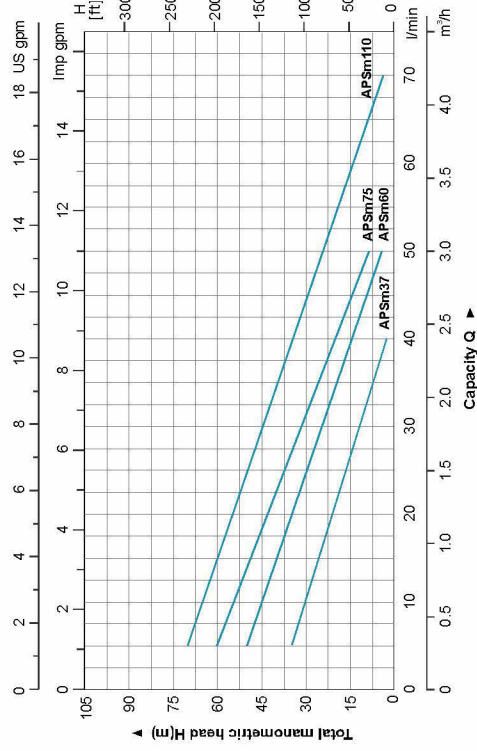
MODEL		POWER	Gm³/h														
Single Phase	Three Phase	kW	HP	Ql/min	0	0.3	0.6	0.9	1.2	1.6	2.1	2.4	3.0	3.6	4.2	4.8	
APSm37		0.37	0.5	40	35	10	15	20	25	30	35	40	50	60	70	80	90
APSm60	APSm60	0.6	0.8	55	50	45	40	35	30	25	20	15	3				
APSm75	APSm75	0.75	1.0	65	60	55	45	40	35	28	22	17	8	3			
APSm110	APSm110	1.1	1.5	75	70	65	60	55	50	40	30	25	10	10	3		



Dimension

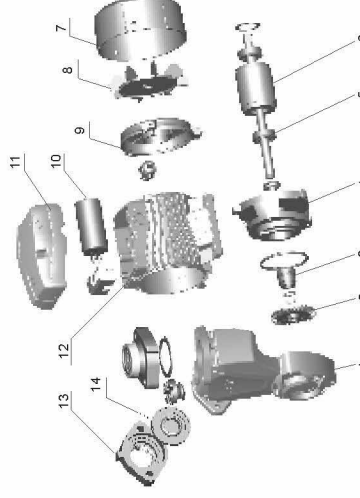
Model	DN1	DN2	L	W	H	L₁	L₂	W₁	V₁	H₁	H₂
APSm37			239	170	235	80	100	134	83	106	
APSm60	1"		260	180	255	90	112	138	71	120	
APSm75	1"		270	185	265	90	112	148	71	130	
APSm110			308	195	285	100	125	155	86	142	

Hydraulic Performance Curve



Materials Table

Pos	Part
1	Pump body
2	Impeller
3	Mechanical seal
4	Support
5	Bearing
6	Rotor
7	Fan cover
8	Fan
9	End plate
10	Capacitor
11	Capacitor box
12	Stator
13	Heat connection
14	Non-return valve



Package Information

Model	GW (kg)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
APSm37	7.2	260	180	265	2040
APSm60	10.8	290	200	280	1736
APSm75	12.3	305	214	290	1365
APSm110	17.5	338	220	320	1163

