

## Peripheral Pumps



### Specification

Power	: 0.37 & 0.75 kW
Speed	: 2900 rpm
Type	: 1 Ph 230V, 50Hz, (PSC) Inbuilt with T.O.P.
Duty	: S1 (Continuous)
Direction of Rotation	: Clockwise viewed from driving end
Protection	: IP 54
Insulation Class	: 'B'
Inlet & Outlet size	: 1" x 1"

### Applications

Residential
Gardens
Washing Systems
Pressure Boosting Unit
Civil Applications

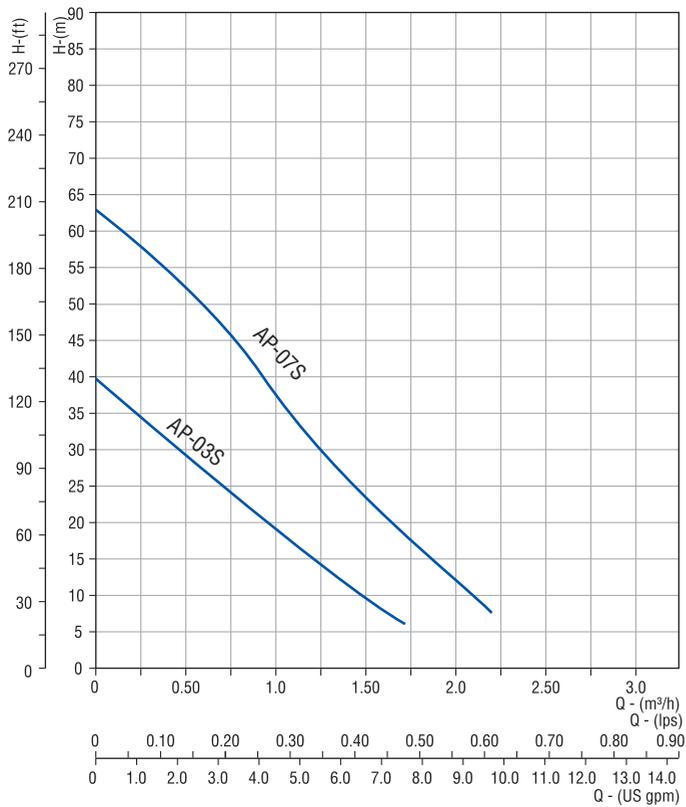
### Operating Conditions

Suction Lift	: 8m
Flow Rate	: 2.2m <sup>3</sup> /h
Maximum Head Max	: 70m
Max. Operating Pressure	: 7 bar.
Max. Liquid Temperature	: 50°C
Ambient Temperature	: 40°C (Max)

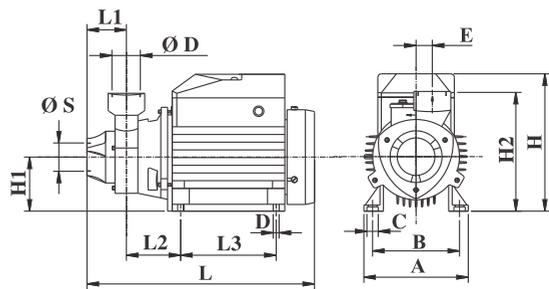
### Materials of Construction

Casing	: Cast Iron with SS insert
Motor Body	: Aluminium Alloy
Impeller	: Forged Brass
Pump Bracket	: Cast Iron
Shaft	: SS 410
Mechanical Seal	: Carbon & Ceramic
O Ring	: NBR

## Performance Curves



## Dimensional Drawing



## Performance Table

PUMP MODEL	POWER		AMPS 1Ph-230V	PUMP SIZE IN INCHES (Suc x Del)	SUCTION LIFT IN m	Discharge in lps / m³/h							
	kW	HP				lps	0	0.1	0.2	0.3	0.4	0.5	0.6
						m³/h	0	0.4	0.7	1.1	1.4	1.8	2.2
AP-03S	0.37	0.5	2.5	1 x 1	8	Total head in meters	40	32	26	18	11	6 (1.6m³/h)	
AP-07S	0.75	1.0	5.2	1 x 1	8		63	55	48.5	34	25	16	7

## Dimension Details

PUMP MODEL	ØS	ØD	L2	L3	L	A	B	D	C	E	H	H2	H1	L1	Weight in kg.
AP-03S	1"	1"	61	80	265	118	100	10	10	20	151	138	63	45	5.3
AP-07S	1"	1"	66	90	305	136	112	10	10	21	181	150	73	50	10

Note: On request pumps can also be supplied with automatic pressure switch. Prefix letter "AF" with above model name for pumps including pressure switch.

\* All Dimensions are in mm.

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**AP SERIES**

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