



Materials of Construction

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

Operating Conditions

Suction Lift	: 8m
Flow Rate	: 2.2m ³ /h
Maximum Head Max	: 55m
Max. Operating Pressure	: 5.5bar
Max. Liquid Temperature	: 50°C
Ambient Temperature	: 55°C (Max)

Peripheral Pumps

Specification

Power	: 0.37 & 0.75 kW
Speed	: 2900 rpm
Type	: 1Ph 230V, 50Hz, (PSC) Inbuilt with T.O.P.
Duty	: S1 (Continuous)
Direction of Rotation	: Clockwise Viewed from Driving end
Protection	: Ip54 / IP55
Insulation Class	: 'B' / f
Inlet & Outlet Size	: 1" X 1"

Applications

Residential
Gardens
Washing Systems
Pressure Boosting Unit
Civil Applications

Performance Table

Pump Model	Power		Pump Size In Inches (suc X Del)	Discharge in lps / m ³ /h								
	kW	HP		lps m ³ /h	0	0.13	0.20	0.26	0.36	0.40	0.55	0.66
AP - 03S	0.37	0.5	1 x 1	Total Head In Meters	34	30	27	22	16	12	7	-
AP - 07S	0.75	1.0	1 x 1		55	48	41	38	26	16	16	10

Dimensional Details

Pump Model	ØS	ØD	L2	L3	L	A	B	C	D	E	H	H1	H2	L1	Gross Weight in.Kg
AP - 03S	1"	1"	60	100	260	110	75	10	17	75	155	60	120	50	5.3
AP - 07S	1"	1"	66	90	305	136	112	10	10	21	181	150	50	73	10

In view of continuous improvements in our design and process, The information, dimensions and specifications given herein are subject to change without notice.

* All Dimensions are in mm.

Dimensional Drawing

