

MINI BOOSTER PUMPS

Booma

S E R I E S

Pressure Boosting System



Specification

Power	0.5 HP
Speed	2900 rpm
Version	1Ph 230V , 50Hz
Duty	S1 (Continuous)
Protection	IP 44
Insulation Class	B
Head Range	5 to 41m
Flow Range	5 to 40lpm
Pressure Tank Capacity	2 ltr

Operating Conditions

Suction Lift	Upto 8 mtrs
Max. Liquid Temp.	40°C
Max. Ambient Temp.	40°C

Materials of Construction

	Booma	Booma+
Pump Casing & bracket	Cast Iron	Cast Iron
Motor Body	Aluminium	Cast Iron
Impeller	Forged Brass	Forged Brass
Shaft	SS410	SS410
Mechanical Seal	Carbon Ceramic	Carbon Ceramic
Bearing	Double Shielded Ball Bearing	Double Shielded Ball Bearing

Applications

Residential
Hotels
Showers in Bathrooms

Performance Table

Model	HP	kW	Phase	Pump Size (mm)	Head in meters	Discharge in lpm								
						5	10	15	20	25	30	35	40	
Booma-50	0.50	0.37	1Ph	25 x 25	Head in meters	35	30	20	11	7				
Booma+ 40	0.55	0.4	1Ph	25 x 25		31	26	21	16	11	5			
Booma+ 60	0.8	0.6	1Ph	25 x 25		41	34	29	23	16.5	12	6.5		
Booma+ 80	1.1	0.8	1Ph	25 x 25			38	33	28	23	19	13	9.5	

Function

Automatically starts and stops the pump on opening and closing the taps to maintain constant pressure always.