Lubi®©

Passion for Pumps™

Booster Box





BS SERIES

for outdoor service

Pressure Booster Systems

50 Hz

INTRODUCTION

The booster box package consists of Lubi SMCI or SMCN booster pump. The Booster package is completely Pre-plumbed and prewired at factory for easy, quick and clean installation at site. Booster Box is available with either stainless steel 304 pumps (SMCI Series) or Stainless Steel 316 pumps (SMCN Series). Booster Box comes with inbuilt controls for plug and play operation.



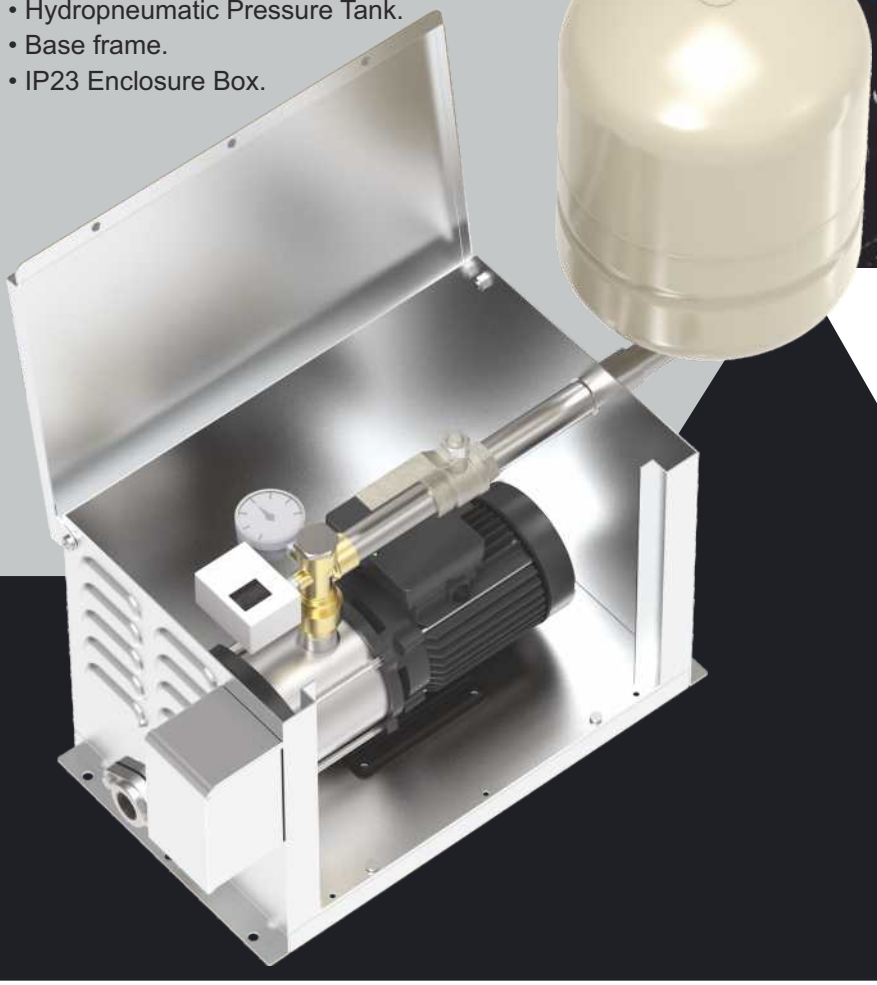
APPLICATIONS

- Bungalow, Cottage,Villas.
- Farm houses.
- Garden sprinkler.
- Schools.
- Small office buildings.



SYSTEM INCLUDES

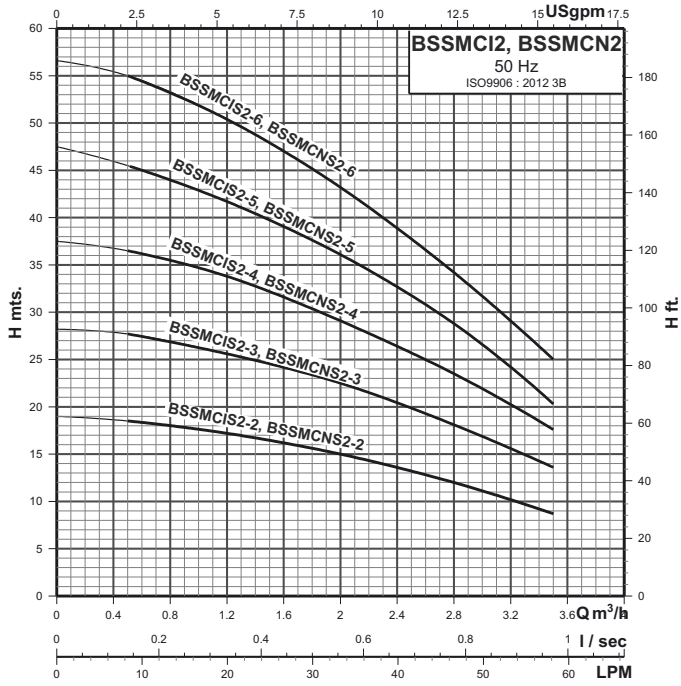
- Suction and discharge manifolds.
- Isolating valves.
- Non - return valves.
- Pressure gauge.
- Pressure switch Controls.
- Hydropneumatic Pressure Tank.
- Base frame.
- IP23 Enclosure Box.

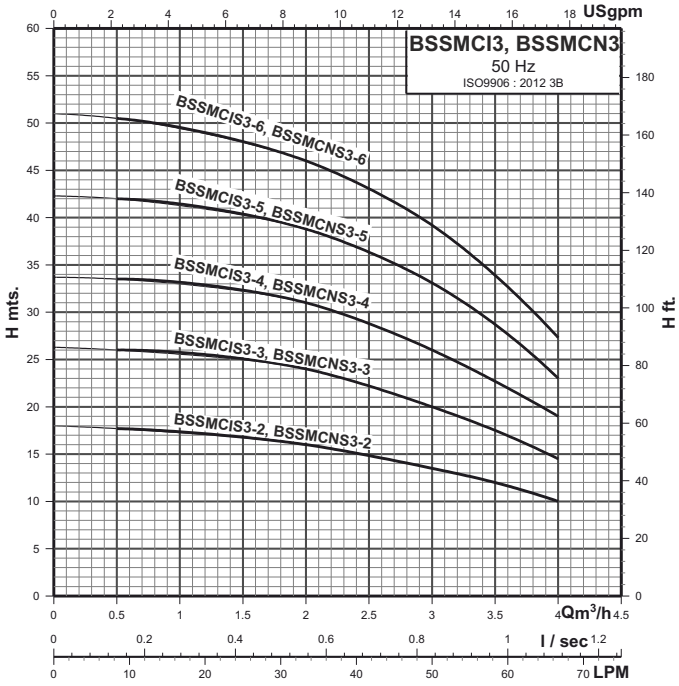


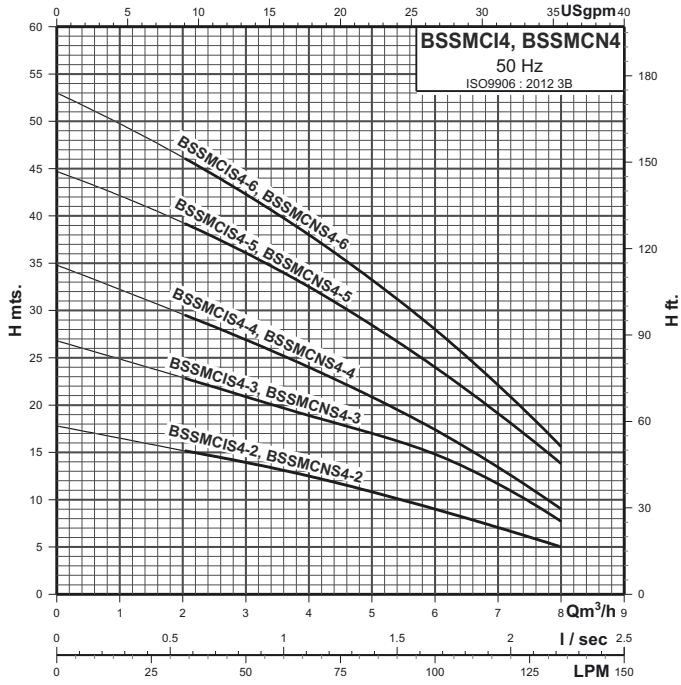
SPECIAL FEATURES

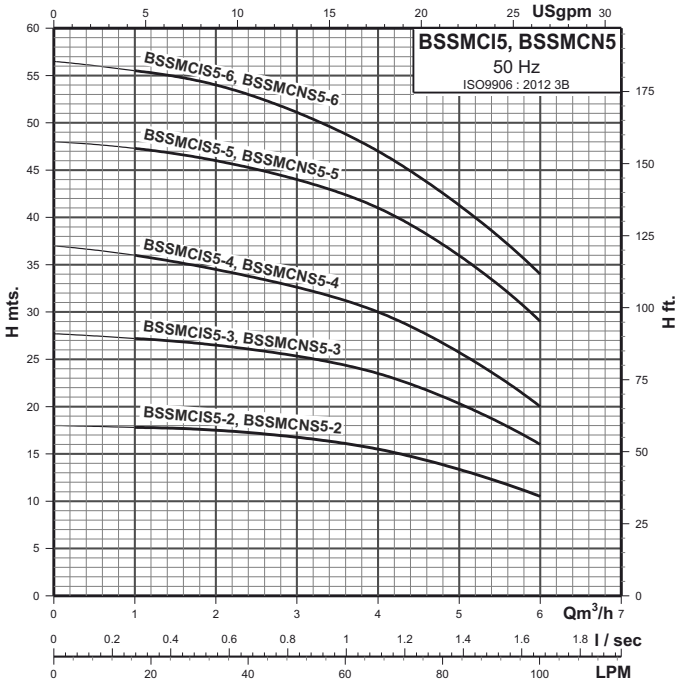
- Horizontal, Multistage Centrifugal Pump.
- Enclosure Class: IP 23. No Need to provide pump room or shed at site.
- Insulation Class: F
- Quiet Operation
- The header pipes are hot dip galvanized for superior corrosion prevention.
- All wetted surfaces on pump are stainless steel.
- The entire system is compact and mounted on a common structural grade corrosion resistant Aluminum Alloy base plate & enclosure.
- The System is factory assembled and tested and is supplied with Hydro-Pneumatic pressure tank.
- The Pumps are protected against dry running by installing a float switch in supply water tank. Float switch is provided with the Booster Box with 5m Cable. Additional cable can be attached as per site requirment.
- Automatic Start / Stop up to 25 times per hour will not result in pump burnout.

PERFORMANCE CURVES







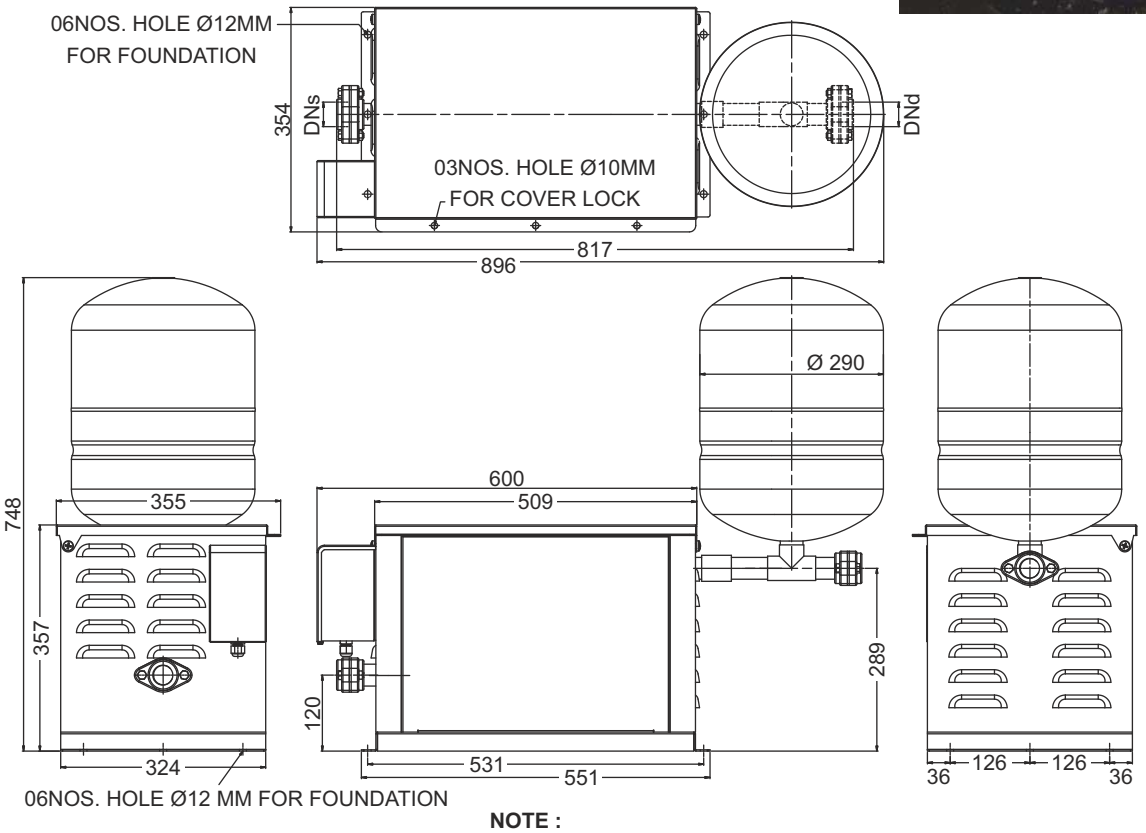


MATERIAL OF CONSTRUCTION



	BSSMCI	BSSMCN
Booster Box	Structural grade Aluminium	Structural grade Aluminium
Pump casing	Stainless steel AISI 304	Stainless steel AISI 316
Adaptor	Cast iron ASTM 30B	Cast iron ASTM 30B
Casing cover	Stainless steel AISI 304	Stainless steel AISI 316
Cover	Cast iron ASTM 30B	Cast iron ASTM 30B
Impeller	Stainless steel AISI 304	Stainless steel AISI 316
Bowl	Stainless steel AISI 304	Stainless steel AISI 316
Mechanical Seal	Carbon / Ceramic / NBR	

DIMENSIONS



NOTE :

BSSMCIS / BSSMCNS : 2 & 3 0.5 HP to 1.5 HP DNs X DNd 1" X 1"

BSSMCIS / BSSMCNS : 4 & 5 0.5 HP to 1.5 HP DNs X DNd 1-1/4" X 1"

Ordering Key

BS	SMC	I	S	2	2
Type	**Pump Model**	**Material of Construction**	**Phase**	**Flow Rate m³/h**	**Stage**
SINGLE BOOSTER BOX	SMC	I - SS304 N - SS316	S - Single Phase	2 3 4 5	2 = 2 stage 3 = 3 stage 4 = 4 stage 5 = 5 stage 6 = 6 stage

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Product Improvement is a continuous process at 'LUBI'. The data given in this publication is therefore subject to revision.

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