

# WEBSTER

## Self Priming Pump

### Construction

Self-Priming centrifugal pumps, with open or semi open impeller, wear plate and mechanical seal. With a robust design, they are suitable to be driven by electric motors or gasoline or diesel engines.

The materials used in standard models are the following :-

Pump Casing	Cast iron/Stainless Steel
Impeller and wear plate	Cast iron/Stainless Steel
Pump shaft	Steel
Shaft sleeve	Stainless Steel
Swinging gasket	Rubber

They can also be supplied in special materials depending on the liquid to be pumped :-

### Applications

Designed for the pumping of dirty or sandy water, as well as water which has particles in suspension they are specially useful in.

- Draining and drying foundations and buildings sites.
- Transfer of water from rivers and canals.
- Draining of mine and quarry faces
- Draining ship bilges
- General of localized flooding
- Extinguisher fires in rural areas
- Emergency water supplying.

### Executions

The B series of WEBSTER pumps comes in five versions :-

- Bare-shaft pump
- Monobloc electric pump
- Monobloc gasoline engine pump
- Pump with electric motor on base plate, with semi-elastic coupling
- Diesel engine pump on base plate, with semi-elastic coupling.

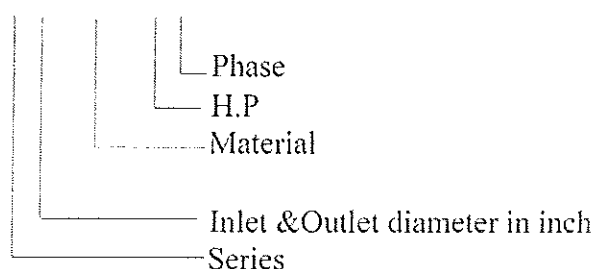
The range of pumps can be completed by choosing the appropriate accessories for each type of installation.

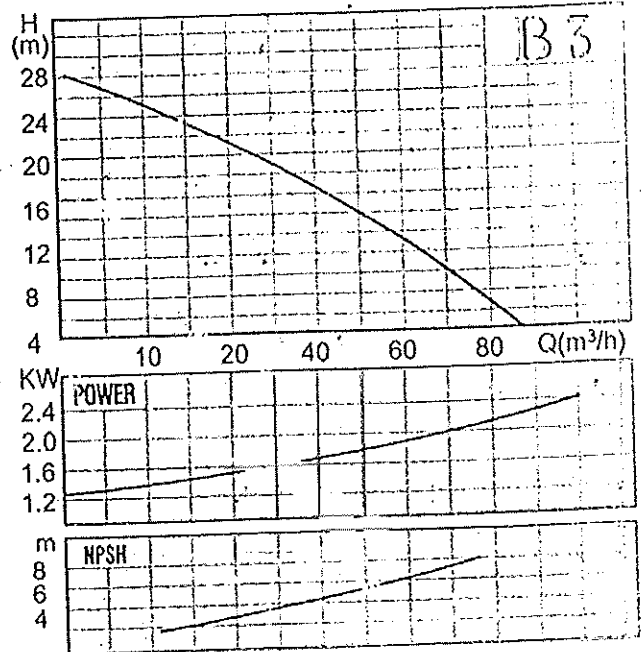
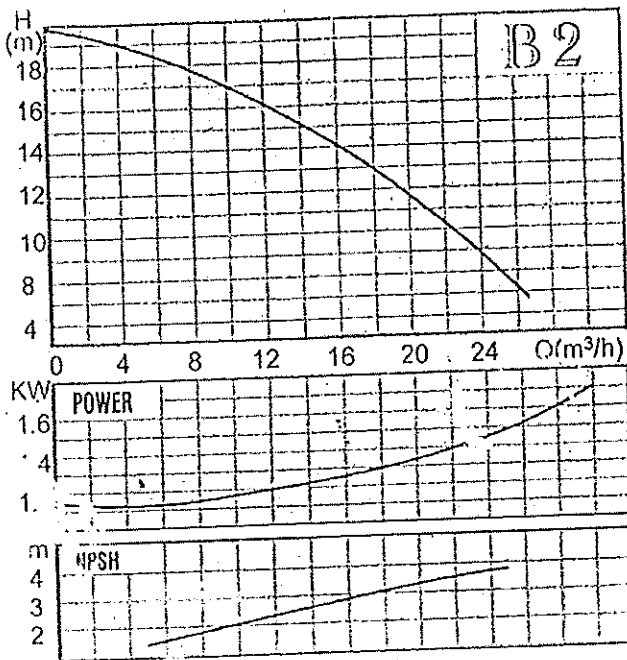
### Operation

As the pumps in the B series are self-priming, they work without foot valves, and it is not necessary for the suction pipe to be primed. As long as some water remains in the pump housing, the pump will work automatically, generating a total head of 22m depending on pumping flow. Filling time for suction pipe depends on the size of the pump and the length diameter of said pipe of hose.

### Denomination

B2 - CI - 3M



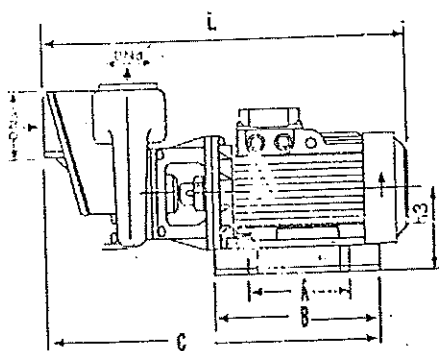


**DIMENSIONS OF MONOBLOC UNITS**

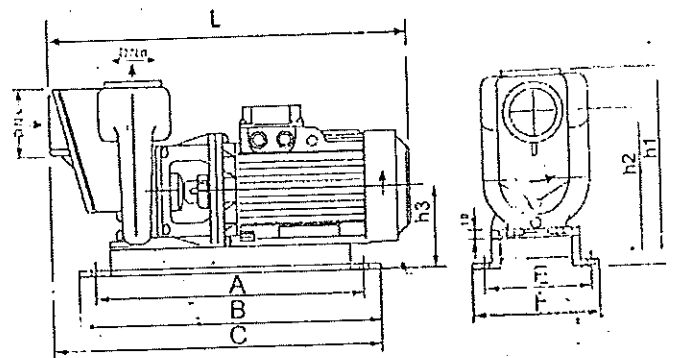
- \*B2-CI-3M
- \*B2-CI-3T
- \*B3-CI-7.5T

Version monobloc with electric motor at 2 900 rpm(50 Hz)

Model	Max. Capacity (gal/min)	Max. Head (m)	Motor Power (HP)	Phase	Speed (rpm)
B2-CI-3M	90	20	3	1	2900
B2-CI-3T	90	20	3	3	2900
B3-CI-7.5T	350	28	7.5	3	2900
B2-SS-3M	90	20	3	1	2900
B2-SS-3T	90	20	3	3	2900
B3-SS-7.5T	350	28	7.5	3	2900
B2-H-CI	90	20	3		2900
B2H-SS	90	20	3		2900
B3H-CI	350	28	7.5		2900
B3H-SS	350	28	7.5		2900



**B2-CI-3M / B2-CI-3T**



**B3-CI-7.5T**

Model	HP	DNs	DNd	A	B	C	E	F	L	h1	h2	h3
B2-CI-3M	3	2"	2"	129	156	570	173	219	610	329	228	102
B2-CI-3T	3	2"	2"	187	216	523	140	175	588	326	230	104
B3-CI-7.5T	7.5	3"	3"	545	585	720	228	280	815	496	317	177