# **WEBSTER**

# **Self Priming Pump**

#### Construction

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

The materials used in standard models are thefollowing:-

Pump Casing	asing Cast iron/Stainless Ste				
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.

- Draning 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

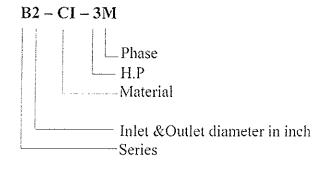
- ☐ Bare-shaft pump
- ☐ Monobloc electric pump
- ☐ Monobloc gasoline engine pump
- □ Pump with electric motor on base plate, with semi-elastic coupling
- □ Diesel engine pump on base plate, with semielastic coupling.

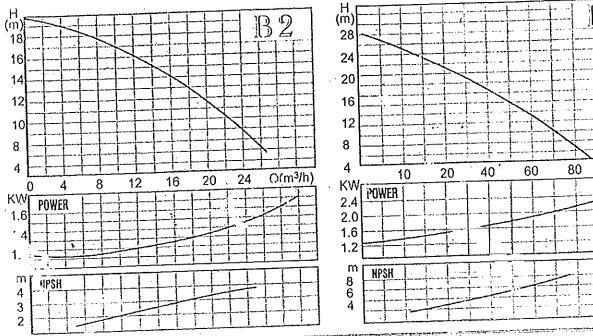
The range of pumps can be completed by choosing the appropriate accessories for each type of installation.

## Operation

As the pumps in the B series are selfpriming, they work without foot vslves, 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





DIMENSIONS OF MONOBLOC UNITS

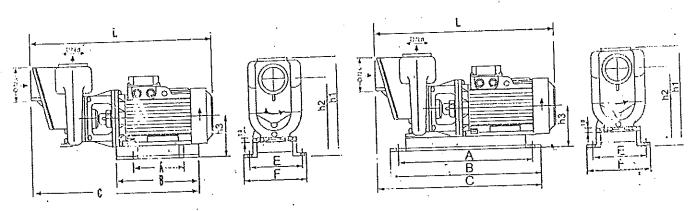
\*B2-CI-3M

\*B2-CI-3T

\*B3-CI-7.5T

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

	Max.	r,∗ax.	Moto:		Speed	
Model	Capacity (gal/min)	Head (m)	Power (HP)	Phase	(rpm)	
B2-CI-3M	90	20	3	1	29(X)	
B2-CI-3T	90	20	3	3	, 29(X)	
B3-CI-7.5T	350	28	7.5	3	29(X)	
B2-SS-3M	90	20	3	1	29(X)	
B2-SS-31'	90	20	3	3	29(0)	
B3-SS-7.5T	350	28	7.5	3	29(X)	
	90	20	3		2900	
B2-H-CI	90	$\frac{1}{20}$	3		2900	
B2H-SS		28	7.5	<del></del> -	29(X)	
B3H-CI	350	28	7.5	-	2900	
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B2-CI-3M/E CI-3T

B3-CI-7.5T

 $Q(m^3/h)$ 

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