

# BRONZE OR ALUMINUM SELF-PRIMING CENTRIFUGAL PUMP

MODEL  
300  
300B

 **OBERDORFER PUMPS**  
A Subsidiary of Thomas Industries Inc.

PIPE SIZE 1"



## CLOSE COUPLED TO ELECTRIC MOTOR

3450 RPM, 8' cord and feed thru switch optional, 1/3 H.P., 115 volt, 60 Hz, A.C. NEMA C flange jet pump motor with threaded shaft of stainless steel or monel. Explosion proof motors available on special order.

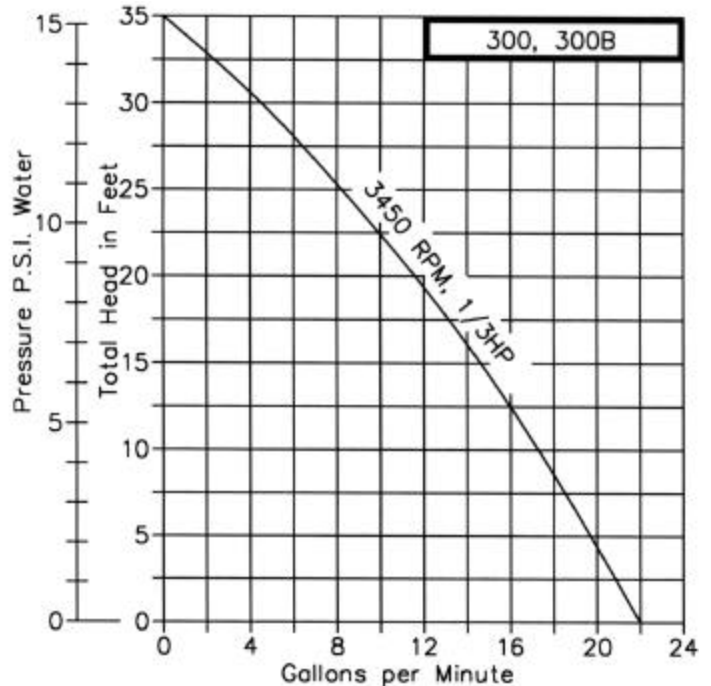
Pump No.	Material
300	Aluminum with stainless steel shaft, Single Phase
300B	Bronze with stainless steel shaft, Single Phase
300B-01	Bronze with Monel shaft, Single Phase
300P	Aluminum with stainless steel shaft, Three Phase

## FEATURES

- n Self-Priming to 20 Feet Suction Lift
- n Available in Bronze or Corrosion Resistant Aluminum
- n Bronze Models with Monel Shaft Sleeve - Ideal for marine service (air conditioning, bilge, and sea water recirculating).
- n Can handle most difficult solvents with proper seal arrangement, Viton(R)\* (S10) or Teflon(R)\* (S11) available.

Up to 22 gallons per minute water flow and suction lift of 15 feet without a foot or check valve (25 foot suction lift using a foot or check valve and a filled inlet line). A 1/2" pipe plug on the tank top is for initial filling of priming chamber and inlet line--pump priming is automatic thereafter. Pump seal is mechanical carbon face type mated to ceramic wear face for maximum durability. Other seal components are made of Buna N with low swell characteristics for compatibility with a wide range of liquids including many chemicals and solvents. These pump models are widely used for the pumping of Perchloroethylene. **Must be operated in the horizontal position. (As shown in picture)**

CAPACITY - Water 60°F - Gallons Per Minute



Capacity - Water 60°F - Gallons Per Minute  
Maximum lift without foot valve is 10 feet.

Discharge Pressure Feet	Equiv. P.S.I.	3450 RPM Suction Lift				
		0 Ft.	5 Ft.	10 Ft.	15 Ft.	20 Ft.
0	0	22	20	17	14	10
5	2.2	20	17	14	10	5
10	4.3	17	14	10	5	---
15	6.5	14	10	5	---	---
20	8.7	10	5	---	---	---
25	10.8	5	---	---	---	---
30	13.0	3	---	---	---	---
35	15.2	1	---	---	---	---

## SEAL OPTIONS

(Note: Seal and shaft modifications below are not physically interchangeable. Consult factory for modification data.)

**Viton (R)\* A Solvent Mechanical Seal:** Mechanical seal for oils, fuels, lubricants, most mineral acids, and many solvents that attack other rubbers such as Carbon Tetrachloride, toluene, benzene, and xylene.

**Teflon(R)\* Mechanical Seal:** For virtually all industrial chemicals, corrosives and solvents - as limited by compatibility of basic pump metal of construction.

\* Viton(R) is a trademark of DuPont Dow Elastomers. Viton(R) or equivalent FKM will be used.  
Teflon(R) is a trademark of DuPont. Teflon or equivalent PTFE will be used.

