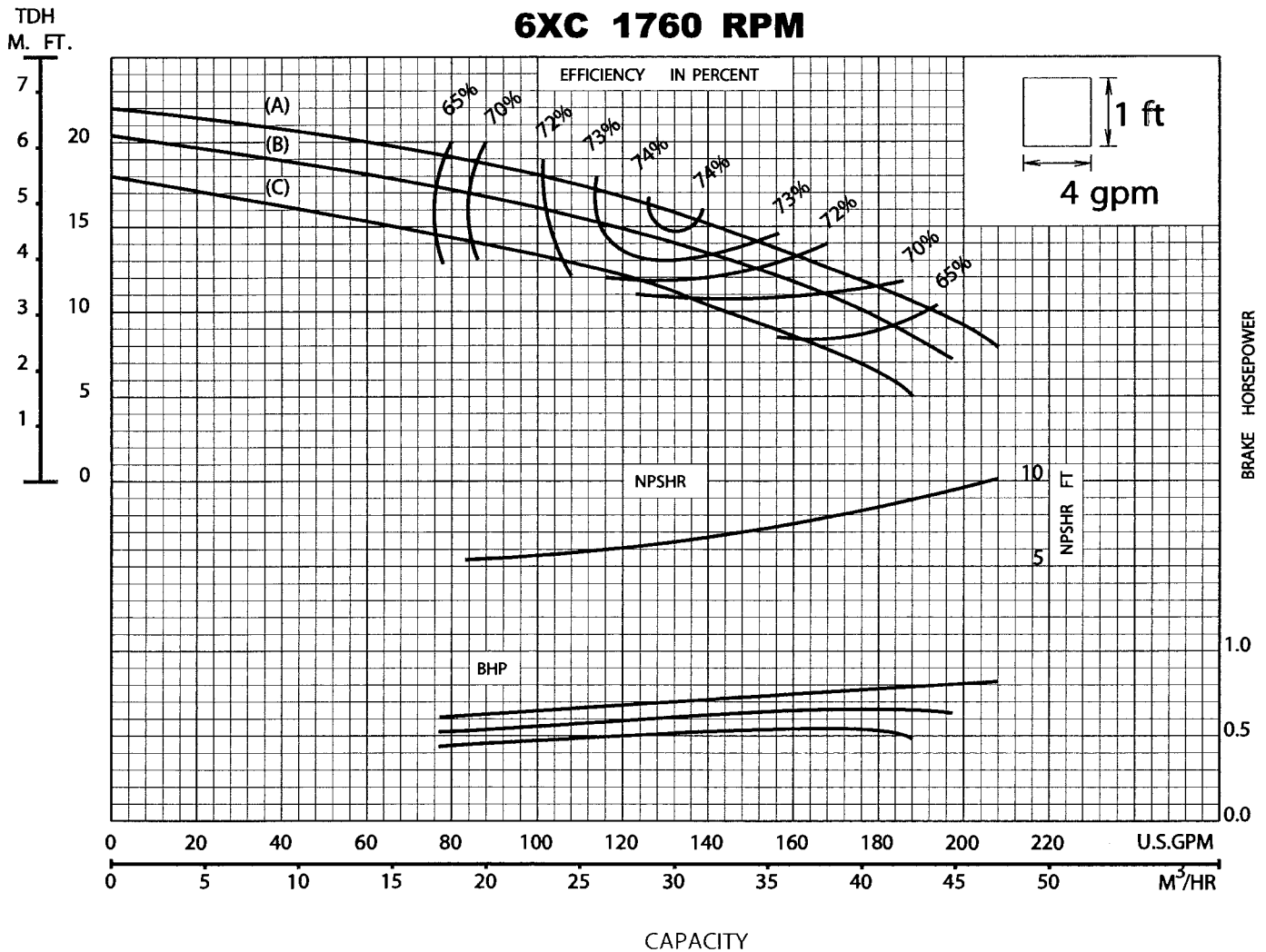




# TURBINE PUMP CURVE

APRIL 2001



## IMPELLER DATA

|                 |              |                                                                |
|-----------------|--------------|----------------------------------------------------------------|
| Impeller Number | 6909         | TRIM: (A) 4.625" X 30                                          |
| Material        | BRONZE       | (B) 4.438" X 30                                                |
| Type            | CLOSED       | (C) 4.250" X 30                                                |
| Thrust Factor   | K=2.83       |                                                                |
| Eye Area        | 4.01 sq. in. |                                                                |
| Weight          | 2.15 lb.     | Minimum submergence<br>above eye of bottom<br>impeller: 20 in. |

## EFFICIENCY CORRECTION

|                                                           |    |    |    |   |
|-----------------------------------------------------------|----|----|----|---|
| Number of Bowls                                           | 1  | 2  | 3  | 4 |
| Change as follows                                         | -4 | -2 | -1 | 0 |
| Change in efficiency may affect both head and horsepower. |    |    |    |   |

Performance based on pumping clear, fresh water at a temperature not over 85° F., and free of gas, air or abrasives, and with bowls properly adjusted and submerged.

## FLANGED BOWL DATA

|                      |                 |
|----------------------|-----------------|
| Bowl Number          | 6919 C.I./ENAM. |
| Bowl Dia.            | 5.563"          |
| Max. No. Stages      | 50              |
| One Stage Weight     | 75 lb           |
| Add'l Stage Weight   | 15 lb           |
| Std. Shaft Dia.      | 1.000 in        |
| Std. Lateral         | 0.625 in        |
| Discharge Size       | 4 in            |
| Suction Size         | 4 in            |
| Max. Sphere Size     | 0.188 in        |
| Max Operation P.S.I. | 360 (special)   |