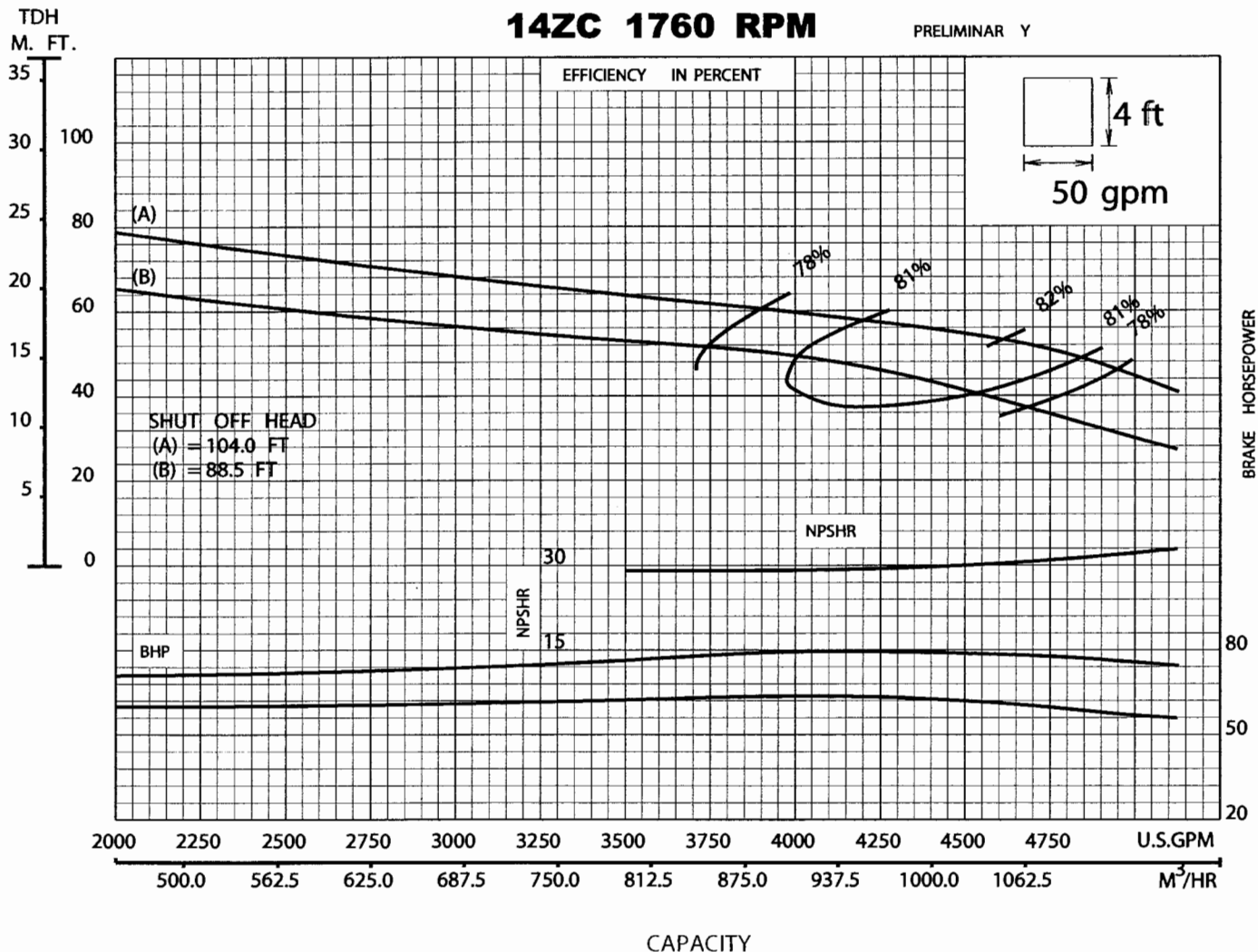




# TURBINE PUMP CURVE

MARCH 2000



## IMPELLER DATA

|                 |              |                         |
|-----------------|--------------|-------------------------|
| Impeller Number | 3896         | TRIM: (A) 11.250" X 35° |
| Material        | BRONZE       | (B) 10.750" X 35°       |
| Type            | CLOSED       |                         |
| Thrust Factor   | K=24.70      |                         |
| Eye Area        | 58.5 sq. in. |                         |
| Weight          | 28.0 lb.     |                         |

Minimum submergence  
above eye of bottom  
impeller 34 in.

## EFFICIENCY CORRECTION

|                   |    |    |    |   |
|-------------------|----|----|----|---|
| Number of Bowls   | 1  | 2  | 3  | 4 |
| Change as follows | -3 | -2 | -1 | 0 |

Change in efficiency may affect both head and horsepower.

## BOWL DATA

|                      |                       |
|----------------------|-----------------------|
| Bowl Number          | 3869 C.I./ENAM.       |
| Bowl Dia.            | 13.750"max 13.500"min |
| Max. No. Stages      | 6                     |
| One Stage Weight     | 335 lb                |
| Add'l Stage Weight   | 188 lb                |
| Std. Shaft Dia.      | 1.938 in              |
| Std. Lateral         | 0.625 in              |
| Discharge Size       | 10-12 in              |
| Suction Size         | 10-12 in              |
| Max. Sphere Size     | 1.250 in              |
| Max Operation P.S.I. | 540 (special)         |

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.