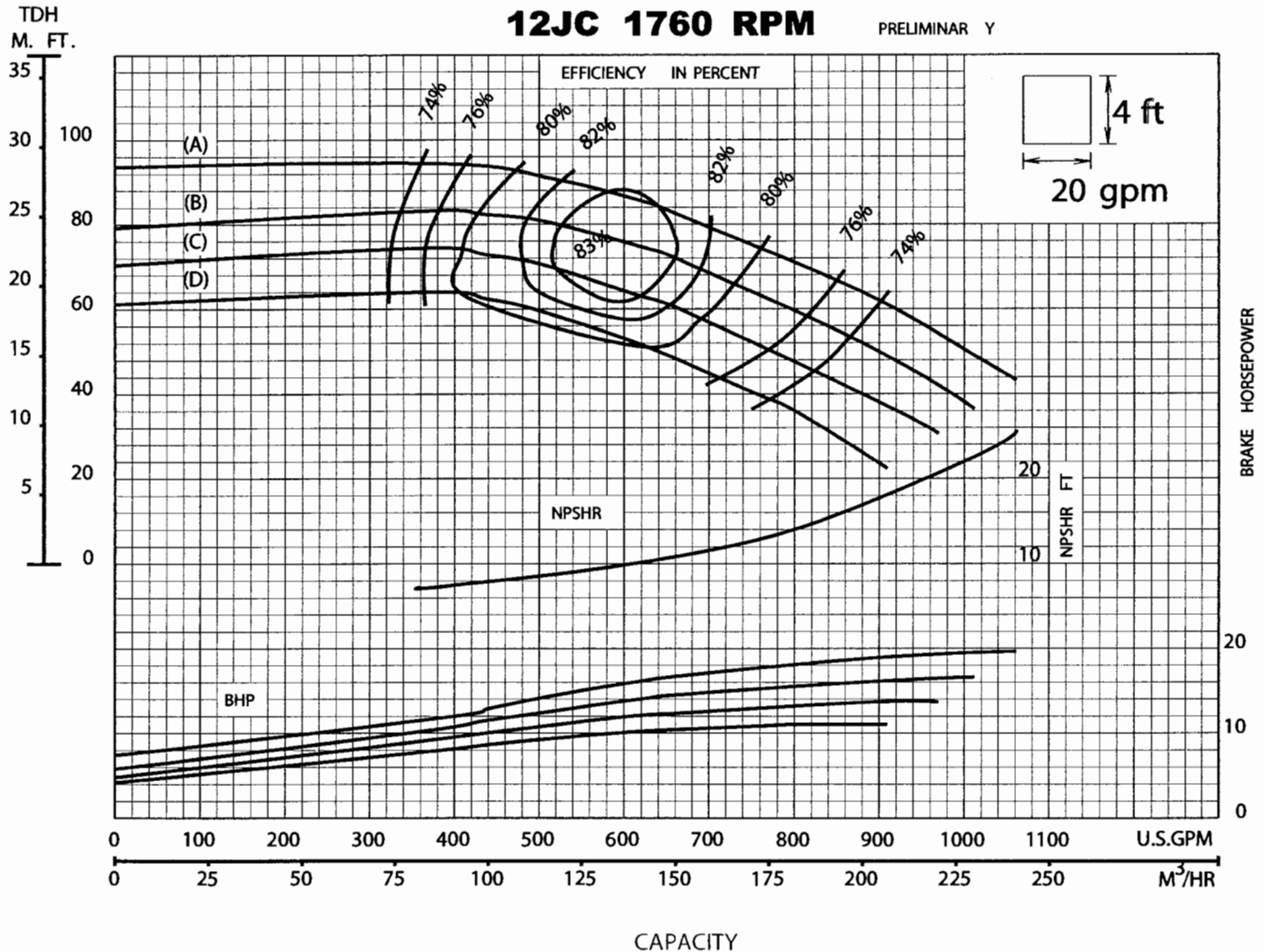




# TURBINE PUMP CURVE

APRIL 2001



## IMPELLER DATA

|                 |               |                                                                |                  |
|-----------------|---------------|----------------------------------------------------------------|------------------|
| Impeller Number | 2990          | TRIM:                                                          | (A) 9.500" x 25° |
| Material        | BRONZE        |                                                                | (B) 9.000" x 25° |
| Type            | CLOSED        |                                                                | (C) 8.500" x 25° |
| Thrust Factor   | K=6.60        |                                                                | (D) 8.000" x 25° |
| Eye Area        | 15.90 sq. in. | Minimum submergence<br>above eye of bottom<br>impeller: 18 in. |                  |
| Weight          | 14.50 lb.     |                                                                |                  |

## 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          | 2993 C.I./ENAM.         |
| Bowl Dia.            | 11.625" max 11.500" min |
| Max. No. Stages      | 19                      |
| One Stage Weight     | 340 lb                  |
| Add'l Stage Weight   | 100 lb                  |
| Std. Shaft Dia.      | 1.688 in                |
| Std. Lateral         | 0.625 in                |
| Discharge Size       | 6 - 8 in                |
| Suction Size         | 6 - 8 in                |
| Max. Sphere Size     | 0.500 in                |
| Max Operation P.S.I. | 585 (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.