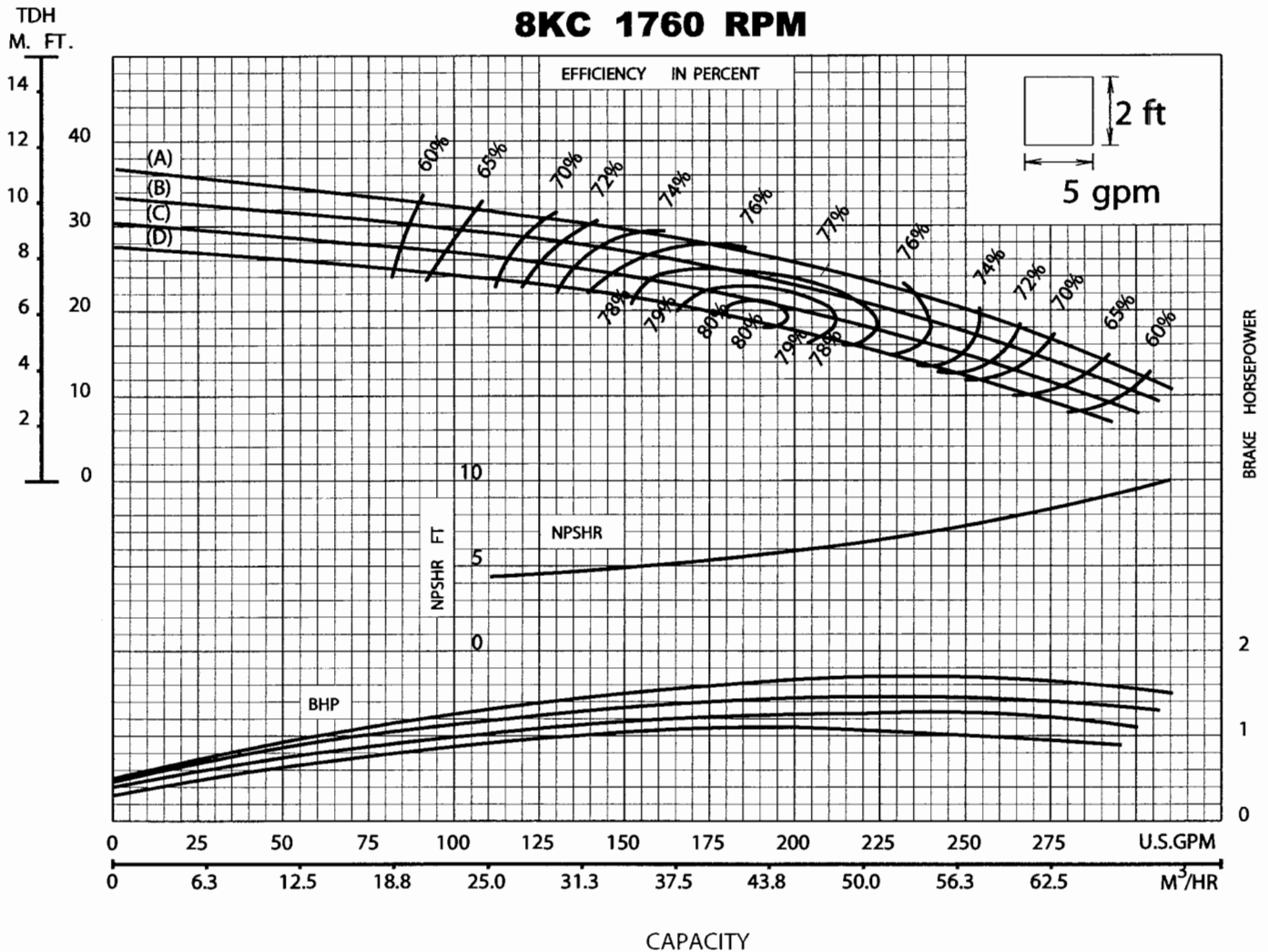




# TURBINE PUMP CURVE

JUL Y 1997



## IMPELLER DATA

|                 |              |                        |
|-----------------|--------------|------------------------|
| Impeller Number | 3680         | TRIM: (A) 6.313" X 18° |
| Material        | BRONZE       | (B) 6.000" X 18°       |
| Type            | CLOSED       | (C) 5.750" X 18°       |
| Thrust Factor   | K=3.93       | (D) 5.500" X 18°       |
| Eye Area        | 5.72 sq. in. |                        |
| Weight          | 5.50 lb.     |                        |

Minimum submergence  
above eye of bottom  
impeller: 12 in.

## EFFICIENCY CORRECTION

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

## BOWL DATA

|                      |                     |
|----------------------|---------------------|
| Bowl Number          | 3591 C.I./ENAM.     |
| Bowl Dia.            | 7.938"max 7.500"min |
| Max. No. Stages      | 37                  |
| One Stage Weight     | 130 lb              |
| Add'l Stage Weight   | 30 lb               |
| Std. Shaft Dia.      | 1.000 in            |
| Std. Lateral         | 0.438 in            |
| Discharge Size       | 5 - 6 in            |
| Suction Size         | 5 - 6 in            |
| Max. Sphere Size     | 0.375 in            |
| Max Operation P.S.I. | 692 (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.