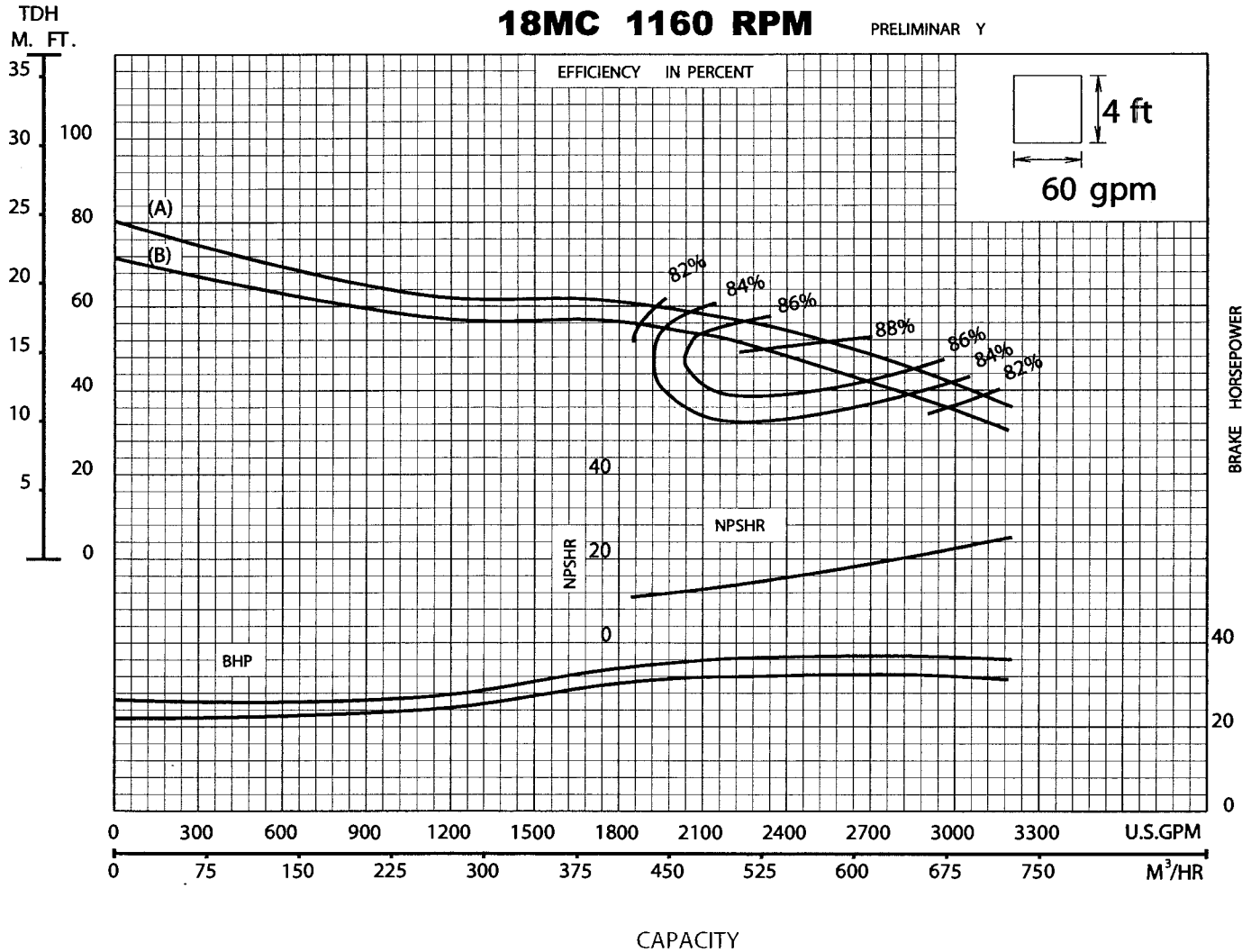




# TURBINE PUMP CURVE

JUNE 2000



## IMPELLER DATA

|                 |               |                                                          |
|-----------------|---------------|----------------------------------------------------------|
| Impeller Number | 3923          | TRIM: (A) 13.188" X 20°                                  |
| Material        | BRONZE        | (B) 12.250" X 20°                                        |
| Type            | CLOSED        |                                                          |
| Thrust Factor   | K=21.75       |                                                          |
| Eye Area        | 50.27 sq. in. |                                                          |
| Weight          | 42.0 lb.      | Minimum submergence above eye of bottom impeller: 32 in. |

## BOWL DATA

|                      |                         |
|----------------------|-------------------------|
| Bowl Number          | 3905 C.I./ENAM.         |
| Bowl Dia.            | 17.750" max 17.500" min |
| Max. No. Stages      | 12                      |
| One Stage Weight     | 750 lb                  |
| Add'l Stage Weight   | 325 lb                  |
| Std. Shaft Dia.      | 2.188 in                |
| Std. Lateral         | 0.500 in                |
| Discharge Size       | 12-14 in                |
| Suction Bell Size    | 18.000 in               |
| Max. Sphere Size     | 1.375 in                |
| Max Operation P.S.I. | 500                     |

## EFFICIENCY CORRECTION

|                                                           |    |    |   |
|-----------------------------------------------------------|----|----|---|
| Number of Bowls                                           | 1  | 2  | 3 |
| Change as follows                                         | -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.