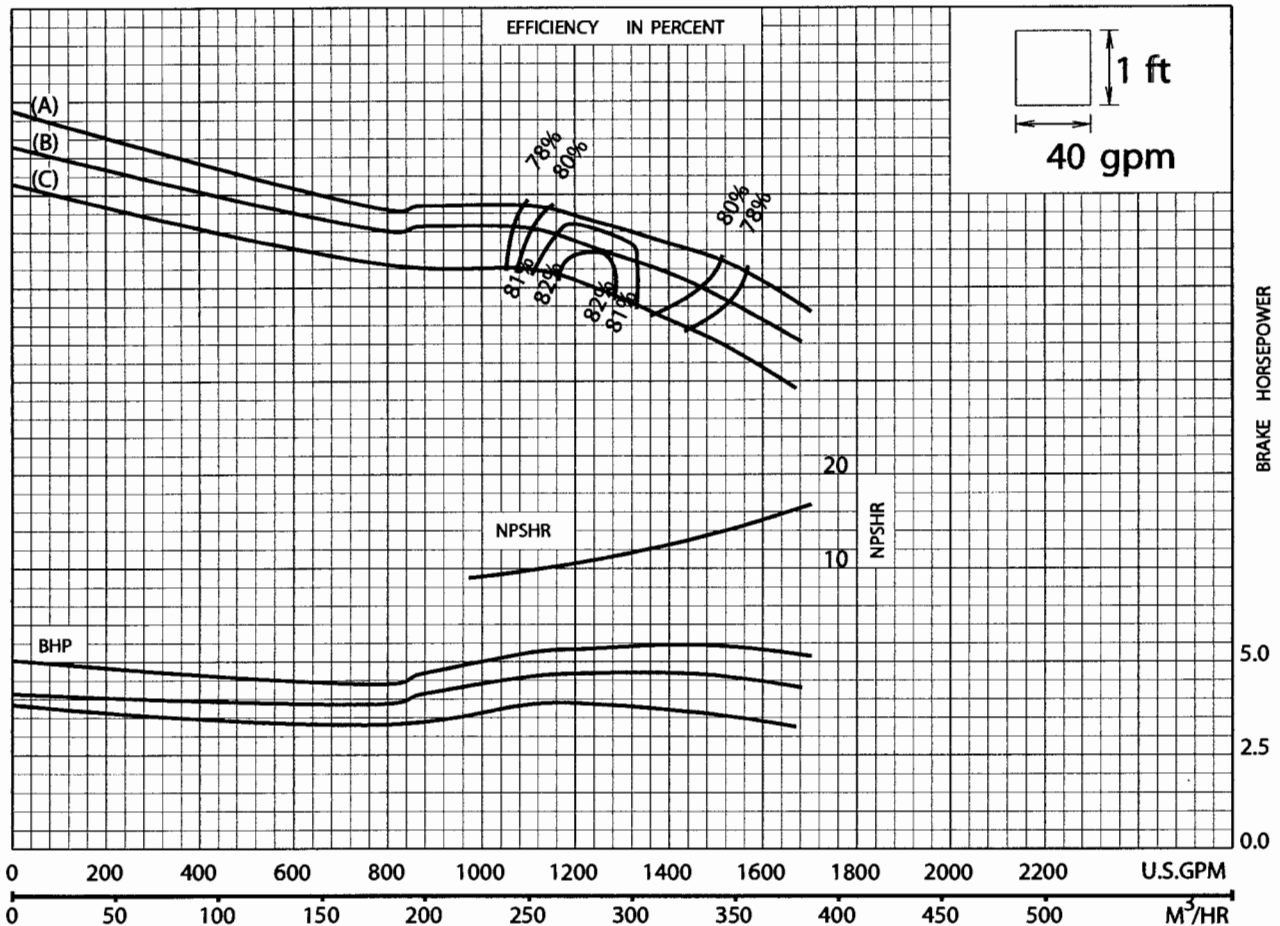


TDH  
M. FT.

**12YS 880 RPM**



## IMPELLER DATA

|                 |               |                                                               |
|-----------------|---------------|---------------------------------------------------------------|
| Impeller Number | 4778-S        | TRIM: (A) 9.500" X 35                                         |
| Material        | BRONZE        | (B) 9.000" X 35                                               |
| Type            | SEMI-OPEN     | (C) 8.625" X 35                                               |
| Thrust Factor   | K=16.50       |                                                               |
| Eye Area        | 38.00 sq. in. |                                                               |
| Weight          | 19.00 lb.     | Minimum submergence<br>above eye of bottom<br>impeller 36 in. |

## BOWL DATA

|                      |                       |
|----------------------|-----------------------|
| Bowl Number          | 4772-S,C.I./ENAM.     |
| Bowl Dia.            | 12.188"max 11.750"min |
| Max. No. Stages      | 23                    |
| One Stage Weight     | 415 lb                |
| Add'l Stage Weight   | 140 lb                |
| Std. Shaft Dia.      | 1.688 in              |
| Std. Lateral         | 0.875 in              |
| Discharge Size       | 8 - 10 in             |
| Suction Size         | 8 - 10 in             |
| Max. Sphere Size     | 1.500 in              |
| Max Operation P.S.I. | 584 (special)         |

## 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.