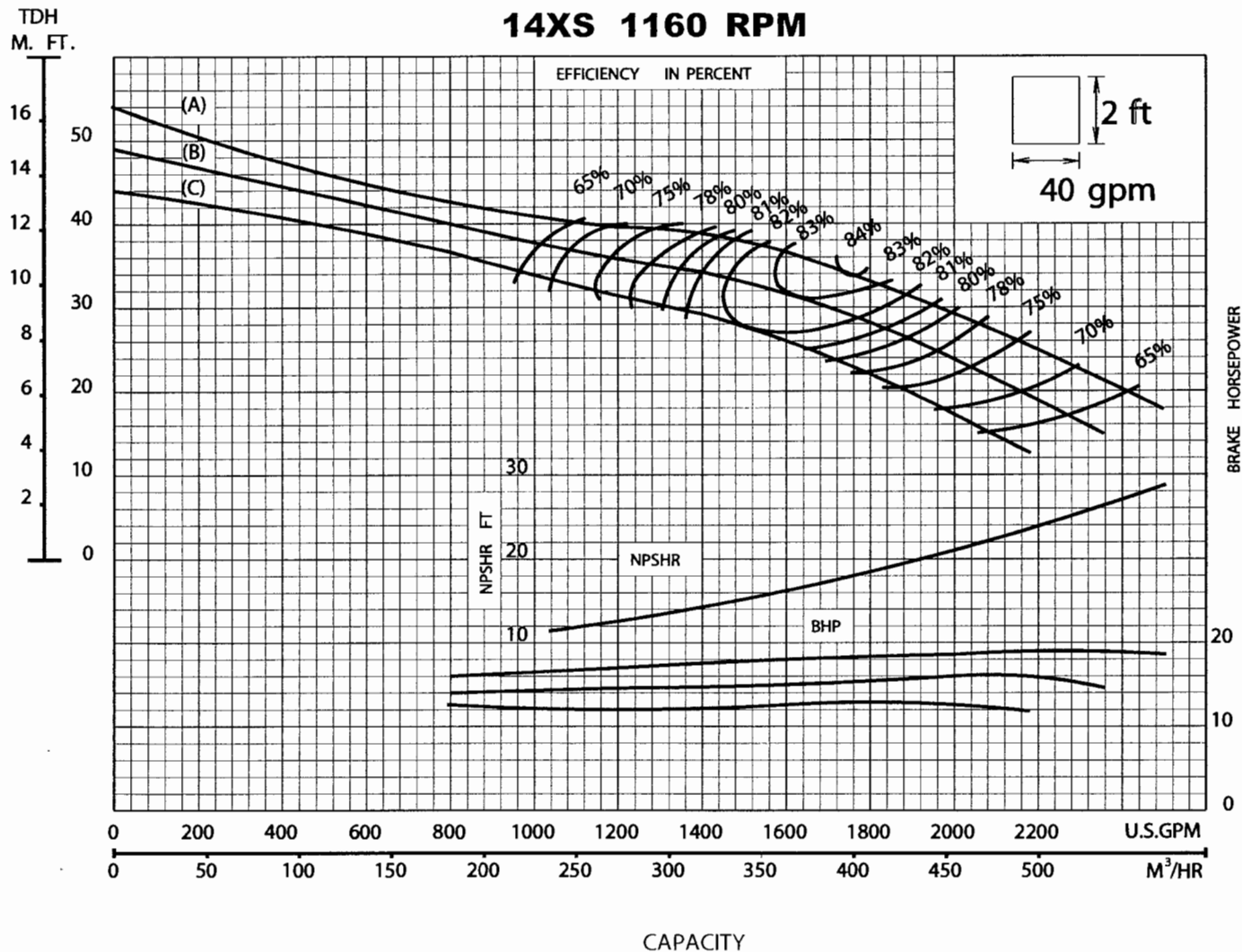




# TURBINE PUMP CURVE

JANUAR Y 1995



## IMPELLER DATA

|                 |               |                                                             |
|-----------------|---------------|-------------------------------------------------------------|
| Impeller Number | 3092          | TRIM: (A) 11.313" X 32.5°                                   |
| Material        | BRONZE        | (B) 11.000" X 32.5°                                         |
| Type            | SEMI-OPEN     | (C) 10.625" X 32.5°                                         |
| Thrust Factor   | K=23.40       |                                                             |
| Eye Area        | 40.90 sq. in. |                                                             |
| Weight          | 20.25 lb.     | Minimum submergence<br>above eye of top<br>impeller: 32 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          | 3042-S,C.I./ENAM.     |
| Bowl Dia.            | 13.500"max 13.250"min |
| Max. No. Stages      | 19                    |
| One Stage Weight     | 490 lb                |
| Add'l Stage Weight   | 175 lb                |
| Std. Shaft Dia.      | 1.938 in              |
| Std. Lateral         | 0.875 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.