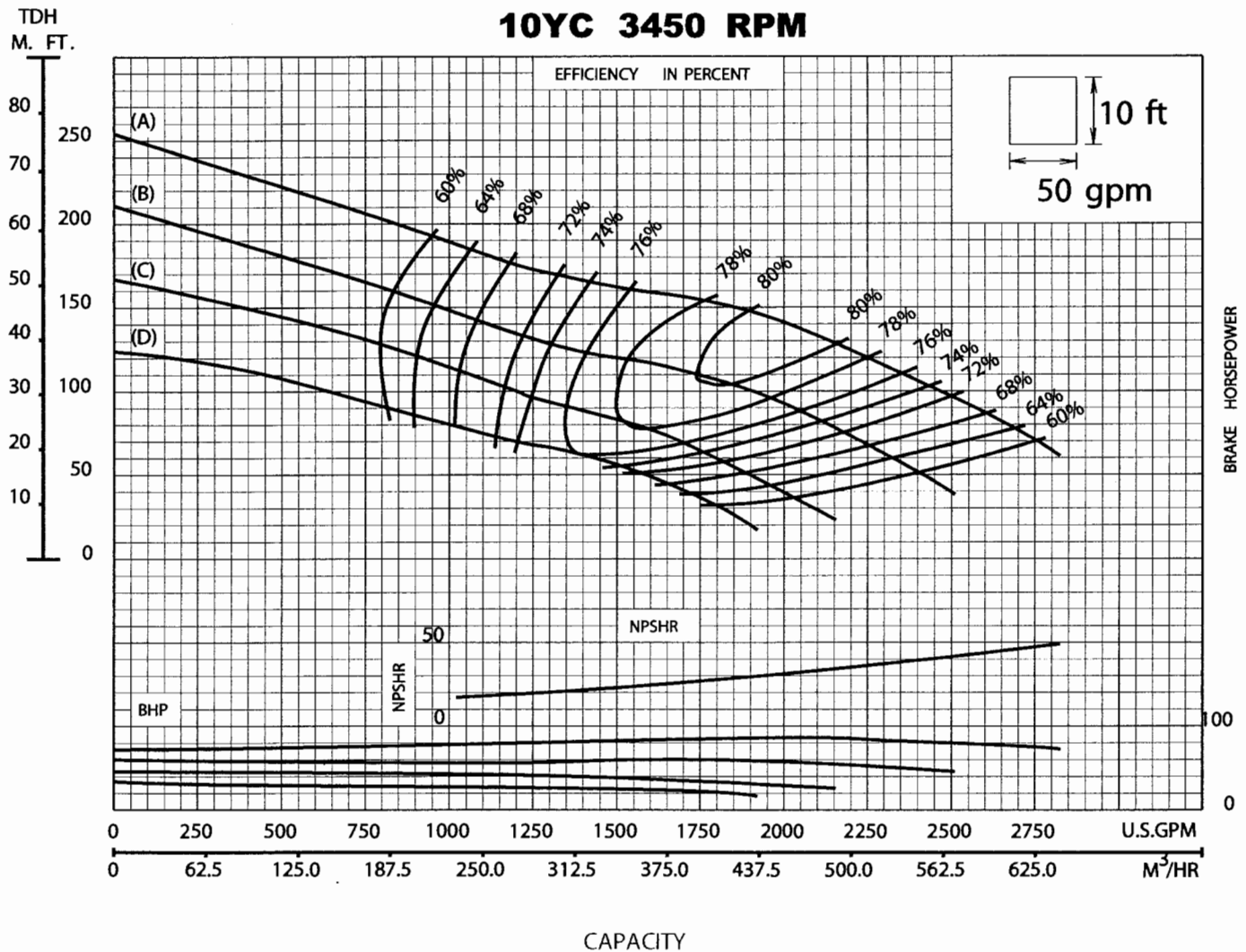




# TURBINE PUMP CURVE

APRIL 1999



## IMPELLER DATA

|                 |               |                           |
|-----------------|---------------|---------------------------|
| Impeller Number | 3540          | TRIM: (A) 8.250" X 33.25" |
| Material        | BRONZE        | (B) 7.500" X 33.25"       |
| Type            | CLOSED        | (C) 6.750" X 33.25"       |
| Thrust Factor   | K=10.30       |                           |
| Eye Area        | 19.40 sq. in. |                           |
| Weight          | 11.00 lb.     |                           |

Minimum submergence  
above eye of bottom  
impeller 40 in.

## 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.

## BOWL DATA

|                      |                     |
|----------------------|---------------------|
| Bowl Number          | 3541 C.I./ENAM.     |
| Bowl Dia.            | 9.875"max 9.500"min |
| Max. No. Stages      | 8                   |
| One Stage Weight     | 250 lb              |
| Add'l Stage Weight   | 60 lb               |
| Std. Shaft Dia.      | 1.688 in            |
| Std. Lateral         | 0.750 in            |
| Discharge Size       | 6 - 8 in            |
| Suction Size         | 6 - 8 in            |
| Max. Sphere Size     | 0.875 in            |
| Max Operation P.S.I. | 455 (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.