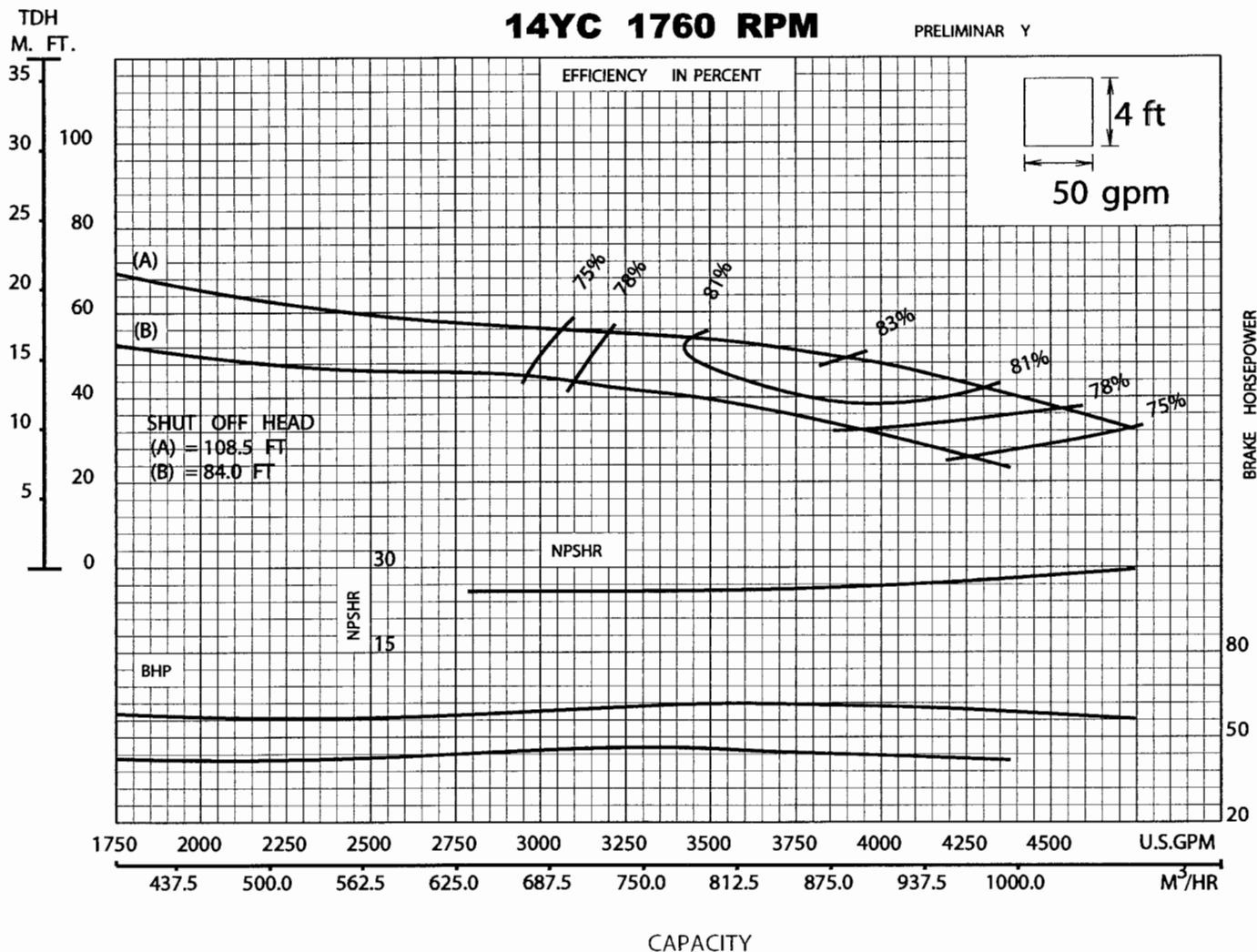




TURBINE PUMP CURVE

AUGUST 1999



IMPELLER DATA

Impeller Number 3878
Material BRONZE
Type CLOSED
Thrust Factor K=24.00
Eye Area 57.0 sq. in.
Weight 28 lb.

TRIM: (A) 11.250" X 35°
(B) 10.625" X 35°

Minimum submergence
above eye of bottom
impeller: 34 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 3869 C.I./ENAM.
Bowl Dia. 13.750" max 13.500" min
Max. No. Stages 9
One Stage Weight 335 lb
Add'l Stage Weight 188 lb
Std. Shaft Dia. 1.938 in
Std. Lateral 0.625 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.