

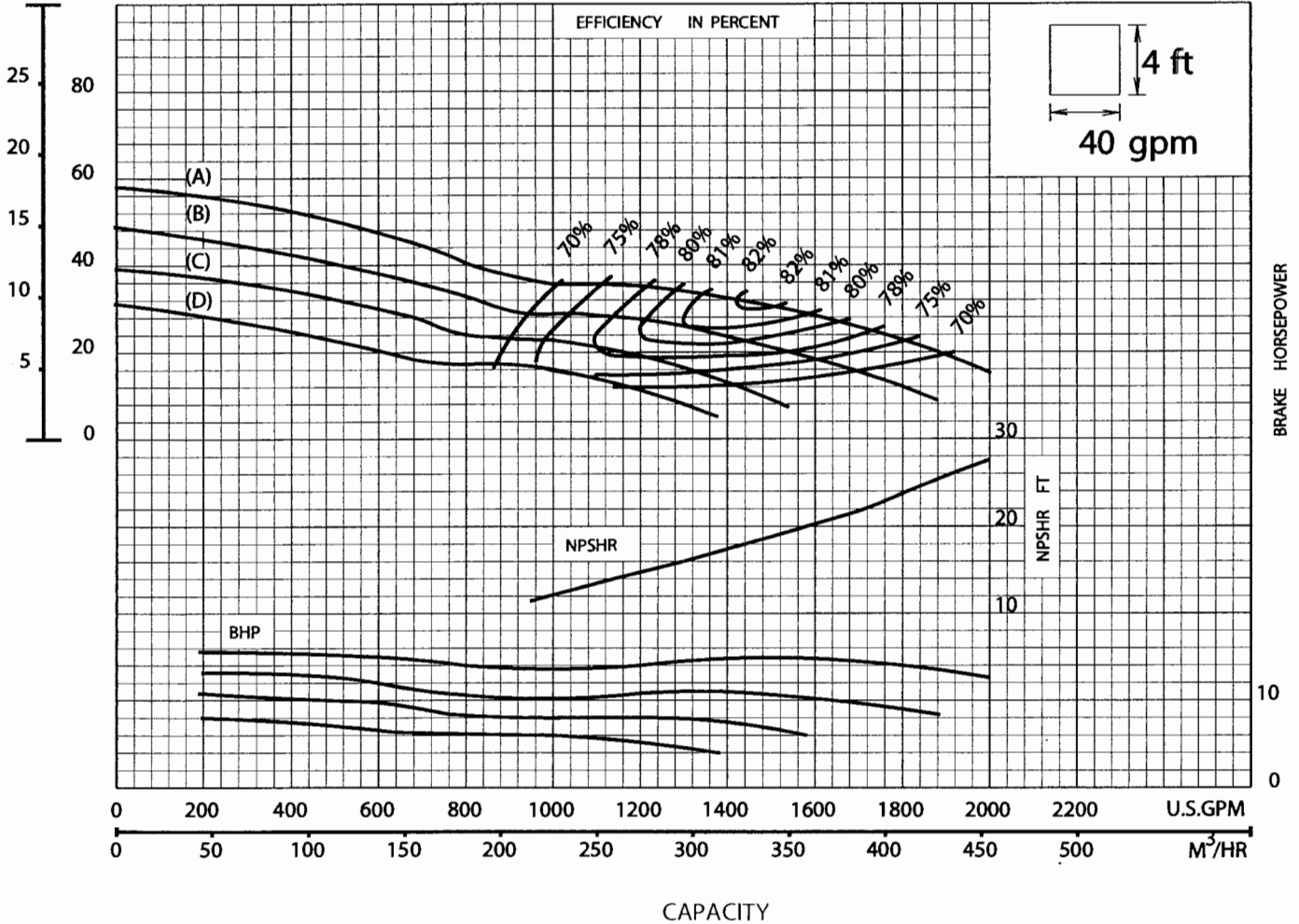


TURBINE PUMP CURVE

SEPTEMBER 1997

TDH
M. FT.

10ZC 1760 RPM



IMPELLER DATA

Impeller Number	3862	TRIM: (A) 8.250" X 42°
Material	BRONZE	(B) 7.875" X 42°
Type	CLOSED	(C) 7.500" X 42°
Thrust Factor	K=13.60	(D) 7.125" X 42°
Eye Area	26.70 sq. in.	
Weight	9.75 lb.	

Minimum submergence
above eye of bottom
impeller: 30 in.

EFFICIENCY CORRECTION

Number of Bowls	1	2	3	4	5
Change as follows	-6	-5	-3	-1	0

Change in efficiency may affect both head and horsepower.

BOWL DATA

Bowl Number	3864 C.I./ENAM.
Bowl Dia.	9.875"max 9.500"min
Max. No. Stages	26
One Stage Weight	250 lb
Add'l Stage Weight	60 lb
Std. Shaft Dia.	1.688 in
Std. Lateral	0.500 in
Discharge Size	6 - 8 in
Suction Size	6 - 8 in
Max. Sphere Size	1.438 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.