

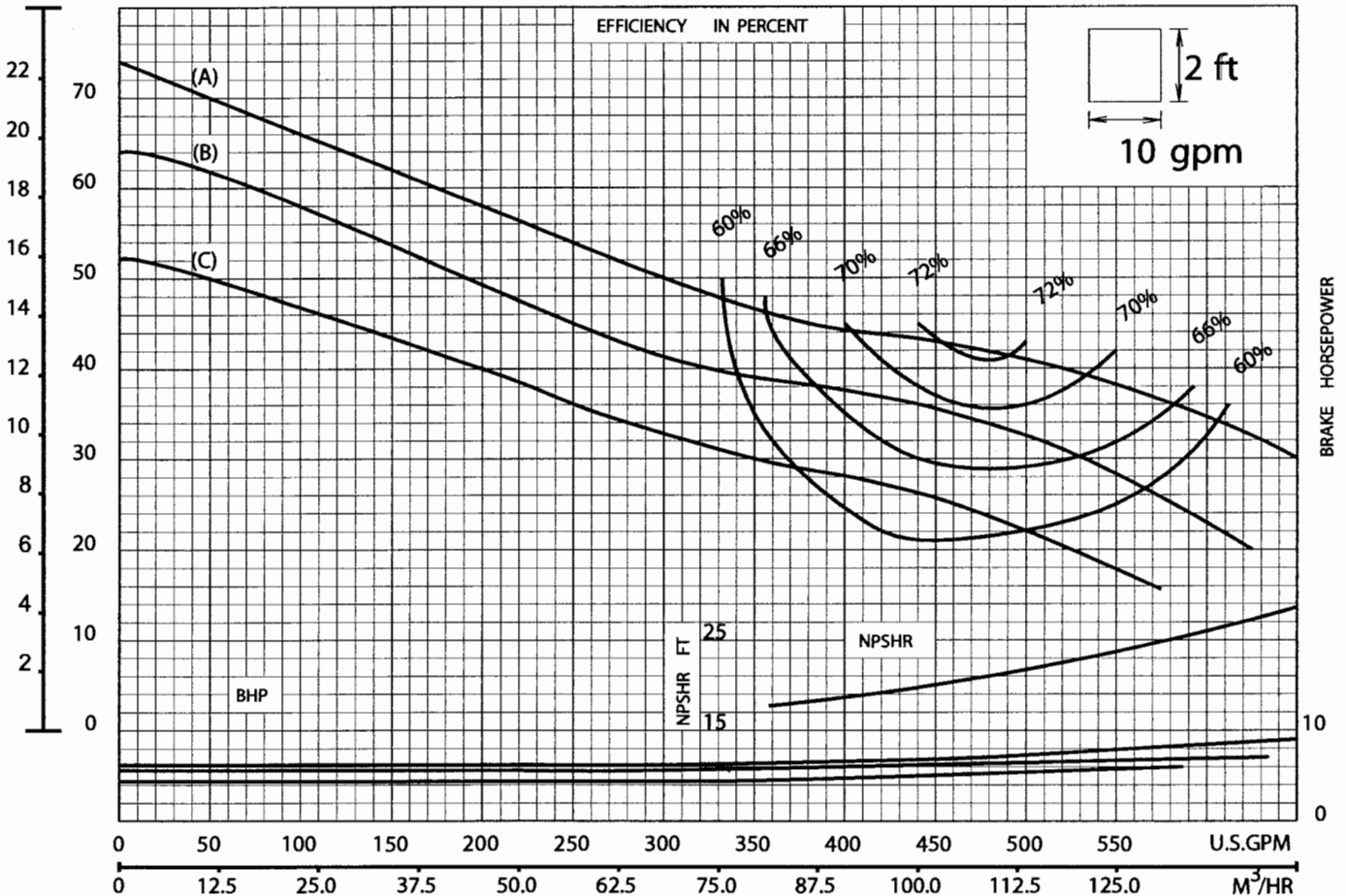


TURBINE PUMP CURVE

APRIL 2001

TDH
M. FT.

6YC 3450 RPM



CAPACITY

IMPELLER DATA

Impeller Number	6414	TRIM: (A) 4.688" X 30
Material	BRONZE	(B) 4.500" X 30
Type	CLOSED	(C) 4.313" X 30
Thrust Factor	K=4.10	
Eye Area	7.51 sq. in.	
Weight	2.35 lb.	

Minimum submergence
above eye of bottom
impeller: 20 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.

FLANGED BOWL DATA

Bowl Number	6818 C.I./ENAM.
Bowl Dia.	5.563"
Max. No. Stages	14
One Stage Weight	75 lb
Add'l Stage Weight	15 lb
Std. Shaft Dia.	1.000 in
Std. Lateral	0.250 in
Discharge Size	4 in
Suction Size	4 in
Max. Sphere Size	0.500 in
Max Operation P.S.I.	360 (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.