



TURBINE PUMP CURVE

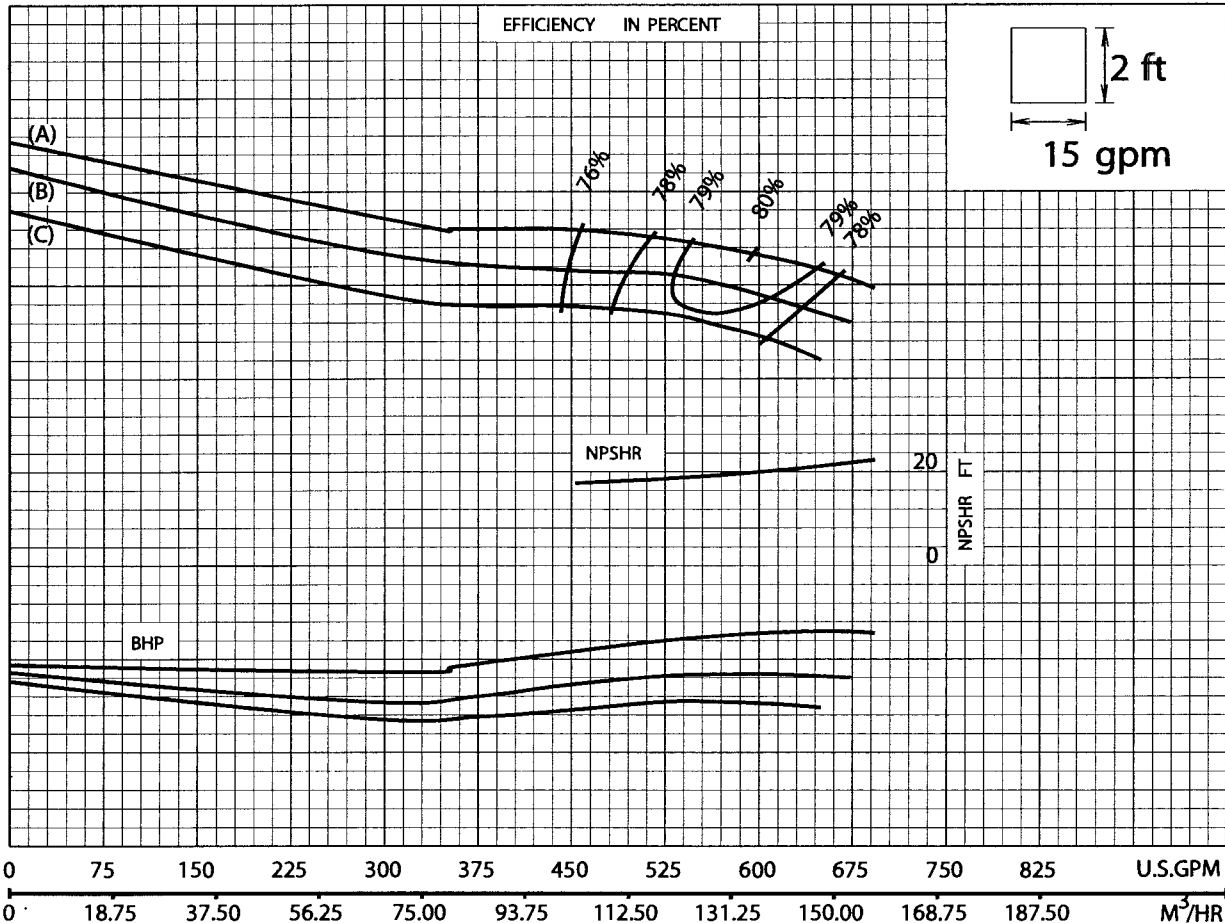
FEBRUAR Y 1999

TDH
M. FT.

8WC 1760 RPM

PRELIMINAR Y

14
12
10
8
6
4
2
0



BRAKE HORSEPOWER

CAPACITY

IMPELLER DATA

Impeller Number	3050	TRIM: (A) 6.313" X 27°
Material	BRONZE	(B) 6.000" X 27°
Type	CLOSED	(C) 5.688" X 27°
Thrust Factor	K= 6.20	
Eye Area	17.20 sq. in.	
Weight	6.50 lb.	

Minimum submergence
above eye of bottom
impeller: 18 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.				

THREADED BOWL DATA

Bowl Number	3169 C.I./ENAM.
Bowl Dia.	7.750"max 7.625"min
Max. No. Stages	26
One Stage Weight	88 lb
Add'l Stage Weight	39 lb
Std. Shaft Dia.	1.188 in
Std. Lateral	0.438 in
Discharge Size	5 - 6 in
Suction Size	5 - 6 in
Max. Sphere Size	1.125 in
Max Operation P.S.I.	692 (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.