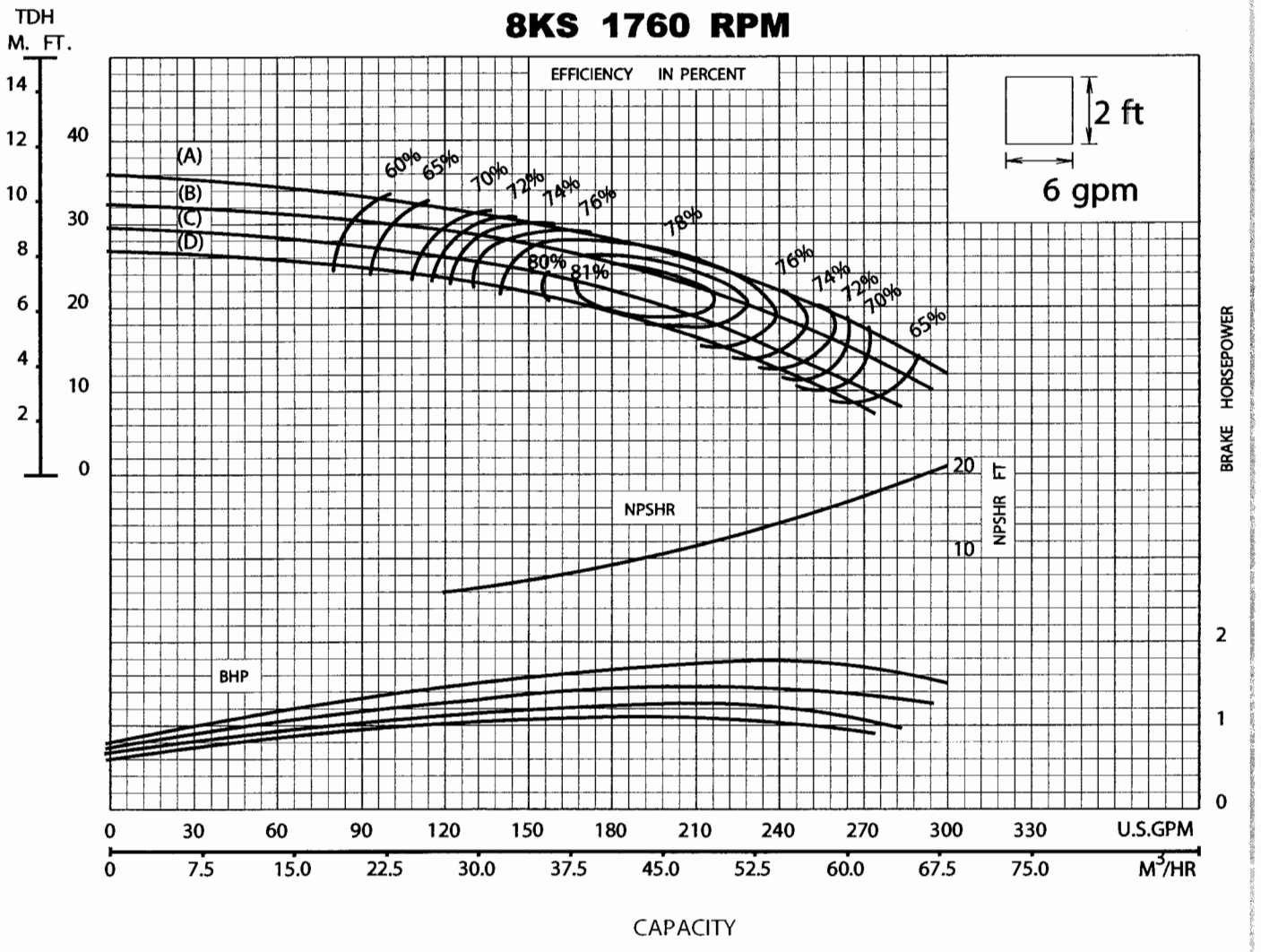
AMERICAN-MARSH PUMPS

TURBINE PUMP CURVE

JULY 1997

8KS 1760 RPM



IMPELLER DATA

Impeller Number	3693	TRIM:	(A) 6.313" X 18°
Material	BRONZE		(B) 6.000" X 18°
Type	SEMI-OPEN		(C) 5.750" X 18°
Thrust Factor	K=4.42		(D) 5.500" X 18°
Eye Area	5.72 sq. in.		Minimum submergence above eye of top impeller:14 in.
Weight	3.75 lb.		

EFFICIENCY CORRECTION

Number of Bowls	1	2	3		
Change as follows	-3	-1	0		

Change in efficiency may affect both head and horsepower.

BOWL DATA

Bowl Number	3591-S,C.I./ENAM.	
Bowl Dia.	7.938"max 7.500"min	
Max. No. Stages	37	
One Stage Weight	130	lb
Add'l Stage Weight	30	lb
Std. Shaft Dia.	1.000	in
Std. Lateral	0.438	in
Discharge Size	5 - 6	in
Suction Size	5 - 6	in
Max. Sphere Size	0.375	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.