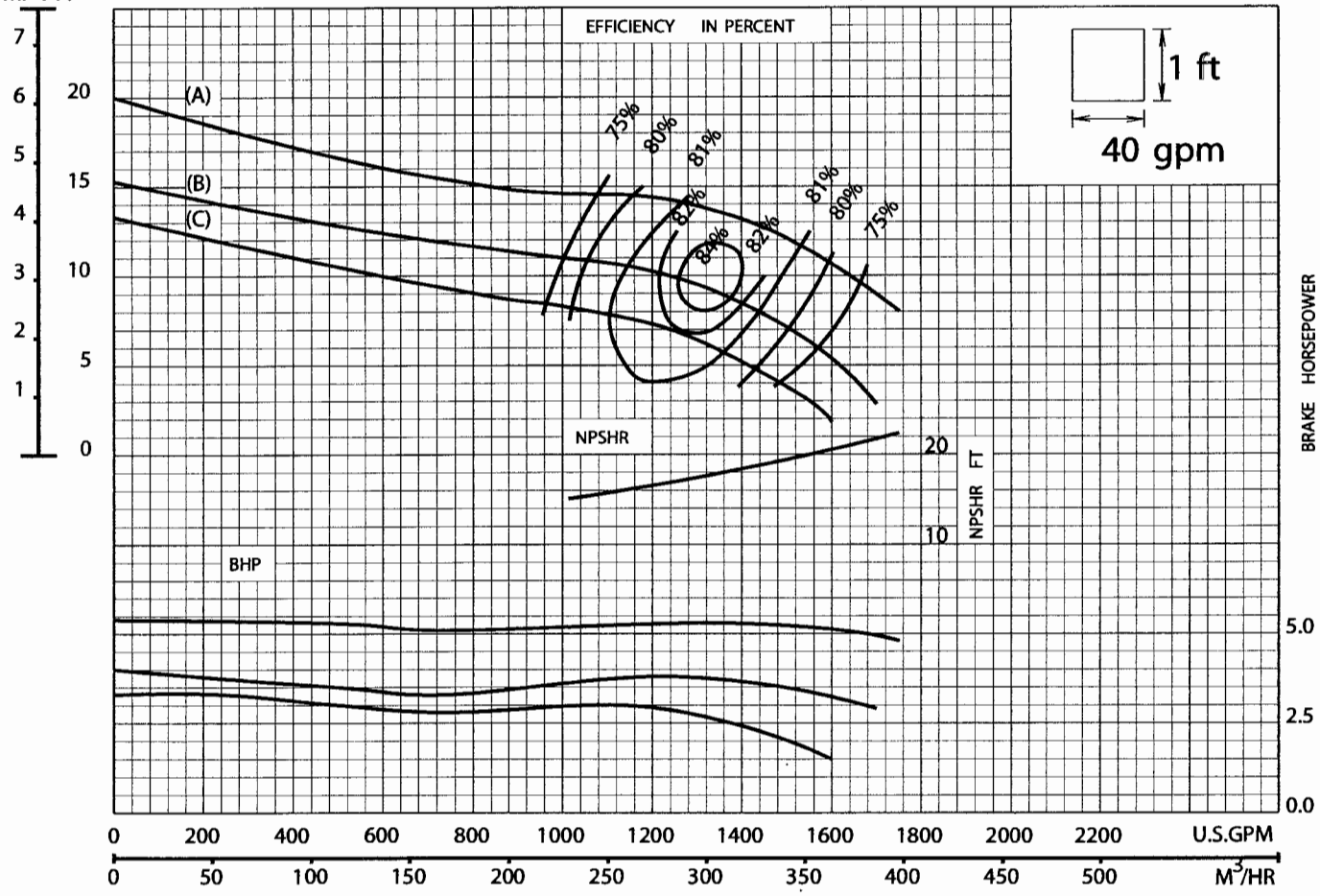
AMERICAN-MARSH PUMPS

TURBINE PUMP CURVE

FEBRUAR Y 1995

12YC 880 RPM



IMPELLER DATA

Impeller Number	4778	TRIM:	(A) 9.797" X 35
Material	BRONZE		(B) 9.203" X 35
Type	CLOSED		(C) 8.734" X 35
Thrust Factor	K=14.20		
Eye Area	38.00 sq. in.		Minimum submergence above eye of bottom impeller 36 in.
Weight	19.00 lb.		

BOWL DATA

Bowl Number	4772 C.I./ENAM.	
Bowl Dia.	12.188"max 11.750"min	
Max. No. Stages	20	
One Stage Weight	415	lb
Add'l Stage Weight	140	lb
Std. Shaft Dia.	1.688	in
Std. Lateral	0.875	in
Discharge Size	8 - 10	in
Suction Size	8 - 10	in
Max. Sphere Size	1.500	in
Max Operation P.S.I.	584 (special)	

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.

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.