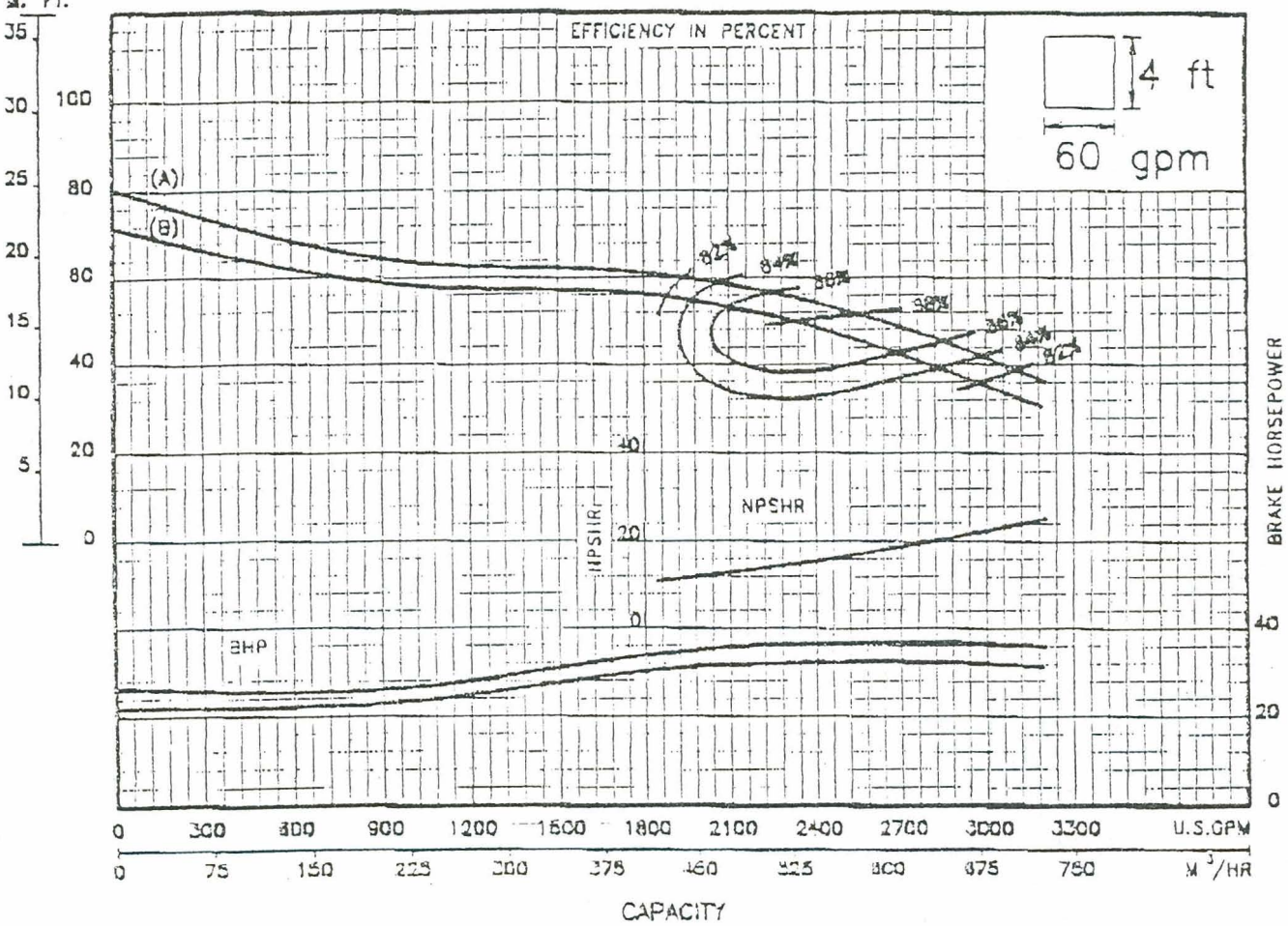
JoLINE®

TURBINE PUMP CURVE

JUNE 2000

18MC 1160 RPM PRELIMINARY



IMPELLER DATA		
Impeller Number	3923	TRIM: (A) 13.188" X 20"
Material	BRONZE	(B) 12.250" X 20"
Type	CLOSED	
Thrust Factor	X=21.75	
Eye Area	50.27 sq. in.	Minimum submergence above eye of bottom impeller: 32 in.
Weight	42.0 lb.	

BOWL DATA		
Bowl Number	3905 C.I.\ENAM.	
Bowl Dia.	17.750"max 17.500"min	
Max. No. Stages	12	
One Stage Weight	750	lb
Add'l Stage Weight	325	lb
Std. Shaft Dia.	2.188	in
Std. Lateral	0.500	in
Discharge Size	12–14	in
Suction Bell Size	18.000	in
Max. Sphere Size	1.375	in
Max Operation P.S.I.	500	

EFFICIENCY CORRECTION					
Number of Bowls	1	2	3		
Change as follows	−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.