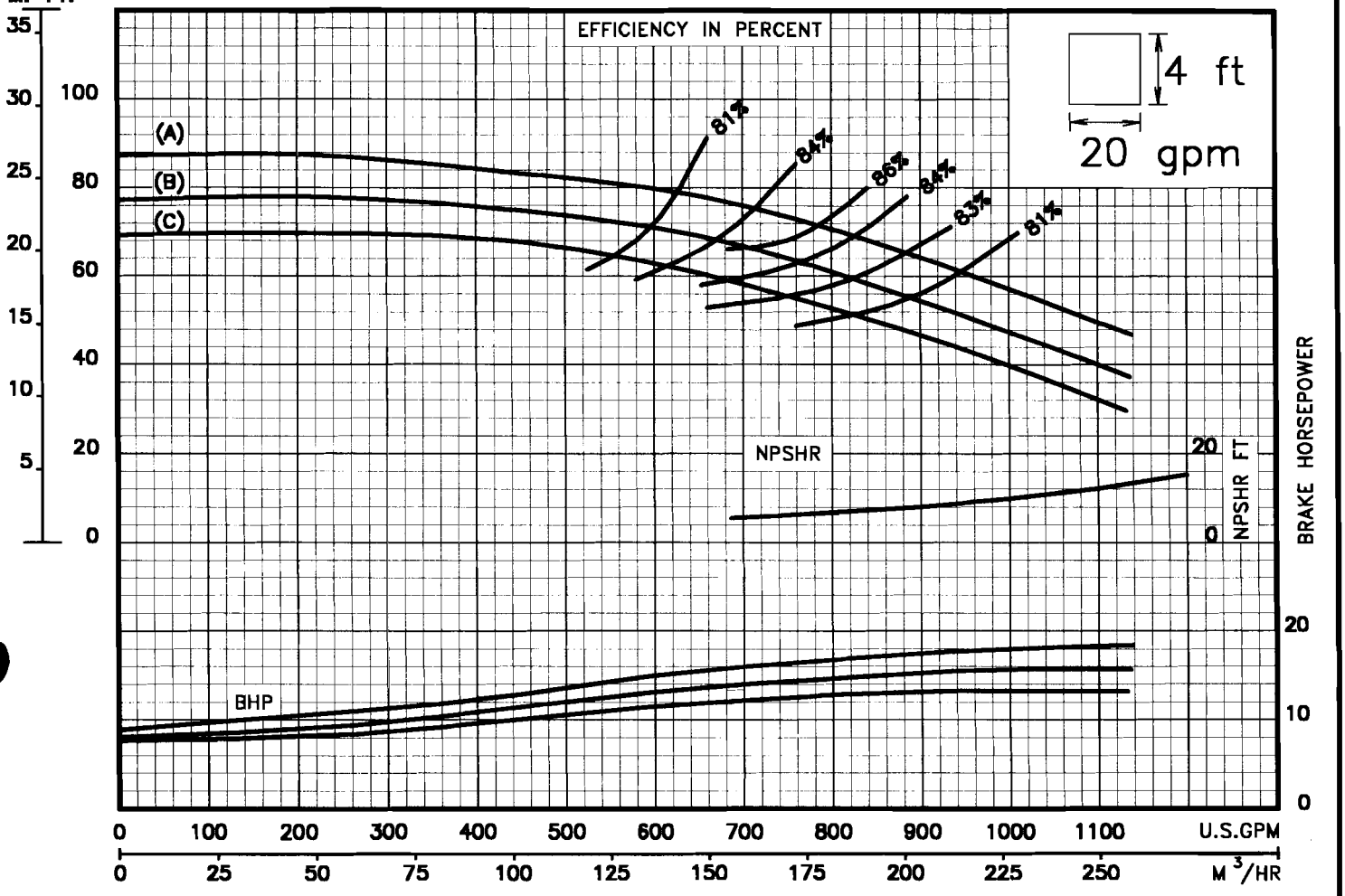
J-LINE®

TURBINE PUMP CURVE

AUGUST 1997

12IC 1760 RPM

PRELIMINARY



CAPACITY

IMPELLER DATA

Impeller Number:	2996	TRIM:	(A) 9.281 x 23"
Material:	BRONZE		(B) 8.750 x 23"
Type:	CLOSED		(C) 8.500 x 23"
Thrust Factor:	K=6.75		
Eye Area:	18.14 sq. in.		
Weight:	15.00 lb.		Minimum submergence above eye of top impeller: 30 in.

BOWL DATA

Bowl Number	2994 C.I./ENAM.	
Bowl Dia.	11.563"max 11.250"min	
Max. No. Stages	19	
One Stage Weight	340	lb
Add'l Stage Weight	100	lb
Std. Shaft Dia.	1.688	in
Std. Lateral	0.625	in
Discharge Size	6–8–10	in
Suction Size	8 – 10	in
Max. Sphere Size	0.625	in
Max. Operation P.S.I.	584 (SPECIAL)	

EFFICIENCY CORRECTION

Number of Bowls	1	2	3	4	
Change as follows	−4	−3	−2	−1	

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.