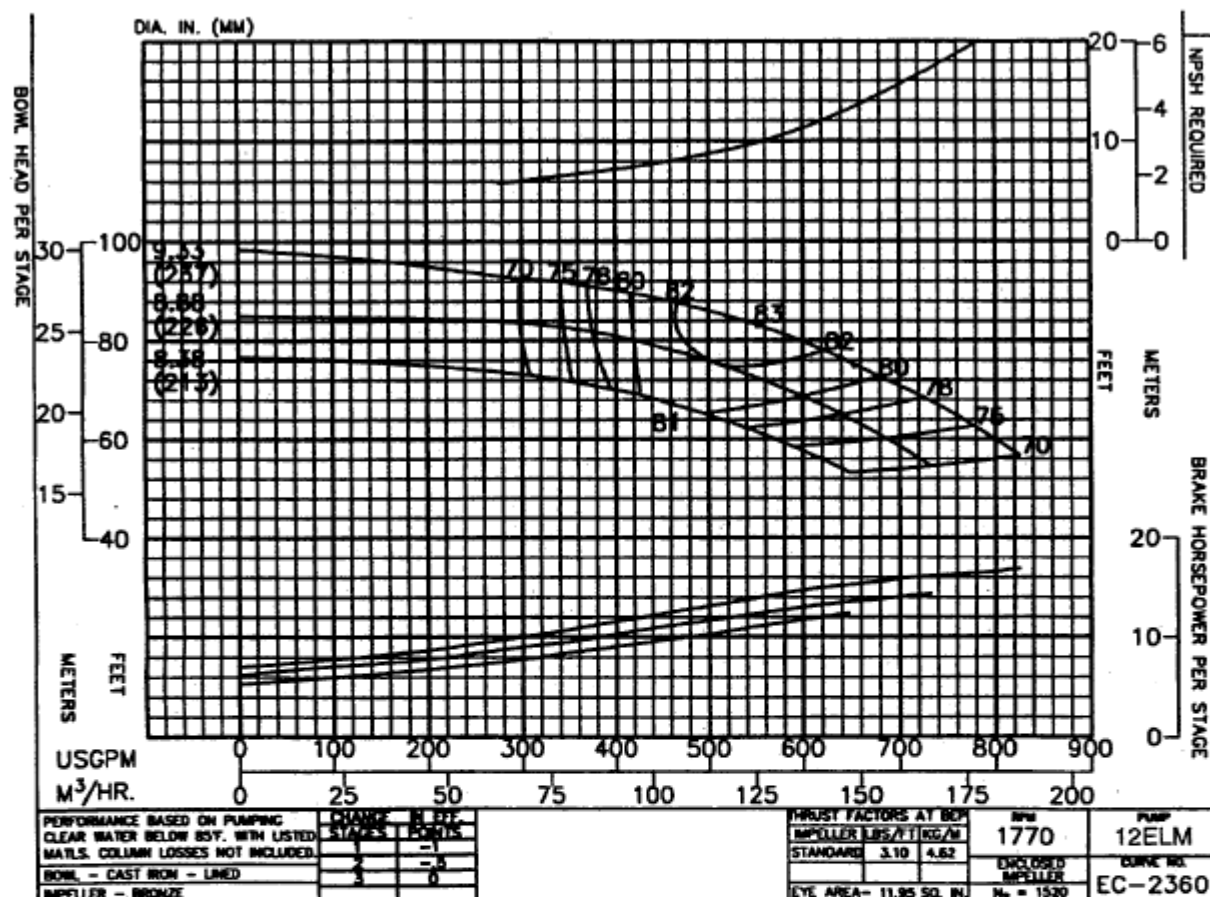


01-JUNE-2000

NEW SHEET

IMPELLER CURVES

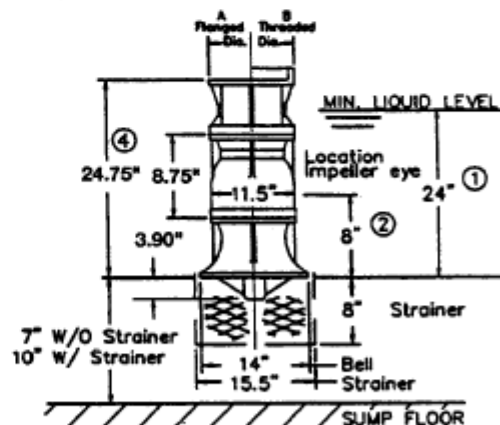
12ELM/12L54



Column	Norm. Size	Max. GPM	"A" Flanged	"B" Threaded
Optional	6"	600	9.38"	9.38"
Standard	8"	1500	11.50"	11.50"
Optional	10"	3000	13.50"	11.75"

RATINGS	
Max. Pressure = 431 psi based on Class 30 Iron bowls	
Impeller and Shaft Weight = 25.0 pounds per stage	
Pump Shaft	Diameter = 1.69 inches
	Max. HP. = 288 with 416 SS Pump Shaft
Line Shaft Size	1.00 1.25 1.50 1.69
Line Shaft H.P.	57 115 200 288

Additional Data	
Max. Operating Speed	3600
Max. No. of Stages	15
Max. Sphere Size	.31
End Play	.68
WR 2 Per Stage	1.25
Bowl Ring Clearance	.004 - .006
Impeller Running Clearance (3)	0.125



(1) Minimum submergence required to prevent vortex formation. The submergence needed to provide adequate NPSH to the first stage. Impeller may be greater or less than shown. The larger of the two values must be used to determine actual minimum allowable submergence.

- (2) Location of eye of first stage impeller. Used to calculate NPSH. This is also the minimum priming submergence. (See note 1).
- (3) Vertical Impeller to Bowl running clearance after shaft stretch.
- (4) For Suction Case dimensions see sheets 20.25 and 20.28.

All Specifications Subject to Change Without Notice.