

VERTICAL TURBINE PUMPS SINGLE STAGE PERFORMANCE



Fairbanks Morse Pump

No. Stages	Eff. Change	MATERIAL	Eff. Change
1	-4	IMP. - C.I.	-2
2	-2	IMP. - NI-RI	-1
3	0	BOWL - BRZ.	-2
4		BOWL - NI-RI	-2

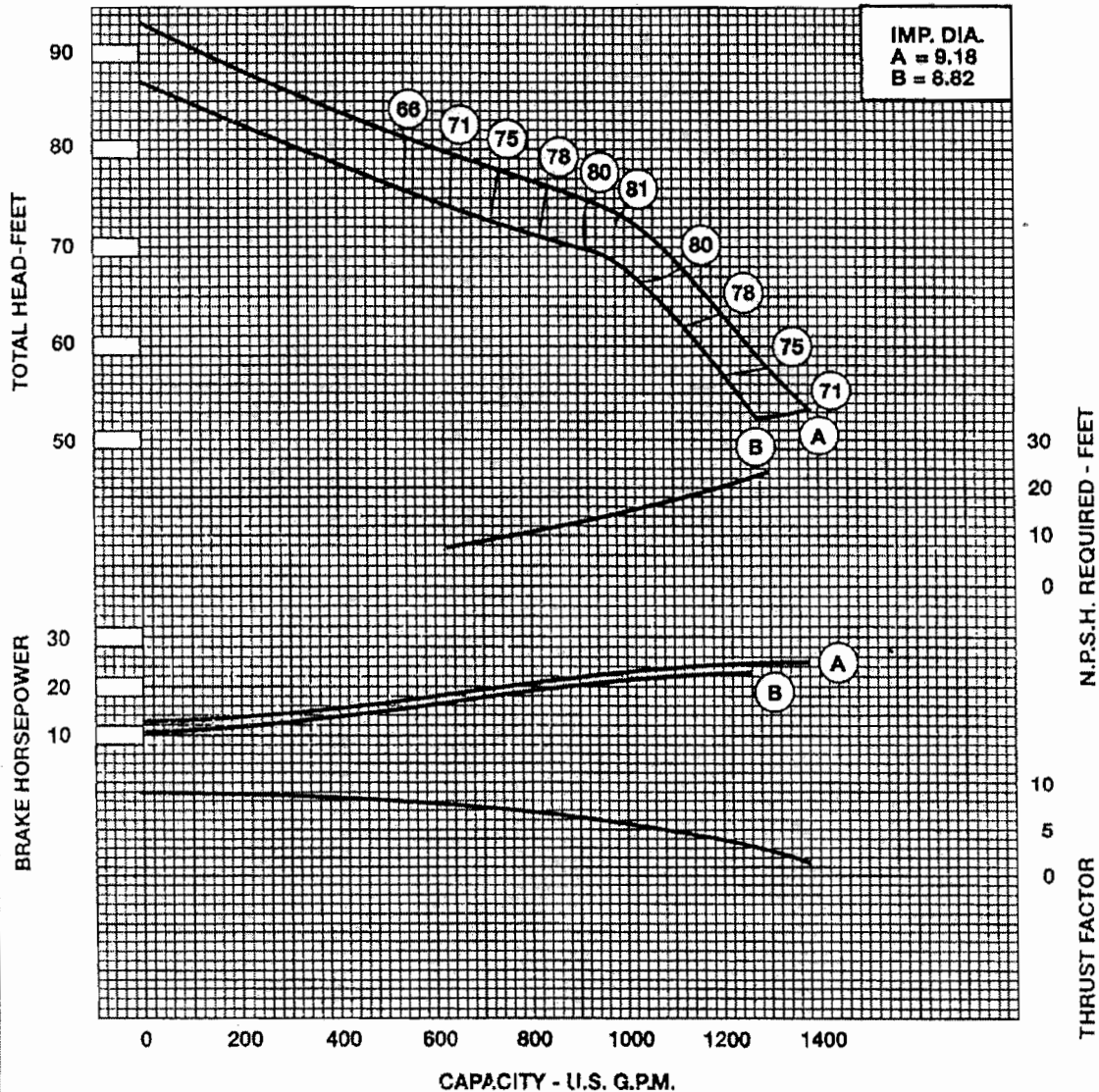
12F

1770 R.P.M.

SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 3 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 3 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.

ONE ()
STAGE STAGES

PUMP PERFORMANCE



EYE AREA - SQ. IN.	= 16.4	IMPELLER WT. - LBS.	= 15.3
VR ² PER IMPELLER LB.-FT. ²	= 1.00	ONE STAGE WT. - LBS.	= 278
MAX. SPHERE SIZE	= —	ADD'L STAGE WT. - LBS.	= 105
MAX. NO. STD. STAGES	= 13	IMPELLER NUMBER	= —
MAX. OPERATING - P.S.I.	= 580	DISCH. - IN.	= 8.10
STD. LATERAL - IN.	= 0.70	SUCTION - IN.	= 8
STD. SHAFT DIA. - IN.	= 1.687	MAX. LATERAL - IN.	= —
MAX. SHAFT DIA. - IN.	= —	BOWL CONN. FLANGED- COLLET	= —
MIN. SUBMERGENCE - IN.	= 27	ADD 8-3/4" PER ADDITIONAL STAGE.	= —

