

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.	-1
4		BOWL - NI-R.	-1

12F

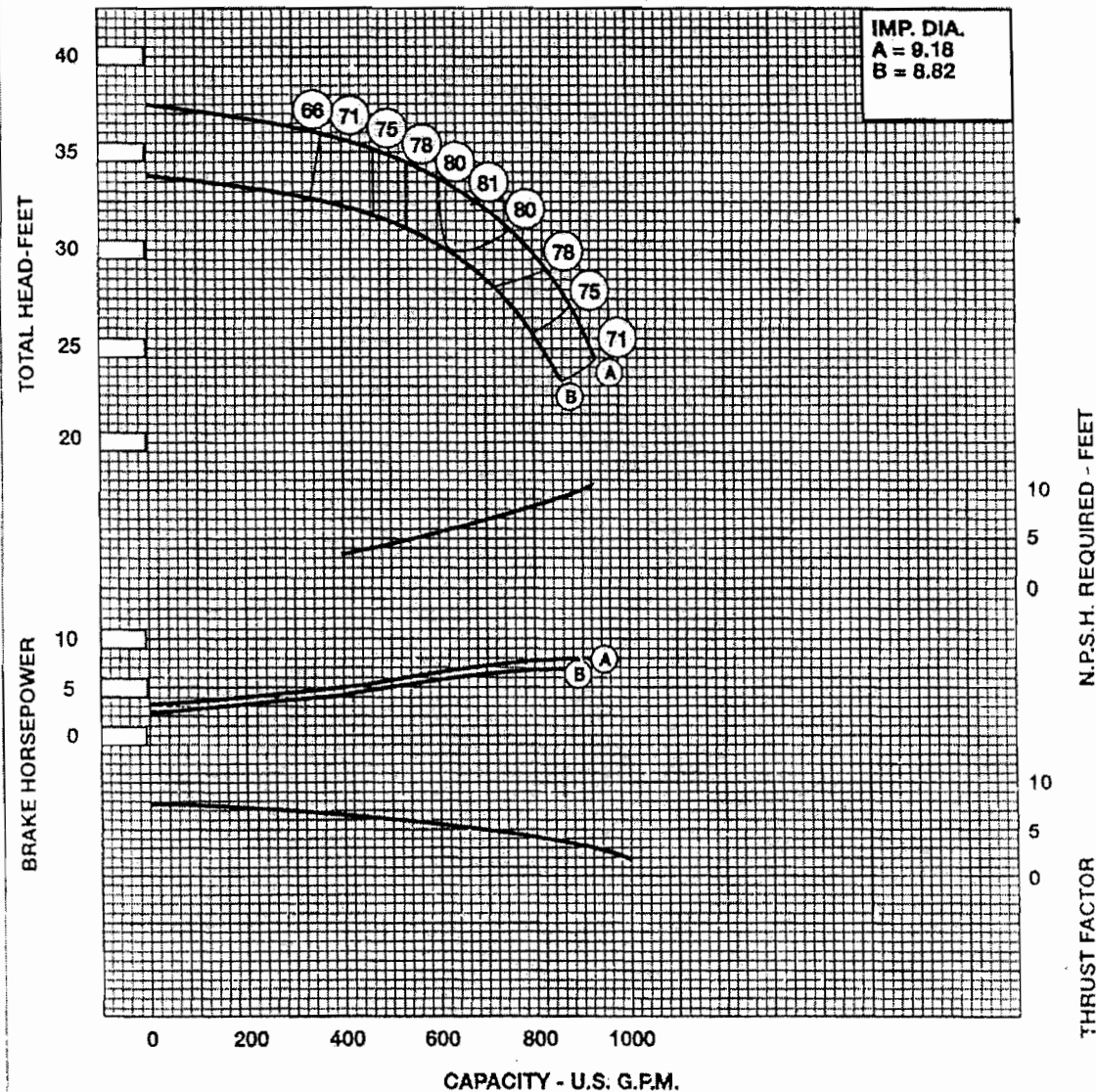
1180

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.	= 17	IMPELLER WT. - LBS.	= 17.3
WR. PER IMPELLER LB.-FT. ³	= 1.12 LB.-FT. ³	ONE STAGE WT. - LBS.	= 278
MAX. SPHERE SIZE	= -- IN	ADD'L STAGE WT. - LBS.	= 105
MAX. NO. STD. STAGES	= 22	IMPELLER NUMBER	= --
MAX. OPERATING - P.S.I.	= 580	DISCH. - SIZES	= 8, 10
STD. LATERAL - IN.	= 0.60 IN	SUCTION - SIZES	= 8
STD. SHAFT DIA. - IN.	= 1.687 IN	MAX. LATERAL	= -- IN
MAX. SHAFT DIA. - IN.	= -- IN	BOWL CONN. FLANGED-COLLET	
MIN. SUBMERGENCE - IN.	= 19 IN	ADD 9-3/8" PER ADDITIONAL STAGE	

