

VERTICAL TURBINE PUMPS SINGLE STAGE PERFORMANCE



Fairbanks Morse Pump

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

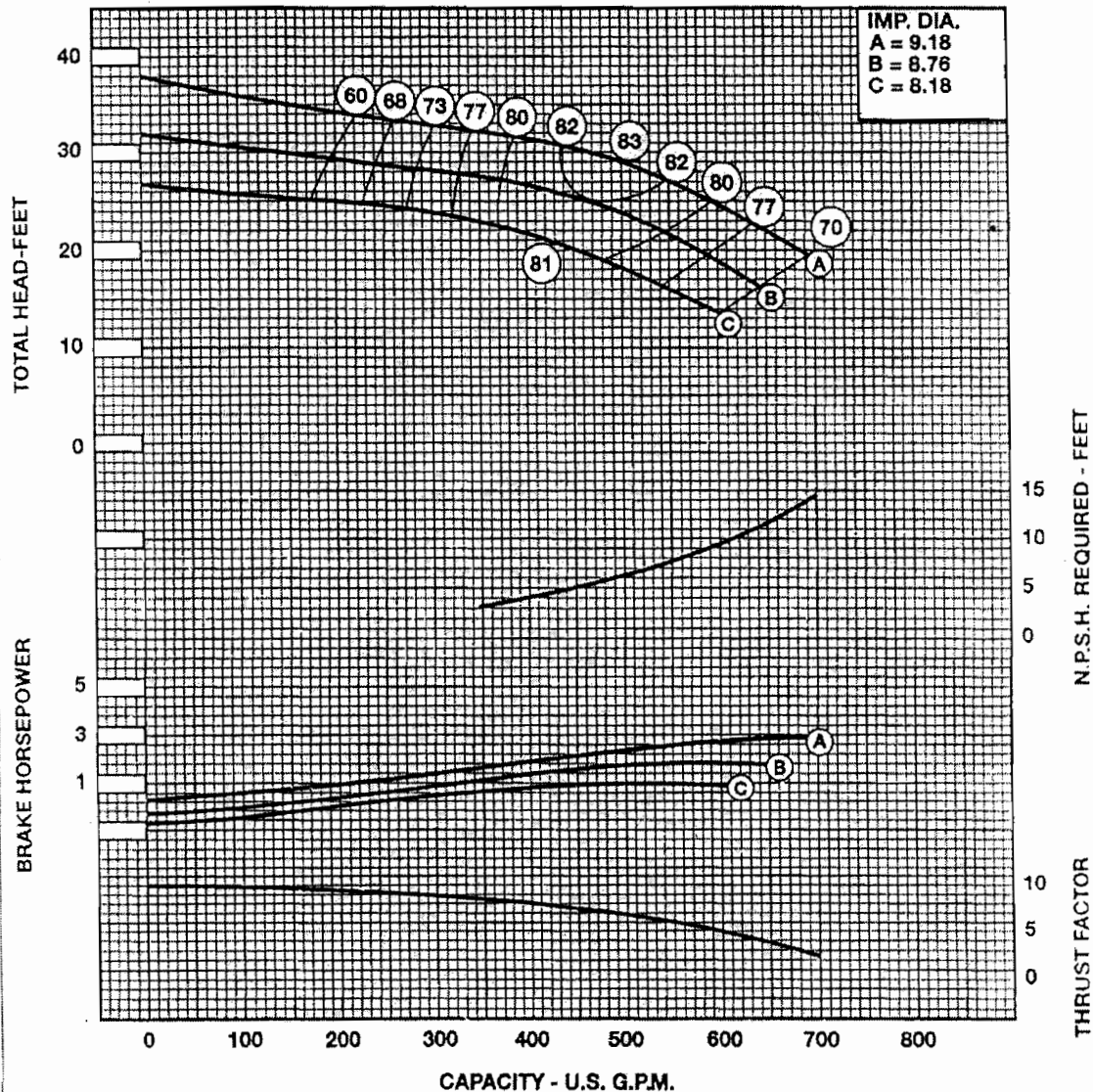
12A

1170 R.P.M.

SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 5 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 5 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.

ONE ()
STAGE STAGES

PUMP PERFORMANCE



EYE AREA - SQ. IN.	= 16.4	IMPELLER WT. - LBS.	= 14.5
WT. PER IMPELLER LB.-FT. ³	= 0.95	ONE STAGE WT. - LBS.	= 278
MAX. SPHERE SIZE	= 0.875	ADD'L. STAGE WT. - LBS.	= 105
MAX. NO. STD. STAGES	= 22	IMPELLER NUMBER	= 6A13
MAX. OPERATING - P.S.I.	= 580	DISCH. - IN.	= 6, 8, 10
STD. LATERAL - IN.	= 0.70	SUCTION - IN.	= 8
STD. SHAFT DIA. - IN.	= 1.687	MAX. LATERAL - IN.	= 1.00
MAX. SHAFT DIA. - IN.	= 1.937	BOWL CONN. FLANGED - COLLETS	
MIN. SUBMERGENCE - IN.	= 14	ADD 9-3/8" PER ADDITIONAL STAGE.	

