

VERTICAL TURBINE PUMPS SINGLE STAGE PERFORMANCE



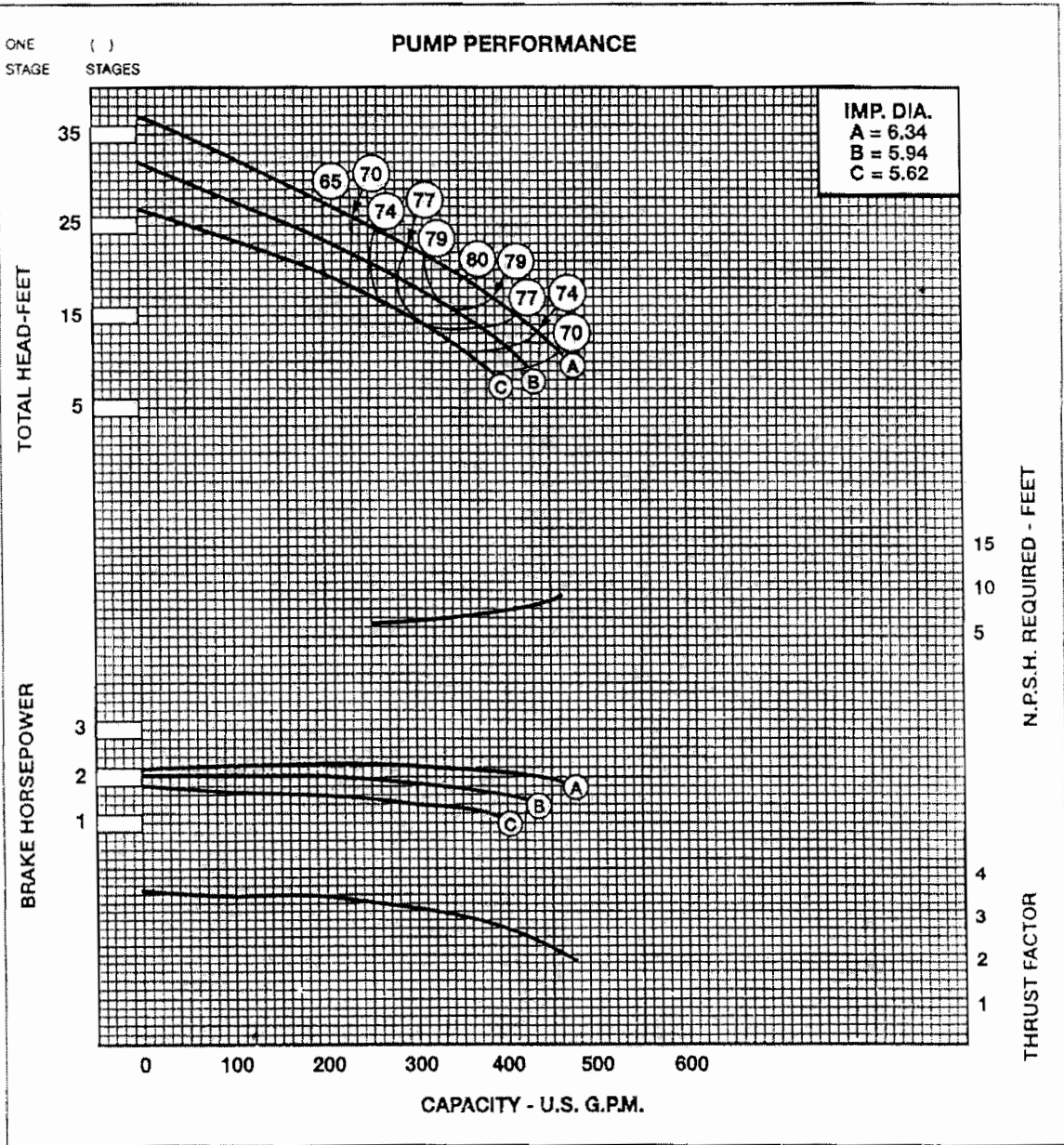
Fairbanks Morse Pump

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

8U

1750 R.P.M.

SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 4 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 4 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.



EYE AREA - SQ. IN.	= 12.9	IMPELLER WT. - LBS.	= 6.7
WRP PER IMPELLER LB.-FT. ²	= 0.16	ONE STAGE WT. - LBS.	= 110
MAX. SPHERE SIZE	= -----	ADD'L STAGE WT. - LBS.	= 32
MAX. NO. STD. STAGES	= 20	IMPELLER NUMBER	= -----
MAX. OPERATING - P.S.I.	= 350	DISCH. - IN.	= 6
STD. LATERAL - IN.	= 0.30	SUCTION - IN.	= 6
STD. SHAFT DIA. - IN.	= 1.188	MAX. LATERAL - IN.	= -----
MAX. SHAFT DIA. - IN.	= -----	BOWL CONN. THREADED - COLLET	
MIN. SUBMERGENCE - IN.	= 22	ADD 6-1/2" PER ADDITIONAL STAGE.	

