

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.	-3
4	0	BOWL - NI-R.	-3

6J

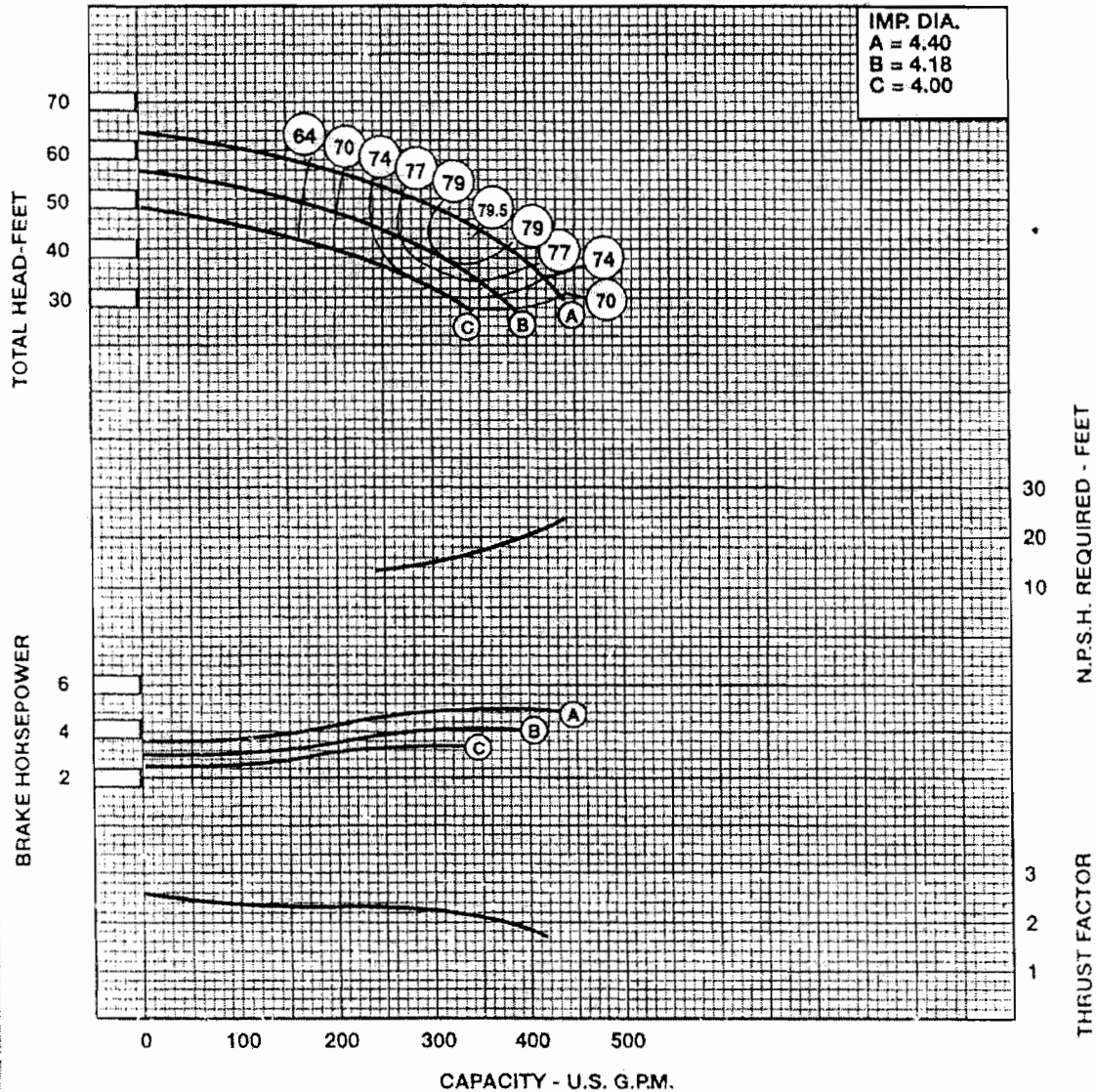
3500

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.

ONE STAGE
STAGES

PUMP PERFORMANCE



EYE AREA - SQ. IN.	= 6.28	IMPELLER WT. - LBS.	= 2.3
DISCH. PER IMPELLER LB.-FT. ²	= 0.03	ONE STAGE WT. - LBS.	= 60
MAX. NO. STD. STAGES	= 15	ADD'L STAGE WT. - LBS.	= 16
MAX. OPERATING - P.S.I.	= 400	DISCH. - IN.	= 4
STD. LATERAL - IN.	= 0.25	SUCTION - IN.	= 4
STD. SHAFT DIA. - IN.	= 1.00	BOWL CONN. THREADED - COLLET	
MIN. SUBMERGENCE - IN.	= 32	ADD 5-1/4" PER ADDITIONAL STAGE.	

