

VERTICAL TURBINE PUMPS SINGLE STAGE PERFORMANCE



Fairbanks Morse Pump

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

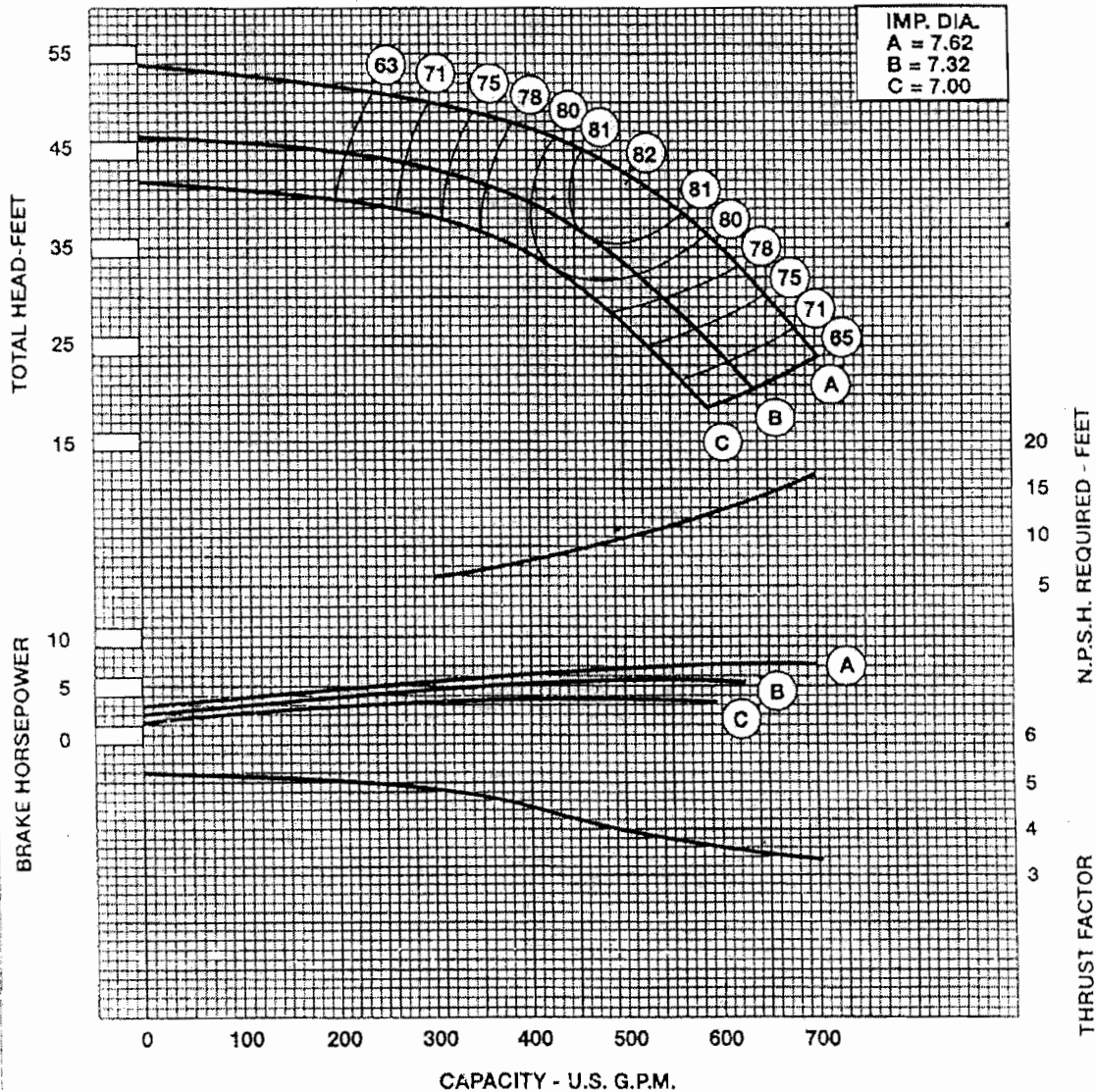
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1760 R.P.M.

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.	= 11.63	IMPELLER WT. - LBS.	= 9.8
WR. PER IMPELLER LB.-FT. ³	= 0.432	ONE STAGE WT. - LBS.	= 185
MAX. SPHERE SIZE	= —	ADD'L STAGE WT. - LBS.	= 67
MAX. NO. STD. STAGES	= 29	IMPELLER NUMBER	= —
MAX. OPERATING - P.S.I.	= 700	DISCH. - IN.	= 6.6
STD. LATERAL - IN.	= 0.56	SUCTION - IN.	= 6
STD. SHAFT DIA. - IN.	= 1.500	MAX. LATERAL - IN.	= —
MAX. SHAFT DIA. - IN.	= —	BOWL CONN. THREADED - COLLETS	= —
MIN. SUBMERGENCE - IN.	= 18	ADD 7'-7/8" PER ADDITIONAL STAGE.	= —

