

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

10A

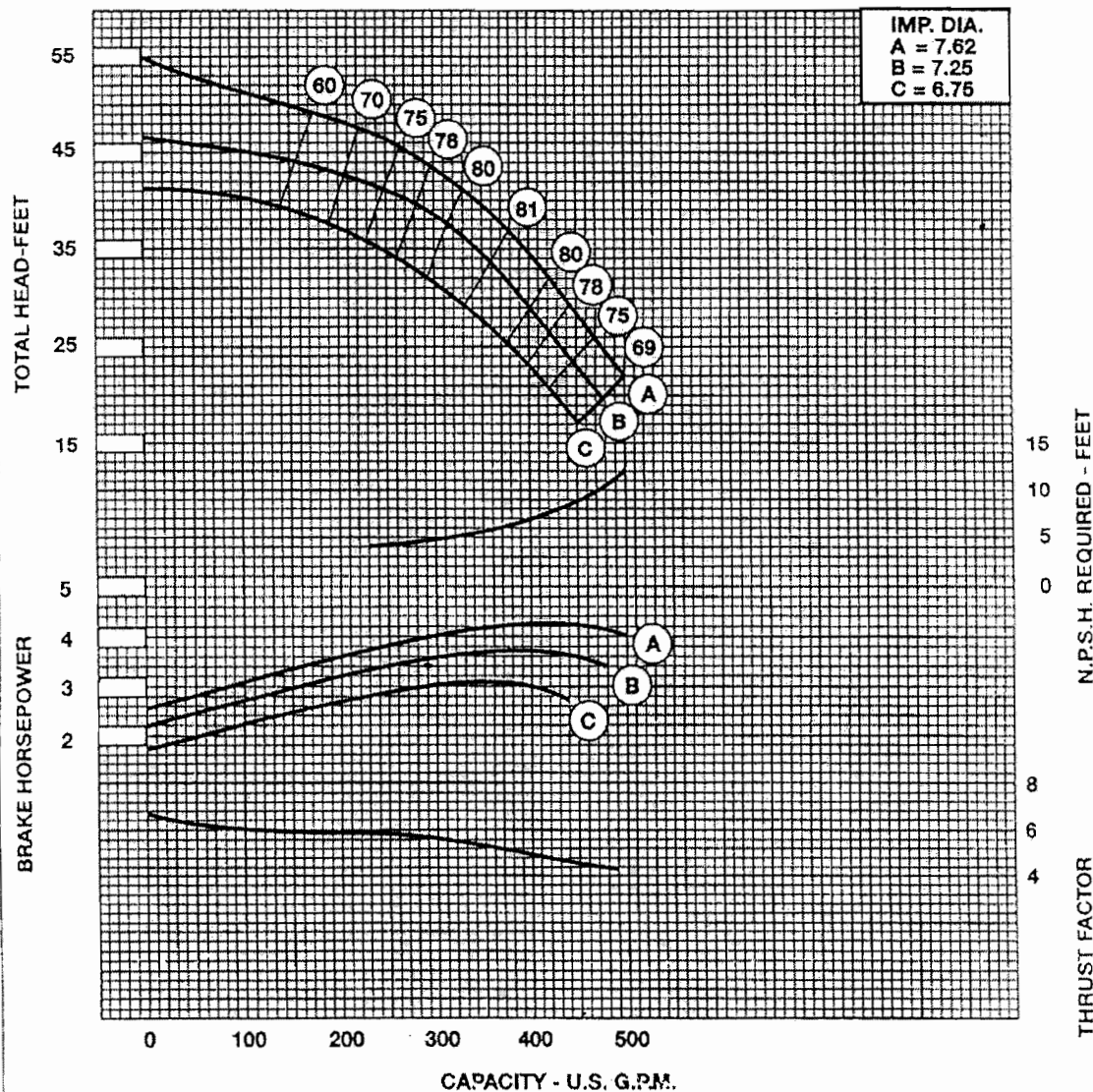
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R.P.M.

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.	10.15	IMPELLER WT. - LBS.	10.1
WT. PER IMPELLER LB.-FT. ³	0.44	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.	5, 6, 7, 8
STD. LATERAL - IN.	0.92	SUCTION - IN.	6
STD. SHAFT DIA. - IN.	1.500	MAX. LATERAL - IN.	---
MAX. SHAFT DIA. - IN.	1.687	BOWL CONN. THREADED - COLLETS	---
MIN. SUBMERGENCE - IN.	13	ADD 7 1/4" PER ADDITIONAL STAGE.	---

