



Fairbanks Morse Pump

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

121

1770

R.P.M.

SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 3 OR MORE STAGES HORSE POWER SHOWN FOR ONE STAGE BASED ON 3 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.

ONE ()
STAGE STAGES

PUMP PERFORMANCE

K = 9.4

IMP. DIA.

A = 9.188

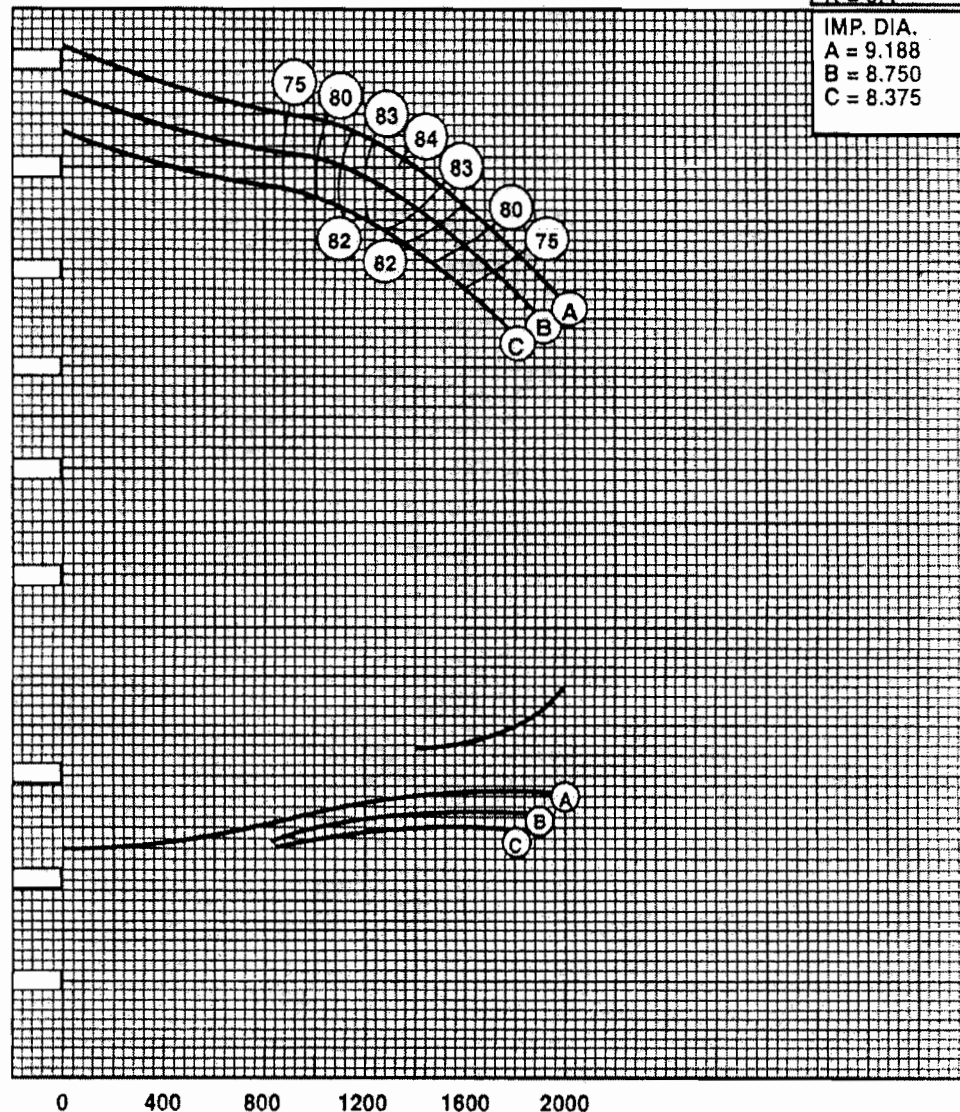
B = 8.750

C = 8.375

TOTAL HEAD- FEET

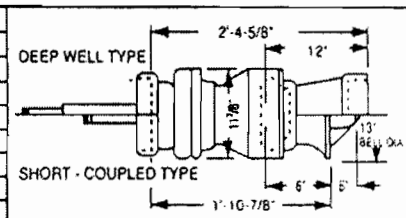
BRAKE HORSEPOWER

N.P.S.H. REQUIRED - FEET



CAPACITY - U.S. G.P.M.

EYE AREA - SQ. IN.	= 25.5	IMPELLER WT. - LBS.	= 16
WR ² PER IMPELLER LB.-FT. ²	= 1.3	ONE STAGE WT. - LBS.	= 410
MAX. NO. STD. STAGES	= 11	ADD'L STAGE WT. - LBS.	= 145
MAX. OPERATING - P.S.I.	= 400	DISCH. - IN.	= 8.10
STD. LATERAL - IN.	= 0.375	SUCTION - IN.	= 8
STD. SHAFT DIA. - IN.	= 1.938	BOWL CONN. FLANGED-COLET	
MAX. SHAFT DIA. - IN.	= —	ADD 10' PER ADDITIONAL STAGE.	
MIN. SUBMERGENCE - IN.	= 24		



Curves reflect typical performance. refer to factory for details.