



LAYNE & BOWLER, INCORPORATED
MEMPHIS 8, TENNESSEE

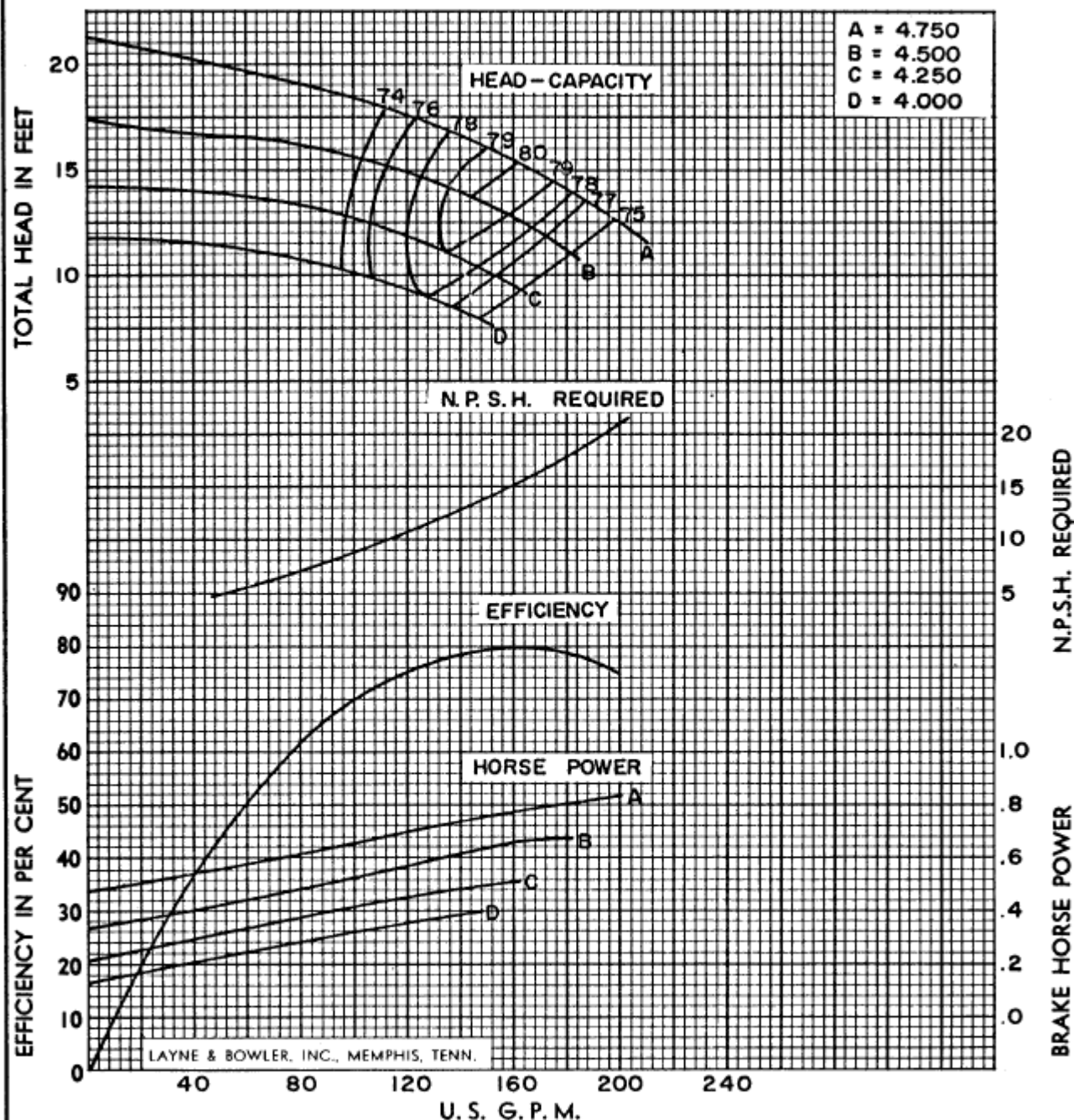
No. Stages	Eff. Change	MATERIAL	Eff. Change
1	-2	IMP.-C.I.	-1
2	-1	IMP.-C.I. ENM	0
3	-1	IMP.-NI-RI	-1
4	0	BOWL-BRZ.	-1
5	0	BOWL-C.I. ENM	0
6	0	BOWL-NI-R.	-1

7" BHC

1750 R. P. M.

SINGLE STAGE LAB HEAD AND HORSE POWER WITH STANDARD
CAST IRON BOWLS AND BRONZE IMPELLER

EFFICIENCY SHOWN FOR 6 OR MORE STAGES. HORSE
POWER SHOWN FOR ONE STAGE BASED ON 6 STAGE
EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES
AND MATERIAL.



EYE AREA - SQ. IN.	= 6.5	IMPELLER WT.-LBS.	= 4
THRUST CONSTANT	= 2.3	ONE STAGE WT.-LBS.	= 125
WR* PER IMPELLER	= .075	ADD'L STAGE WT.-LBS.	= 30
MAX. SPHERE SIZE	= .50	IMPELLER NUMBER	= 35817
MAX. NO. STD. STAGES	= 44	DISCH. SIZES	= 4, 5
MAX. OPERATING P.S.I.	= 560	SUCTION SIZE	= 4, 5
STD. LATERAL	= .437	BOWL CONN. FLANGED, COLLET	
STD. SHAFT DIA.	= 1.000		
MAX. SHAFT DIA.	= 1.187	ADD. 4 1/8" PER ADDITIONAL STAGE.	

