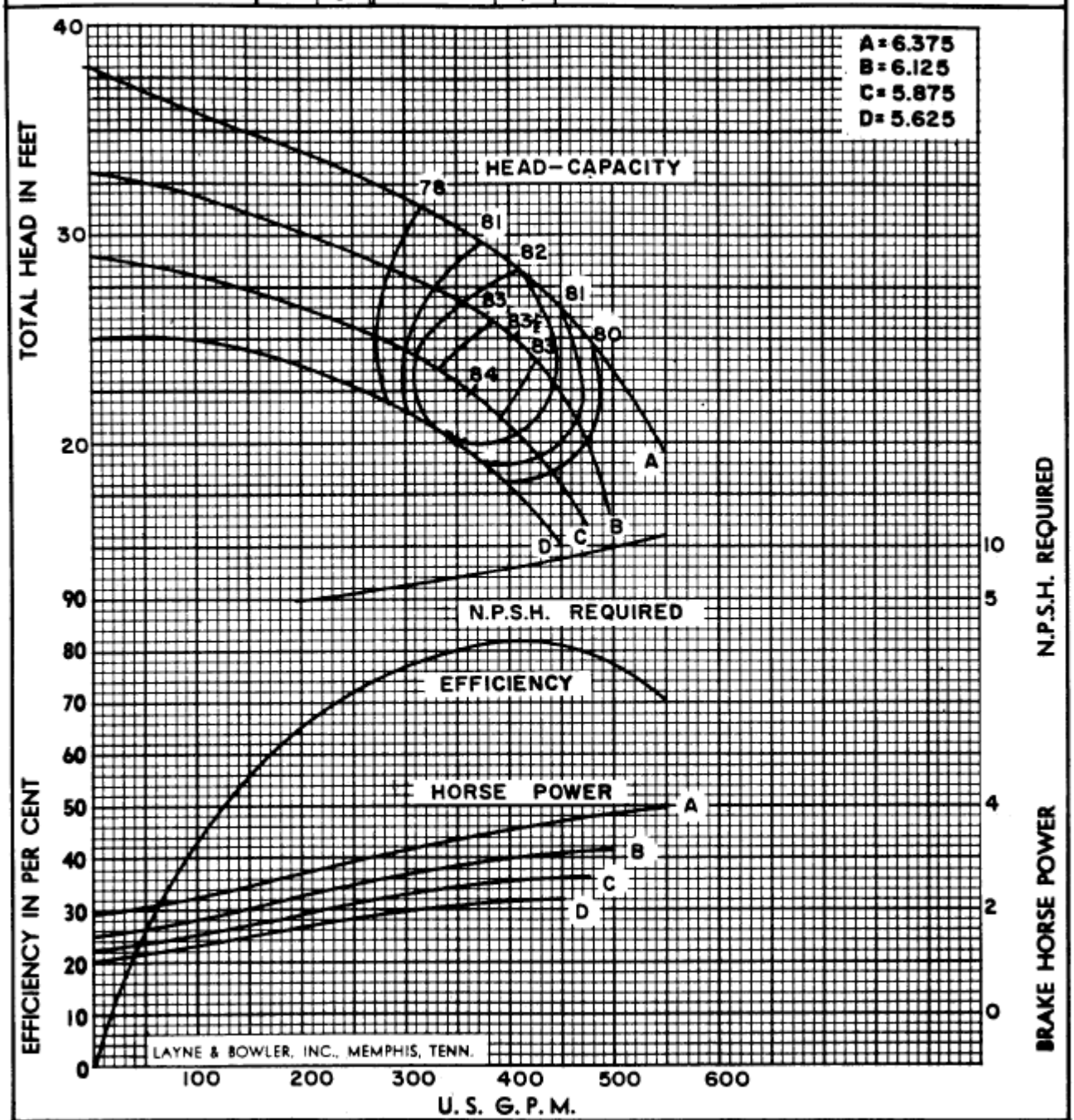
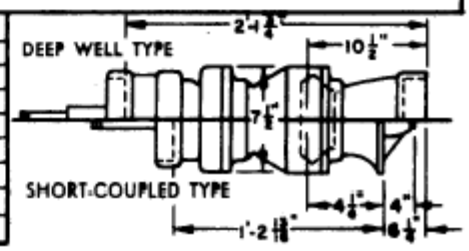
CURVE NO. PT 1812A

No. Stages	BH. Change	MATERIAL	BH. 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

8" BHC 1750 R. P. M.

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

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.



EYE AREA - SQ. IN.	= 11	IMPELLER WT.-LBS.	= 6.8
THRUST CONSTANT	= 4.3	ONE STAGE WT.-LBS.	= 150
WR² PER IMPELLER	= .25 LB.-FT.²	ADD'L STAGE WT.-LBS.	= 40
MAX. SPHERE SIZE	= .812	IMPELLER NUMBER	= 4B17
MAX. NO. STD. STAGES	= 20	DISCH. SIZES	= 6", 5"
MAX. OPERATING P.S.I.	= 700	SUCTION SIZE	= 6"
STD. LATERAL	= .312	BOWL CONN.	SCREWED, COLLET
STD. SHAFT DIA.	= 1.187		
MAX. SHAFT DIA.	= 1.50	ADD. 8" PER ADDITIONAL STAGE.