JANUARY 1, 1976
Supersedes PT1823A.2 dated 2/18/75

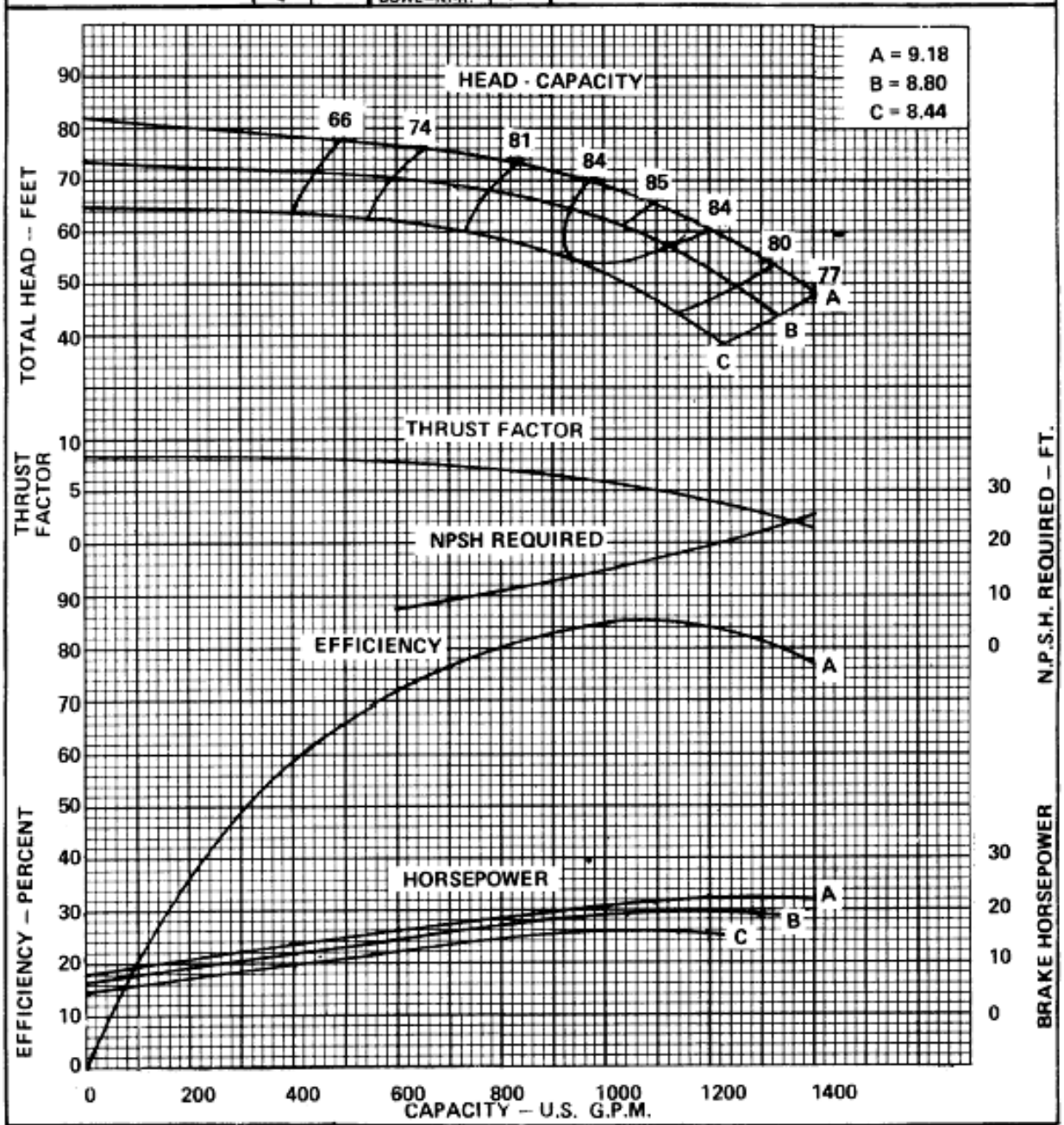
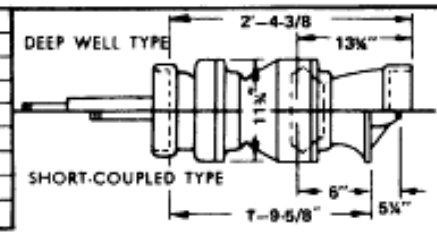
CURVE NO. 18–111

LAYNE & BOWLER, INC.
MEMPHIS, TENNESSEE

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

12RKBH 1760 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.



EYE AREA – SQ. IN	= 16.4	IMPELLER WT.-LBS.	= 15.3
THRUST CONSTANT	= ___	ONE STAGE WT.-LBS.	= 278
WR^2 PER IMPELLER	1.00 LB–FT^2	ADD'L STAGE WT.-LBS.	= 105
MAX. SPHERE SIZE	= 0.875"	IMPELLER NUMBER	= 6A17A
MAX. NO. STD. STAGES	= 15	DISCH. SIZES	= 8,10
MAX. OPERATING P.S.I.	= 580	SUCTION SIZES	= 8
STD. LATERAL	= 0.70"	BOWL CONN.	FLANGED–COLLET
STD. SHAFT DIA.	= 1.687"	MAX. LATERAL = 1.00"	
MIN. SUBMERGENCE	= 25"	ADD 9.38 " PER ADDITIONAL STAGE.