APRIL 1, 1976
Supersedes PB1237 dated Oct. 12, 1954

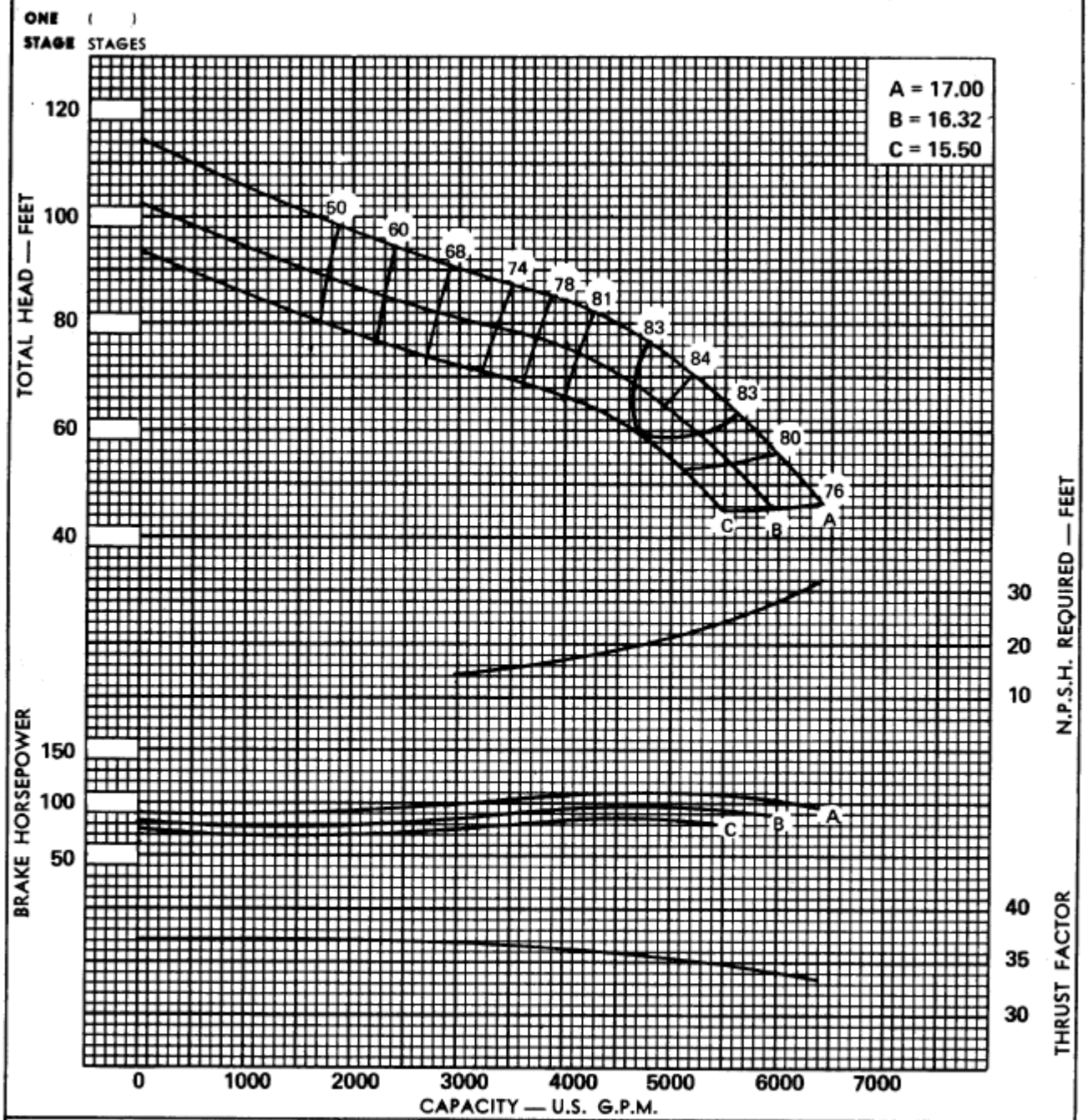
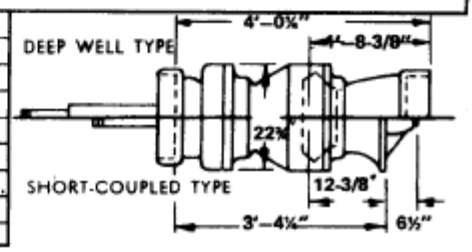
CURVE NO. 12—186

LAYNE & BOWLER, INC.
MEMPHIS, TENNESSEE

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

24 RKMC **1180** R.P.M.

SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 2 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 2 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.



EYE AREA — SQ. IN.	=	88.7	IMPELLER WT.-LBS.	=	105
WR^2 PER IMPELLER	=	22 LB.-FT.^{2}	ONE STAGE WT.-LBS.	=	1700
MAX. SPHERE SIZE	=	1.42 in.	ADD'L STAGE WT.-LBS.	=	800
MAX. NO. STD. STAGES	=	8	IMPELLER NUMBER	=	12RK15
MAX. OPERATING P.S.I.	=	430	DISCH. SIZES	=	16
STD. LATERAL	=	1.00 in.	SUCTION SIZES	=	16
STD. SHAFT DIA.	=	2.687 in.	MAX. LATERAL	=	1.26 in.
MAX. SHAFT DIA.	=	3.187 in.	BOWL CONN.		FLANGED
MIN. SUBMERGENCE	=	30 in.	ADD 18% " PER ADDITIONAL STAGE.