

CURVE data

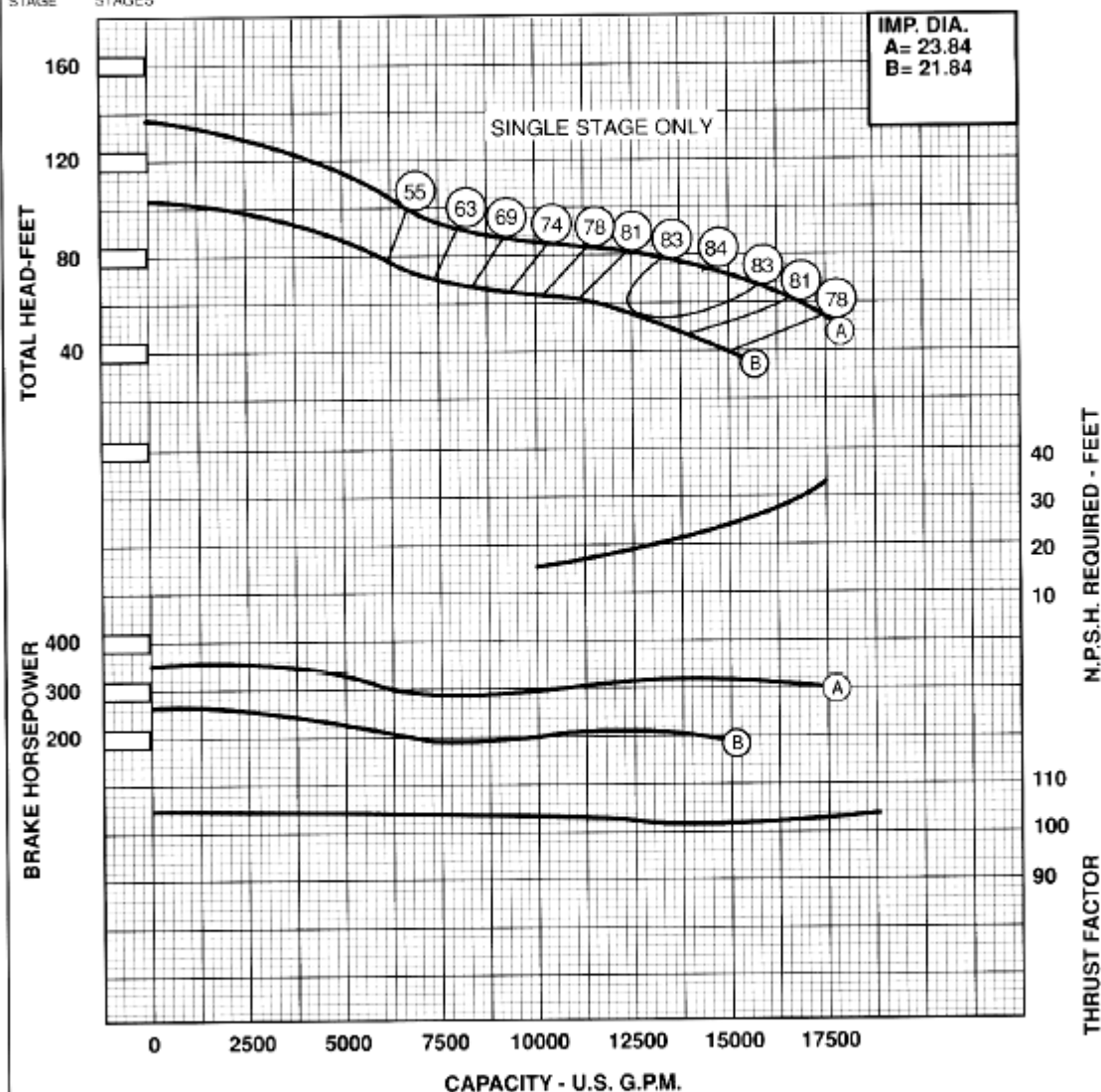
No. Stages	Eff. Change	MATERIAL	Eff. Change
1		IMP. - C.I.	
2		IMP. - NI-RI	
3		BOWL - BRZ.	
4		BOWL - NI-R.	

32 SKHC**880** R.P.M.

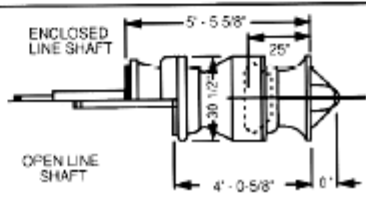
SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 1 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 1 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.

ONE
STAGE

1 | 1
STAGES

PUMP PERFORMANCE

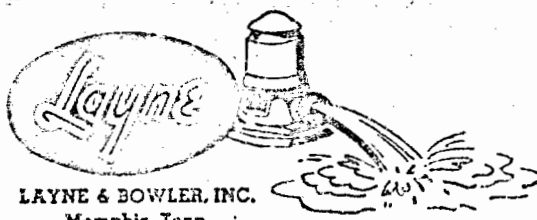
EYE AREA - SQ. IN.	= 241	IMPELLER WT. - LBS.	= 218
WP ² PER IMPELLER LB.-FT. ²	= 65 LB.-FT. ²	ONE STAGE WT. - LBS.	= 3021
MAX. SPHERE SIZE	= — IN.	ADDL STAGE WT. - LBS.	= 1109
MAX. NO. STD. STAGES	= 1	IMPELLER NUMBER	= —
MAX. OPERATING - P.S.I.	= 340	DISCH. - SIZES	= 24
STD. LATERAL - IN.	= 0.96 IN.	SUCTION - SIZES	= 24 or BELL
STD. SHAFT DIA. - IN.	= 3.187 IN.	MAX. LATERAL - IN.	= — IN.
MAX. SHAFT DIA. - IN.	= — IN.	BOWL CONN. FLANGED-KEYED	
MIN. SUBMERGENCE - IN.	= 44 IN.	ADD. 2" - 3 5/8" PER ADDITIONAL STAGE.	



Curves reflect typical performance, refer to factory for certification.

CURVE NO.

CHANGE EFFICIENCY AS FOLLOWS	NUMBER OF POINTS	FOR NUMBER OF STAGES

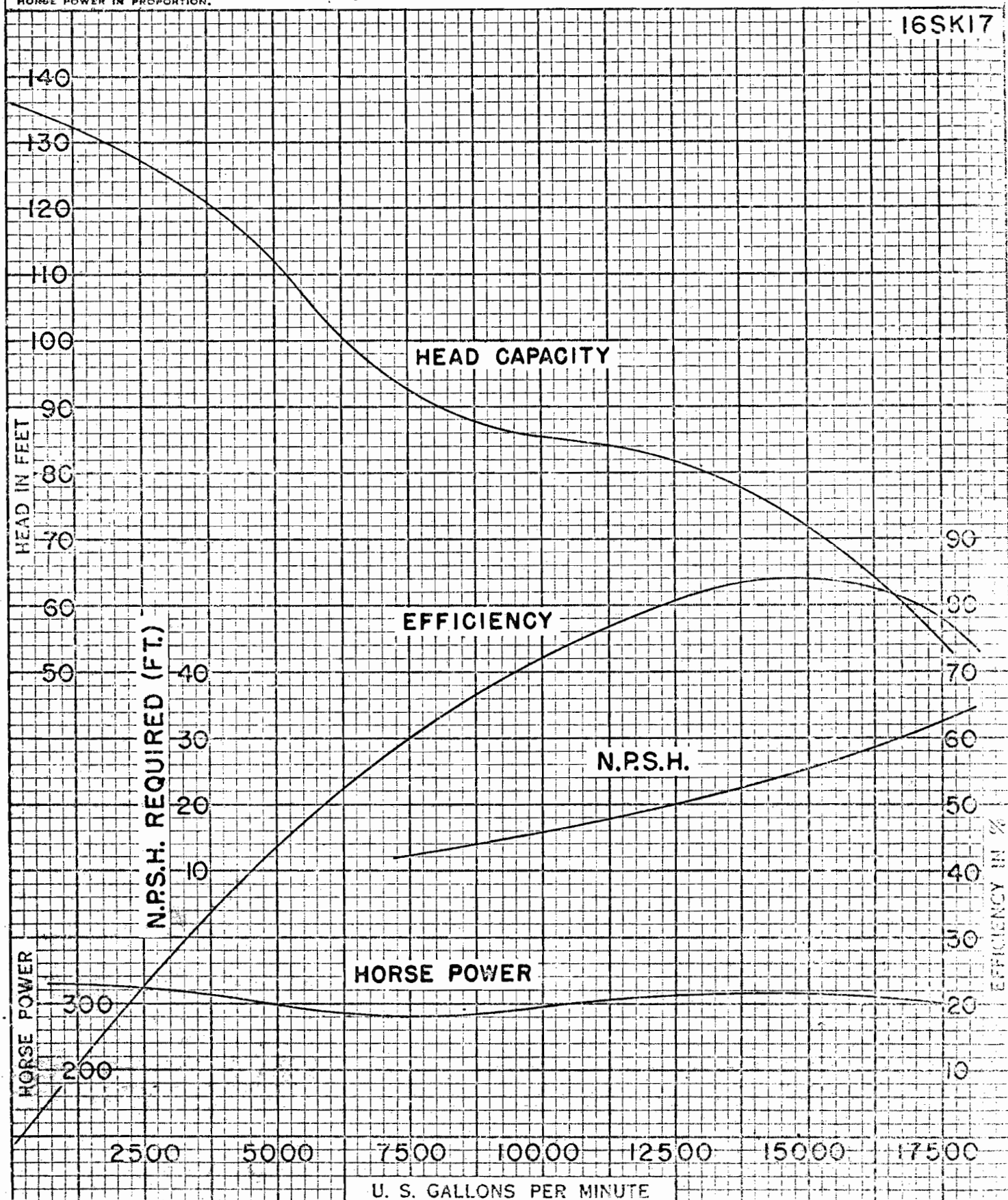


LAYNE & BOWLER, INC.
Memphis, Tenn.

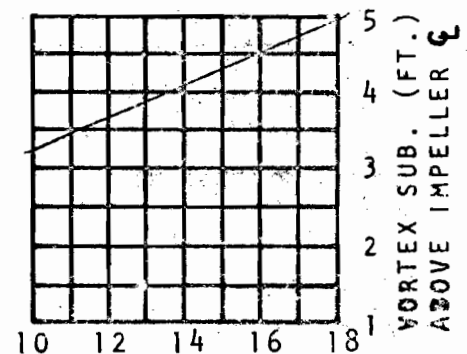
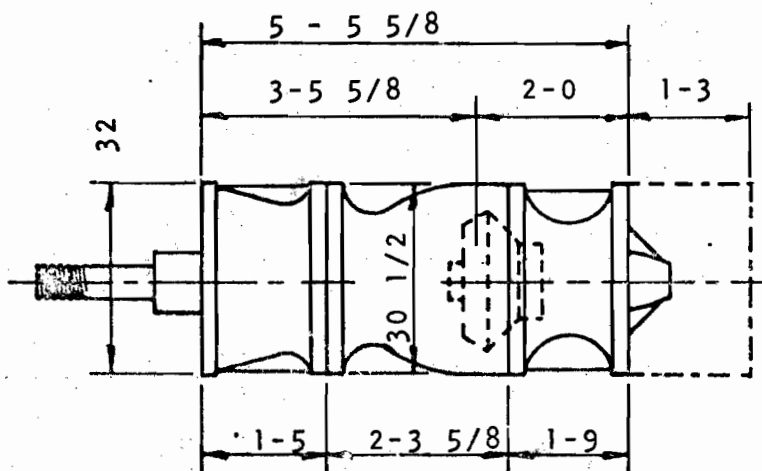
32" SKHC
880 RPM

SINGLE STAGE LABORATORY
HEAD & HORSE POWER
THRUST "K" = 104

16SK17



IMPELLER (PATTERN NO.)	<u>16SK17</u>
INTERMEDIATE (PATTERN NO.)	<u>15SK83</u>
SHAFT SIZE (INCHES)	<u>3 3/16 - 1502 HP</u>
TUBE SIZE (INCHES)	<u>5</u>
STANDARD LATERAL (INCHES)	<u>31/32</u>
DISCHARGE CONNECTION (FLANGED) (INCHES)	<u>24</u>
SUCTION CONNECTION	<u>BELL</u>
IMPELLER FULL DIAMETER (INCHES)	<u>23 27/32</u>
IMPELLER EYE AREA (INCHES SQUARED)	<u>241</u>
IMPELLER EYE DIAMETER (INCHES)	<u>18</u>
IMPELLER WEIGHT (LB)	<u>218</u>
IMPELLER WR^2 (LB FT. SQUARED)	<u>65</u>
MAXIMUM DIAMETER SOLID (INCHES)	<u>3</u>
MAXIMUM WORKING PRESSURE (PSI)	<u>352</u>
MAXIMUM HYDROSTATIC PRESSURE (PSI)	<u>469</u>
MAXIMUM PRESSURE (STANDARD STUDS) (PSI)	<u>265</u>
MAXIMUM STAGES (BOWL PRESSURE)	<u>6</u>
MAXIMUM STAGES (SHAFT)	<u>7</u>
BOWL WEIGHT (ONE STAGE) (LB) (NET)	<u>3021</u>
BOWL WEIGHT (ADDITIONAL STAGES) (LB) (NET)	<u>1408</u>



GPM X 1000