

CURVE data



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

38HOH

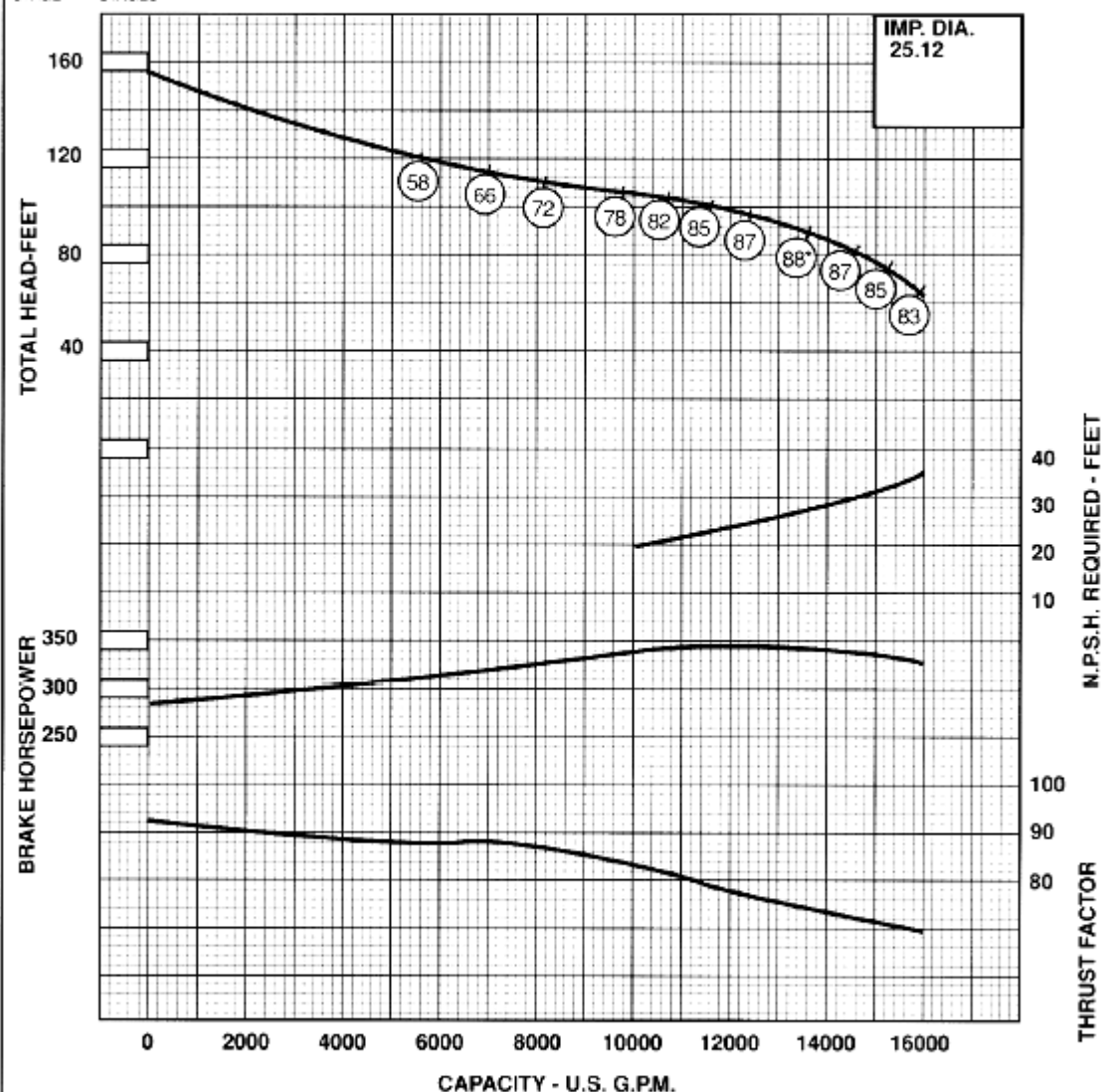
880

R.P.M.

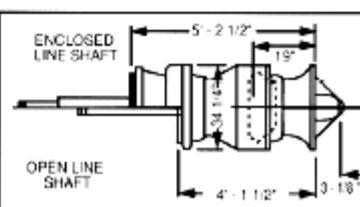
SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 1 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 1 STAGE EFFICIENCY CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.

ONE ()
STAGE STAGES

PUMP PERFORMANCE



EYE AREA - SQ. IN.	= 205	IMPELLER WT. - LBS.	= 320
WR. PER IMPELLER LB.-FT.	= 170 LB.-FT.	ONE STAGE WT. - LBS.	= 4000
MAX. SPHERE SIZE	= — IN	ADD. STAGE WT. - LBS.	= 2370
MAX. NO. STD. STAGES	= 4	IMPELLER NUMBER	= —
MAX. OPERATING - P.S.I.	= 320	DISCH. - SIZES	= 20, 24
STD. LATERAL - IN.	= 76" IN	SUCTION - SIZES	= BELL
STD. SHAFT DIA. - IN.	= 3.437 IN	MAX. LATERAL - IN.	= — IN
MAX. SHAFT DIA. - IN.	= — IN	BOWL CONN. - FLANGED-KEYED	
MIN. SUBMERGENCE - IN.	= 32 IN	ADD. 2" - 8 1/2" 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

NOTE: ANY CHANGE IN EFFICIENCY
CHANGES EITHER THE HEAD OR
HORSE POWER IN PROPORTION.

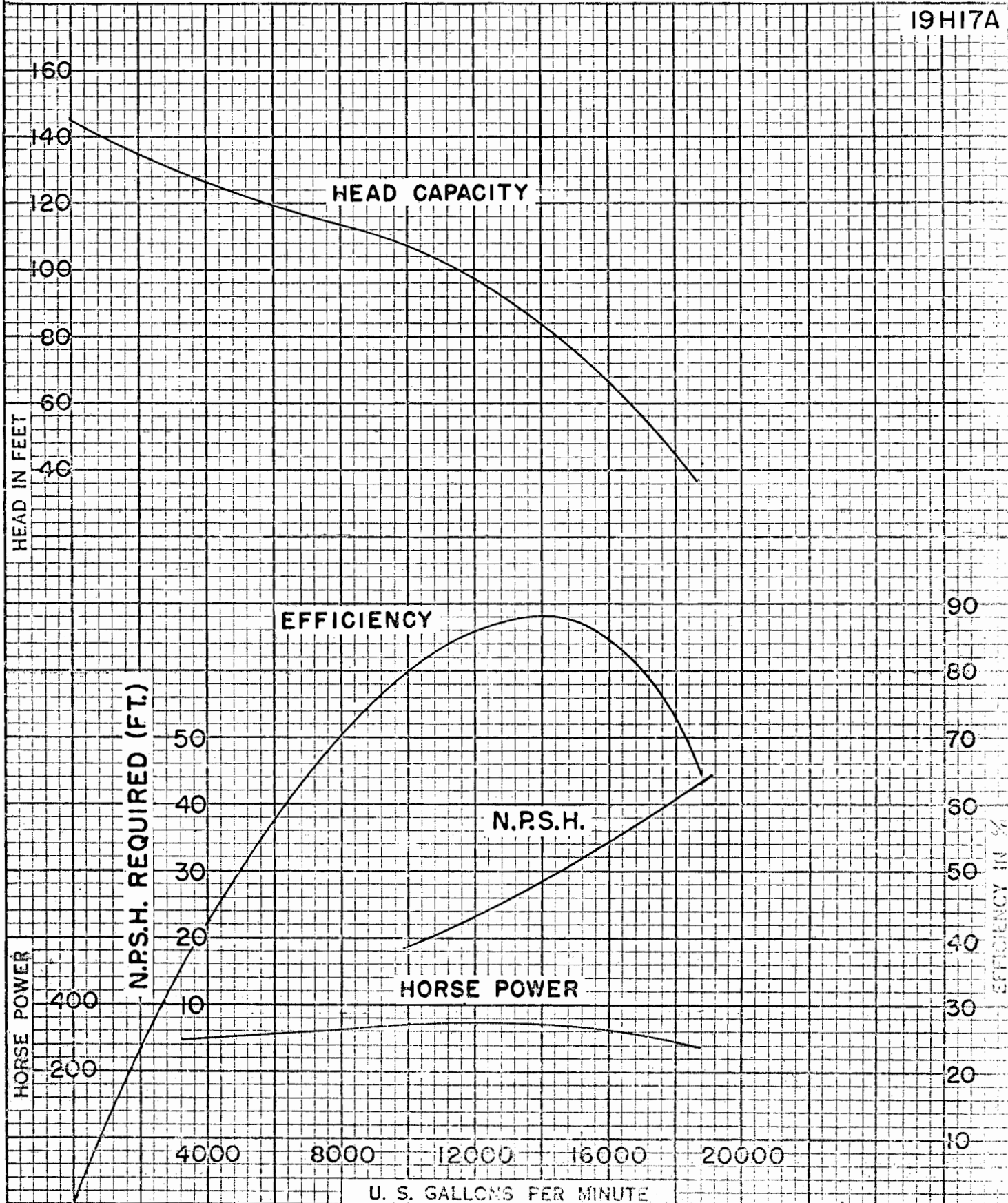


38" HOH

880 RPM

SINGLE STAGE LABORATORY
HEAD & HORSE POWER
THRUST "K" = 94

19H17A



IMPELLER (PATTERN NO.)
INTERMEDIATE (PATTERN NO.)
SHAFT SIZE (INCHES)
TUBE SIZE (INCHES)
STANDARD LATERAL (INCHES)
DISCHARGE CONNECTION (FLANGED)(INCHES)
SUCTION CONNECTION
IMPELLER FULL DIAMETER (INCHES)
IMPELLER EYE AREA (INCHES SQUARED)
IMPELLER EYE DIAMETER (INCHES)
IMPELLER WEIGHT (LB)
IMPELLER WR^2 (LB FT. SQUARED)
MAXIMUM DIAMETER SOLID (INCHES)
MAXIMUM WORKING PRESSURE (PSI)
MAXIMUM HYDROSTATIC PRESSURE (PSI)
MAXIMUM PRESSURE (STANDARD STUDS) (PSI)
MAXIMUM STAGES (BOWL PRESSURE)
MAXIMUM STAGES (SHAFT)
BOWL WEIGHT (ONE STAGE) (LB) (NET)
BOWL WEIGHT (ADDITIONAL STAGES) (LB) (NET)

19H17A

1948

3 7/16 - 1900

5

1 1/8

24

BELL

25 1/8

205

17

395

1.70

2 1/2

328

436

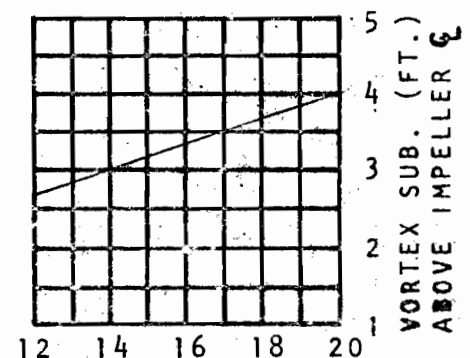
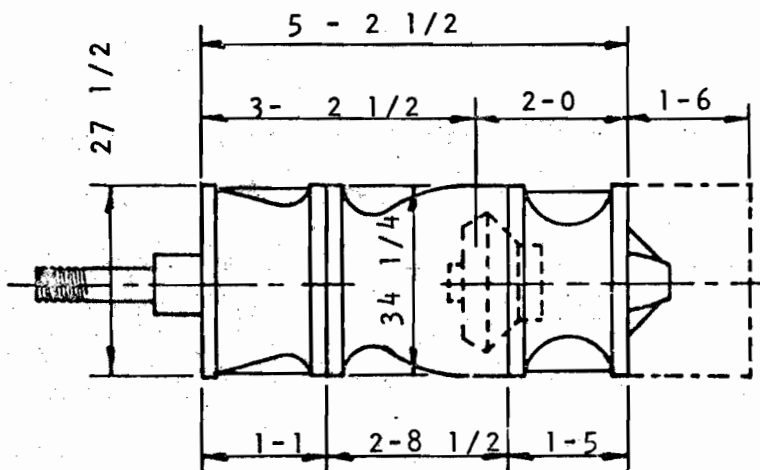
258

5

5

3901

2405



GPM X 1000