

PERFORMANCE BASED ON
PUMPING CLEAR, FRESH
NON-AERATED WATER AT
85° F. MAXIMUM.

N^{PC} NATIONAL
PUMP

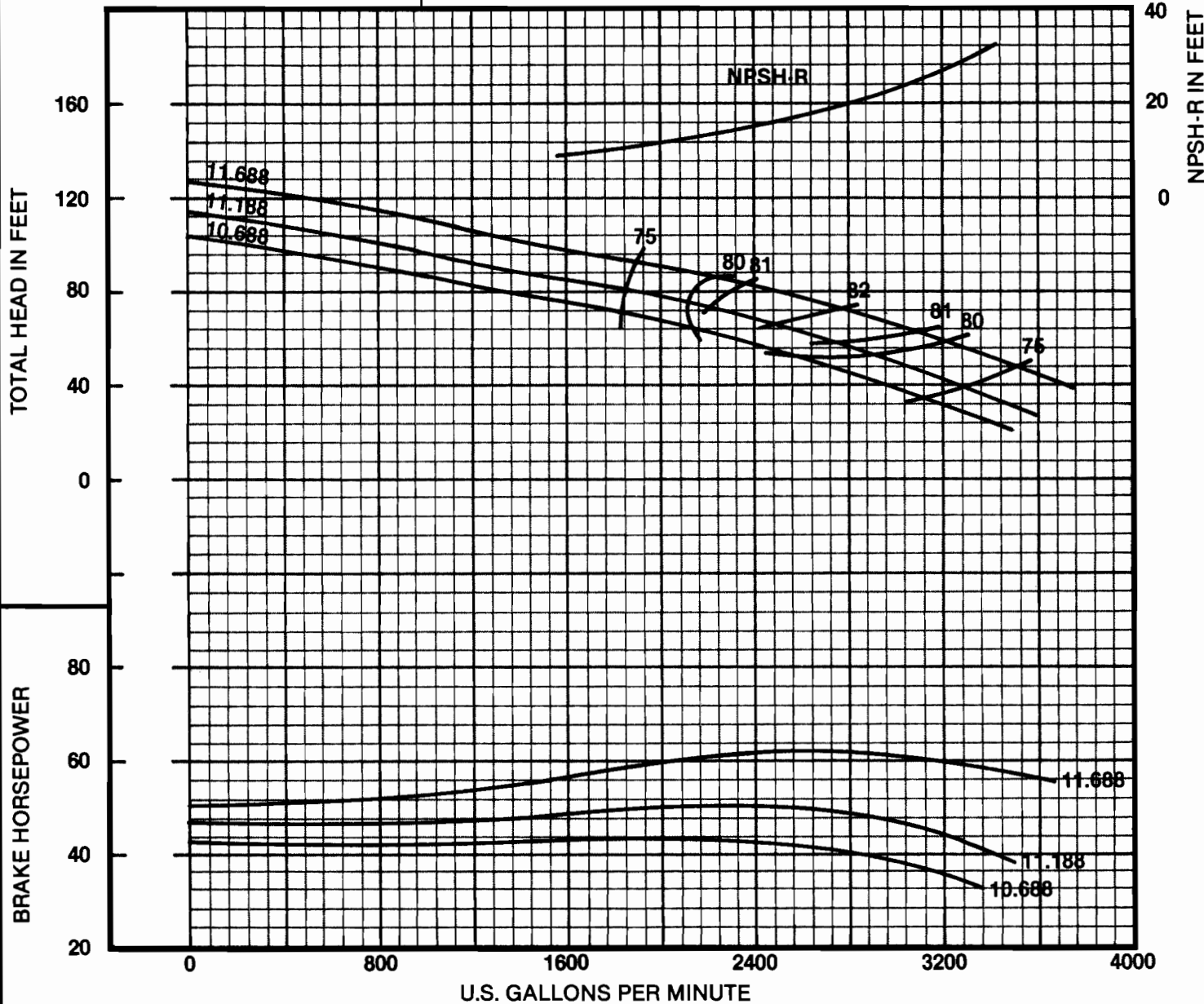
GLENDALE, ARIZONA

H14MC
1770 RPM

MARCH 1, 1983

CHANGE EFFICIENCY AS FOLLOWS	NUMBER OF STAGES	1	2	3	DESIGN:	-GPM	-TDH	-BHP	-EFF. %
	NUMBER OF POINTS	-2	-1	0	USER:				

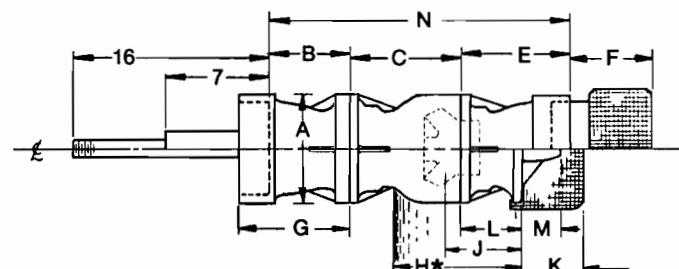
1-STG () STGS



DIMENSION IN INCHES	A	B	C ADD/STG	E	F	G	H*	J	K	L	M	N		
	14.12	6.44	14.12	12.25	11.25	9.38	25.00	8.75	12.06	7.38	2.81	32.81		

PUMP DATA

IMPELLER TYPE- ENCLOSED		BOWL CONNECTION- FLANGE			
NUMBER OF VANES-	5	DISCHARGE SIZE- 10" - 12"			
THRUST CONSTANT (K)-	20.3	SUCTION SIZE- 10"			
LATERAL-	1.25"	STD. TUBE- 3½"			
EYE AREA IN. ² -	38.96	WR ² - 4.15 LB. FT. ²			
SHAFT DIA.-	2.1875	ONE STAGE WT. LB.	540	ADD/STAGE WT. LB.	200



* THIS DIMENSION TO BE USED IN CONJUNCTION WITH NPSH
REQUIRED. PUMP INSTALLATION AND SYSTEM MUST SATISFY BOTH VALUES.

* MIN. SUBMERGENCE

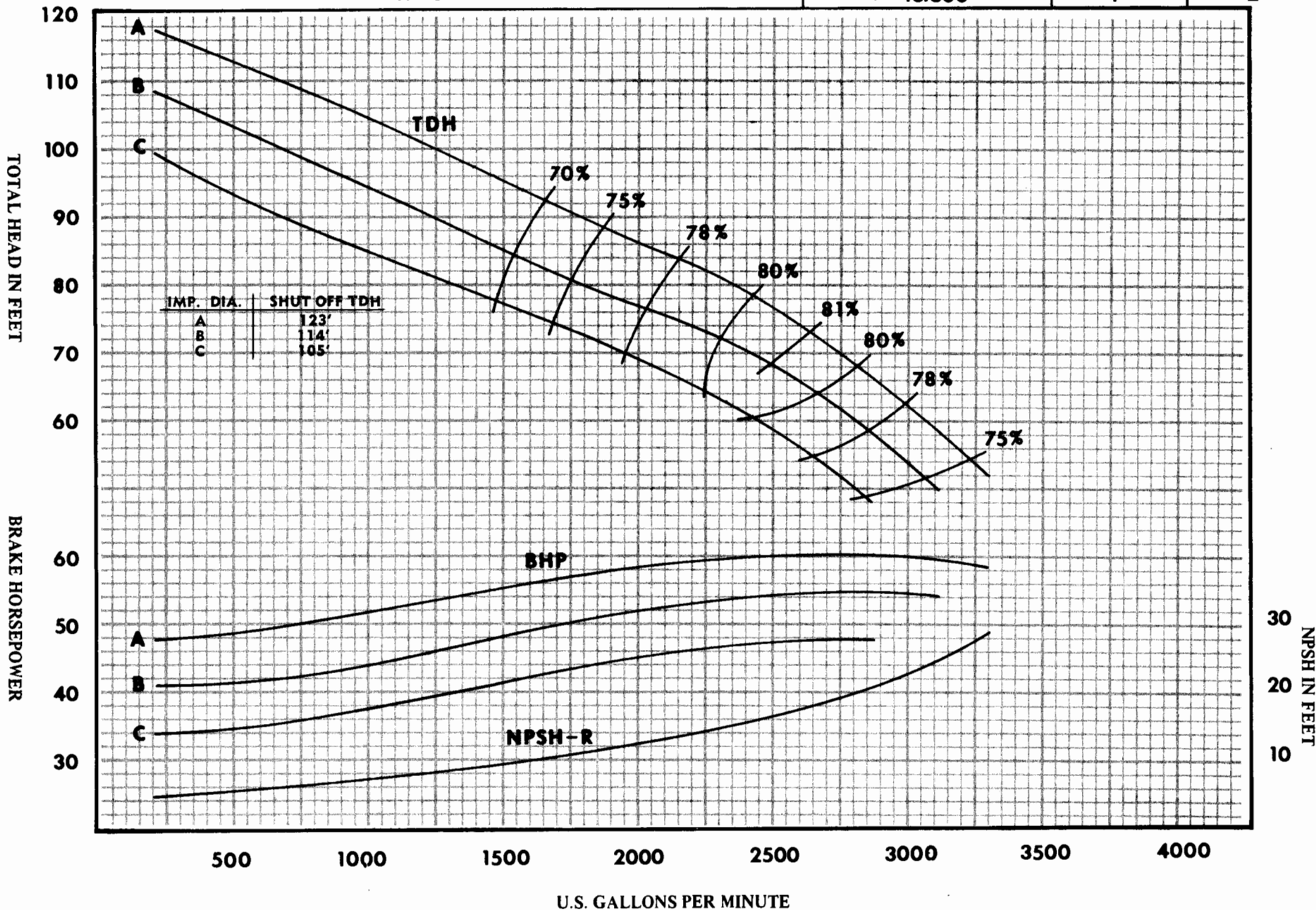
NOTE: PERFORMANCE BASED ON CAST IRON ENAMELED BOWLS AND BRONZE IMPELLERS.

H14 MC

ONE STAGE PERFORMANCE
1770 RPM

IMPELLER DIAMETER	EFFICIENCY	CHANGE
A= 11.688	NO. OF STAGES 3	NO. OF POINTS 0
B= 11.188	2	-1
C= 10.688	1	-2

PERFORMANCE BASED ON
PUMPING CLEAR, FRESH
NON-AERATED WATER AT
85 DEGREES F TEMPERATURE.



PE NATIONAL
pump
GLENDALE, ARIZONA

SECTION-C
PAGE-20
CURVE-0723

H14 MC
1770 RPM
Mar. 1978

H14 MC

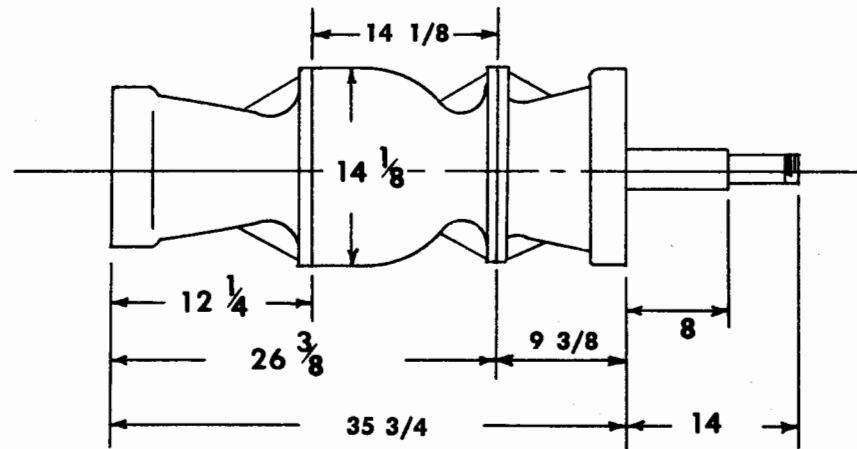
SINGLE STAGE WEIGHT:

THREADED 540 lbs.

FLANGED — lbs.

ADD'L STAGE WEIGHT:

200 lbs.



IMPELLER DATA

IMPELLER NO. 0723 . TYPE ENCLOSED . STANDARD MATERIAL BRONZE . FULL DIAMETER 11.688 .

EYE AREA 38.96 sq. in. . NO. VANES 5 . THRUST CONSTANT 20.3 . WEIGHT 33 lbs.

BOWL DATA

BOWL NO. WITH BRZ. BRG. 0703 . BOWL NO. WITH RUBBER BRG. — . TYPE BOLTED .

LATERAL 1 $\frac{1}{4}$ " . SHAFT DIA. 2 $\frac{3}{16}$ " . MAX. NO. OF STAGES 10 . SUCTION INLET 10" THR'D.

COLUMN PIPE 10"-12" THR'D.

FLANGED COLUMN - CONSULT FACTORY.