

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

N^{PC} NATIONAL
PUMP

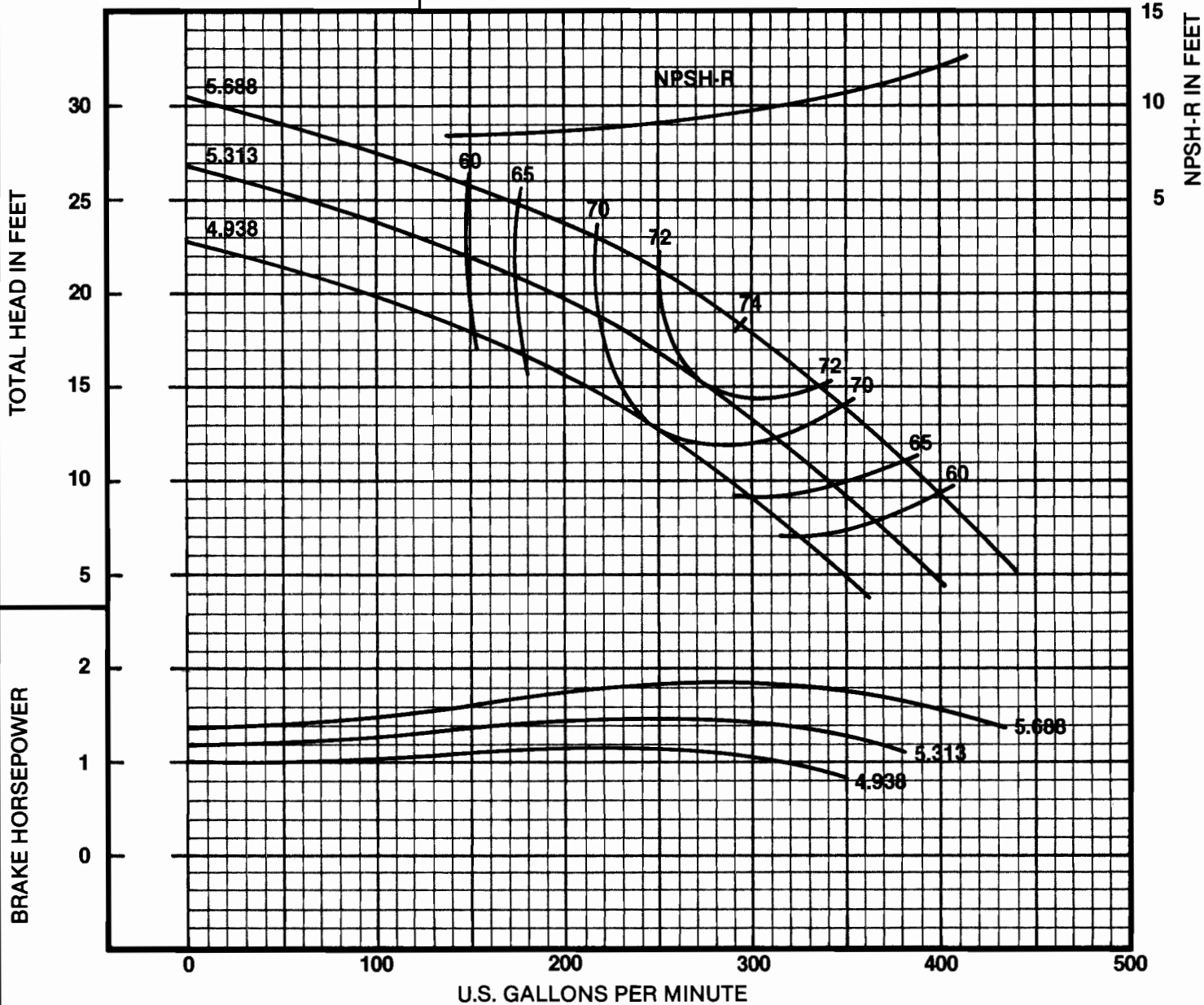
GLENDAL, ARIZONA

H7LC
1770 RPM

MARCH 1, 1983

CHANGE EFFICIENCY AS FOLLOWS	NUMBER OF STAGES	1	3	5	DESIGN:	-GPM	-TDH	-BHP	-EFF. %
	NUMBER OF POINTS	-2	-1	0	USER:				

1-STG () STGS

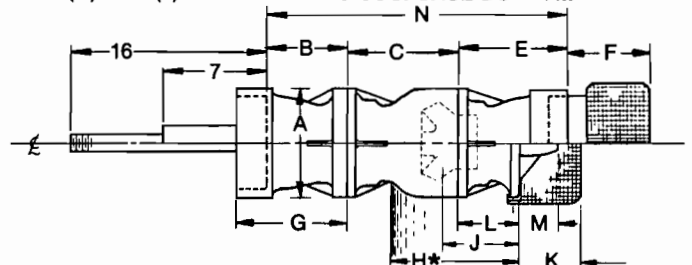


DIMENSION IN INCHES	A	B	C ADD/STG	E	F	G	H*	J	K	L	M	N		
	7.00	5.50	6.75	8.25	6.56	7.44	16.50	8.75	N/A	N/A	N/A	20.50		

PUMP DATA

IMPELLER TYPE- ENCLOSED		BOWL CONNECTION- FLANGE			
NUMBER OF VANES-	5	DISCHARGE SIZE- 5" - 6"			
THRUST CONSTANT (K)-	4.2	SUCTION SIZE- 5"			
LATERAL-	.75"	STD. TUBE- 2"			
EYE AREA IN. ² -	9.09	WR ² - .22 LB. FT. ²			
SHAFT DIA.-	1.25	ONE STAGE WT. LB.	95	ADD/STAGE WT. LB.	35

▲ (H) AND (J) REFERENCE TO SUC. CASE BOTTOM



* MIN. SUBMERGENCE

* THIS DIMENSION TO BE USED IN CONJUNCTION WITH NPSH
REQUIRED. PUMP INSTALLATION AND SYSTEM MUST SATISFY BOTH VALUES.
NOTE: PERFORMANCE BASED ON CAST IRON ENAMELED BOWLS AND BRONZE IMPELLERS.

H7 LC

ONE STAGE PERFORMANCE
1770 RPM

IMPELLER DIAMETER

A= 5.688
B= 5.313
C= 4.938

EFFICIENCY

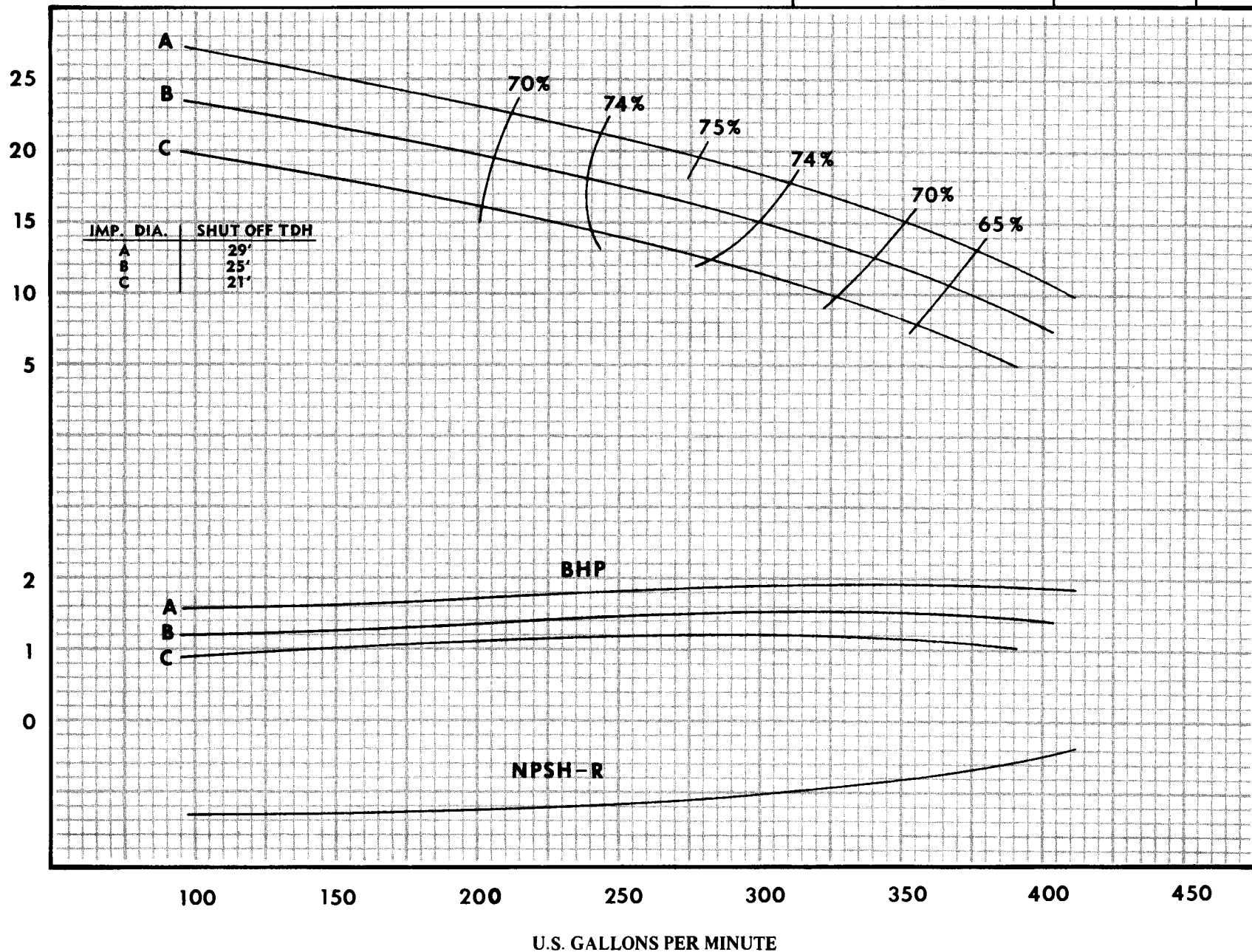
NO. OF STAGES
5
3
1

CHANGE

NO. OF POINTS
0
-1
-2

TOTAL HEAD IN FEET

BRAKE HORSEPOWER



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85 DEGREES F TEMPERATURE.

PC NATIONAL
PUMP
GLENDALE, ARIZONA

SECTION—C
PAGE—1
CURVE—0124

H7 LC
1770 RPM
Mar. 1978

NPSH IN FEET
15
10

H7LC

N^{PC} NATIONAL
PUMP

GLENDAL, ARIZONA

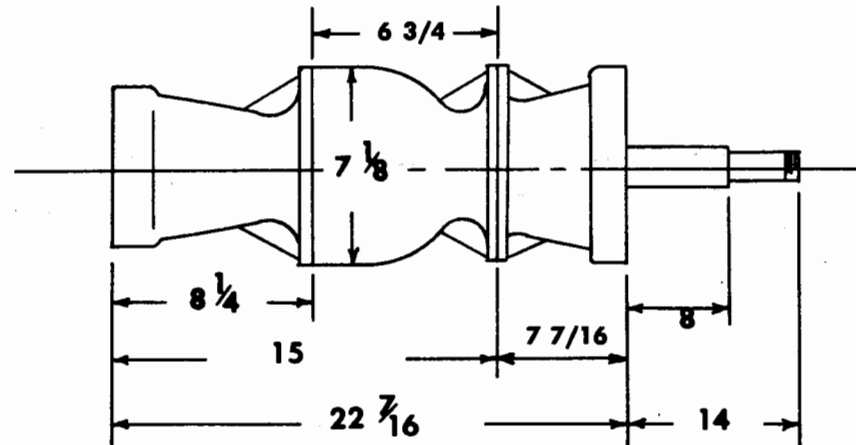
SINGLE STAGE WEIGHT:

THREADED 105 lbs.

FLANGED 112 lbs.

ADD'L STAGE WEIGHT:

36 lbs.



IMPELLER DATA

IMPELLER NO. 0124 . TYPE ENCLOSED STANDARD MATERIAL BRONZE . FULL DIAMETER 5.688 .
EYE AREA 9.09 sq. in. NO. VANES 5 . THRUST CONSTANT 4.2 . WEIGHT 8 lbs.

BOWL DATA

BOWL NO. WITH BRZ. BRG. 0103 . BOWL NO. WITH RUBBER BRG. 0105 . TYPE BOLTED .
LATERAL 3/4" . SHAFT DIA. 1 1/4" . MAX. NO. OF STAGES 29 . SUCTION INLET 5" THR'D.
COLUMN PIPE 5"-6" THR'D.
FLANGED COLUMN - CONSULT FACTORY.