

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



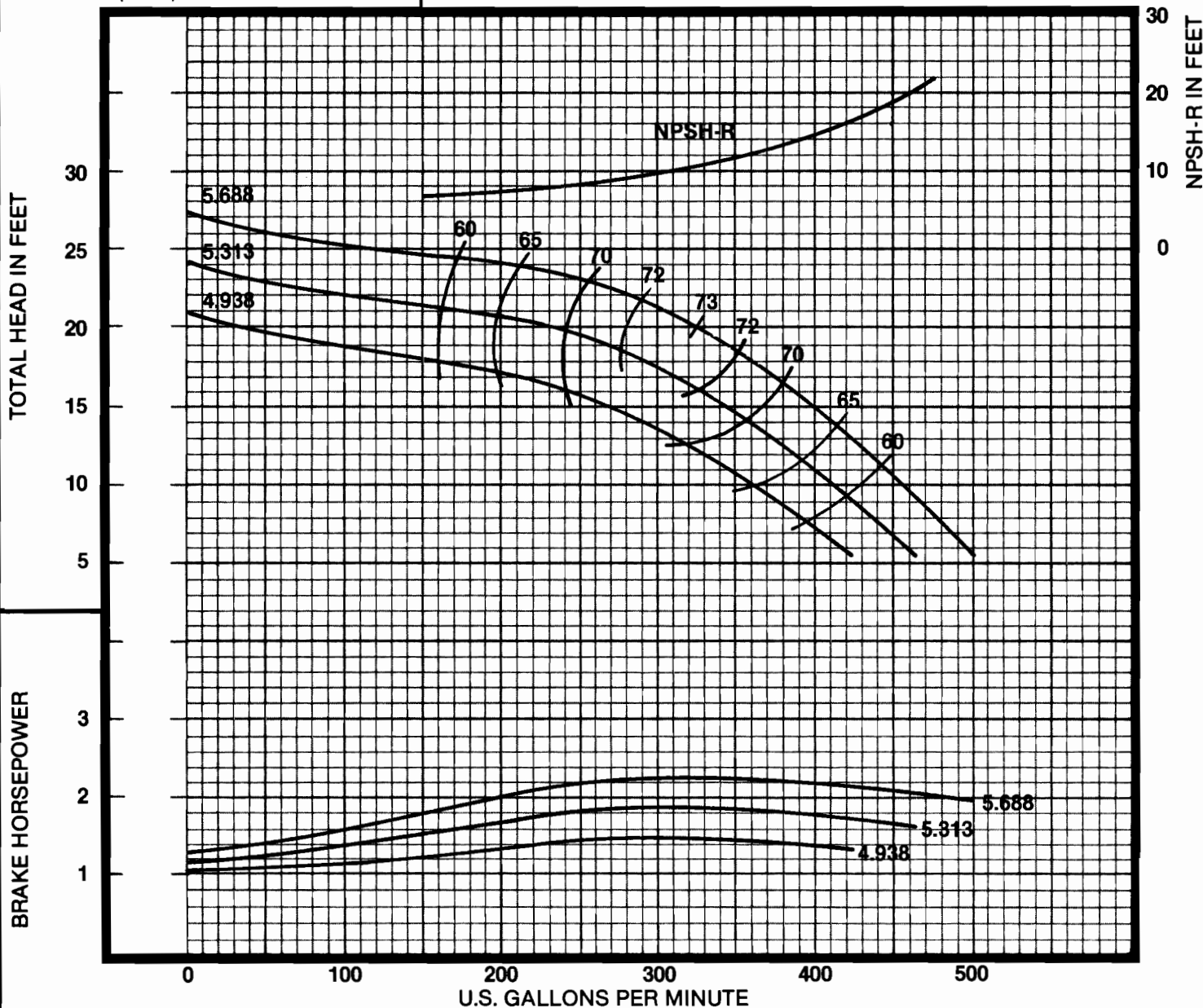
GLENDALE, ARIZONA

H7HC
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

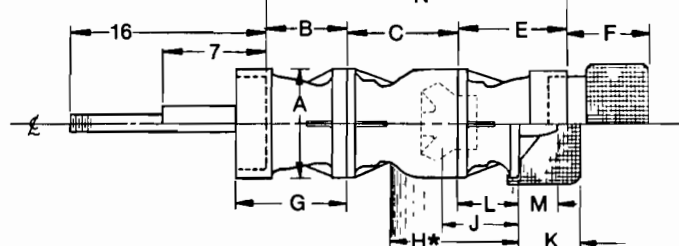


DIMENSION IN INCHES	A	B	C ADD/STG	E	F	G	H*	J	K	L	M	N		
	7.00	5.50	6.75	8.25	6.56	7.44	16.50	8.75	N/A	N/A	N/A	20.50		

PUMP DATA

IMPELLER TYPE- ENCLOSED		BOWL CONNECTION- FLANGE	
NUMBER OF VANES-	7	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 -	.25 LB. FT. ²
SHAFT DIA.-	1.25	ONE STAGE WT. LB.	95 ADD/STAGE WT. LB. 35

▲ (H) AND (J) REFERENCE TO SVC. 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 HC

ONE STAGE PERFORMANCE

1770 RPM

IMPELLER DIAMETER

A= 5.688
B= 5.313
C= 4.938

EFFICIENCY

NO. OF STAGES
5
3
1

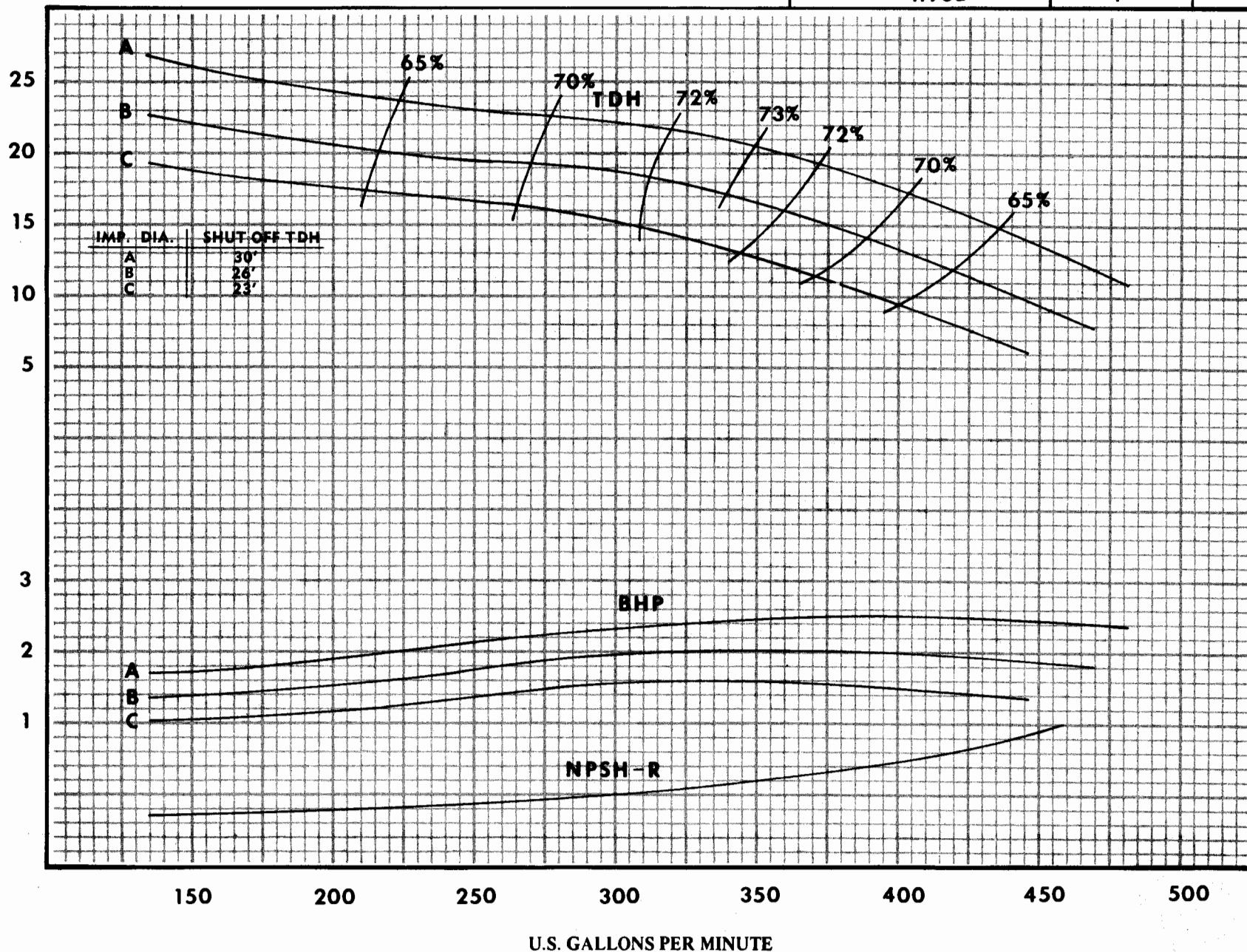
CHANGE

NO. OF POINTS
0
-1
-2

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

TOTAL HEAD IN FEET

BRAKE HORSEPOWER



PC NATIONAL
NP PUMP
GLENDALE, ARIZONA

SECTION—C
PAGE—2
CURVE—0122

H7 HC
1770 RPM
Mar. 1978

H7 HC

PC NATIONAL
N pump

GLENDAL, ARIZONA

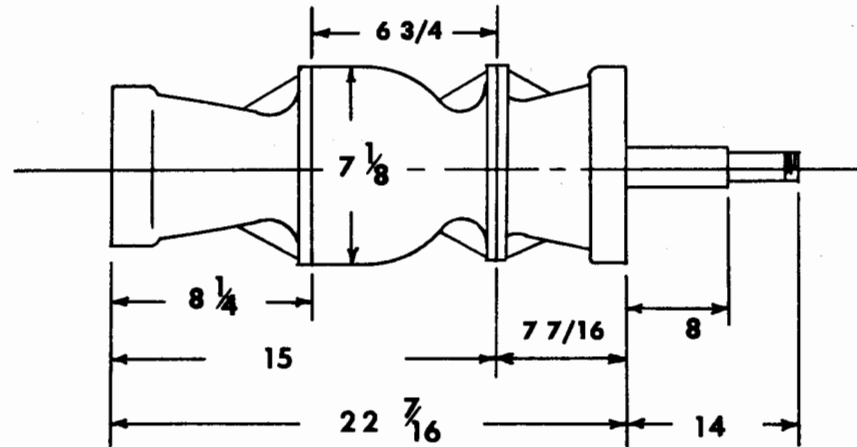
SINGLE STAGE WEIGHT:

THREADED 105 lbs.

FLANGED 112 lbs.

ADD'L STAGE WEIGHT:

36 lbs.



IMPELLER DATA

IMPELLER NO. 0122 . TYPE ENCLOSED . STANDARD MATERIAL BRONZE . FULL DIAMETER 5.688 .
EYE AREA 9.09 sq. in. . NO. VANES 7 . THRUST CONSTANT 4.2 . WEIGHT 9 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.