

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



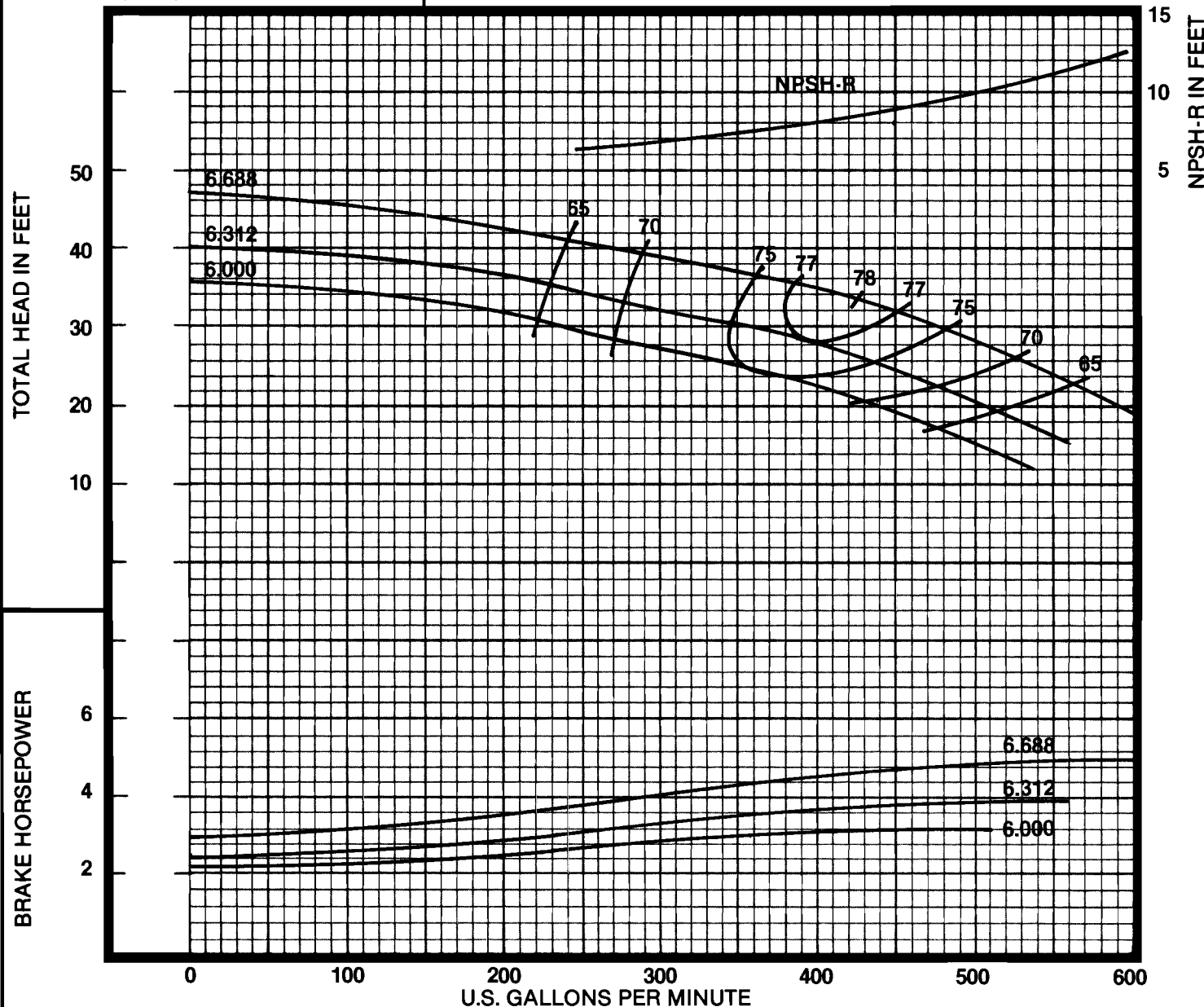
GLENDALE, ARIZONA

M8XHC
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:				

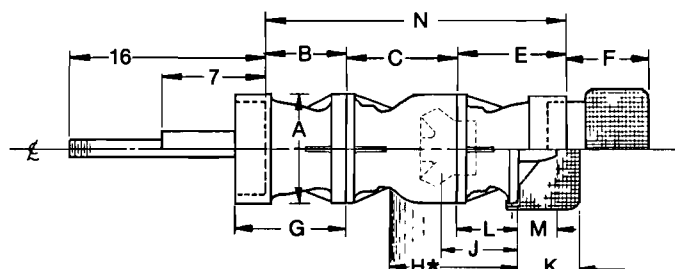
1-STG () STGS



DIMENSION IN INCHES	A	B	C ADD/STG	E	F	G	H*	J	K	L	M	N		
	8.12	5.50	7.25	8.12	6.56	7.44	15.00	6.50	6.12	5.62	2.50	20.87		

PUMP DATA

IMPELLER TYPE- ENCLOSED		BOWL CONNECTION- FLANGE	
NUMBER OF VANES-	6	DISCHARGE SIZE- 5" - 6"	
THRUST CONSTANT (K)-	4.9	SUCTION SIZE- 5"	
LATERAL-	.62"	STD. TUBE- 2"	
EYE AREA IN. ² -	10.7	WR ² - .32 LB. FT. ²	
SHAFT DIA.-	1.25	ONE STAGE 102	ADD/STAGE 40
		WT. LB.	WT. LB.



* 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.

M8XHC

ONE STAGE PERFORMANCE

1770 RPM

IMPELLER DIAMETER

A= 6.688
B= 6.312
C= 6.000

EFFICIENCY

NO. OF STAGES
5
3
1

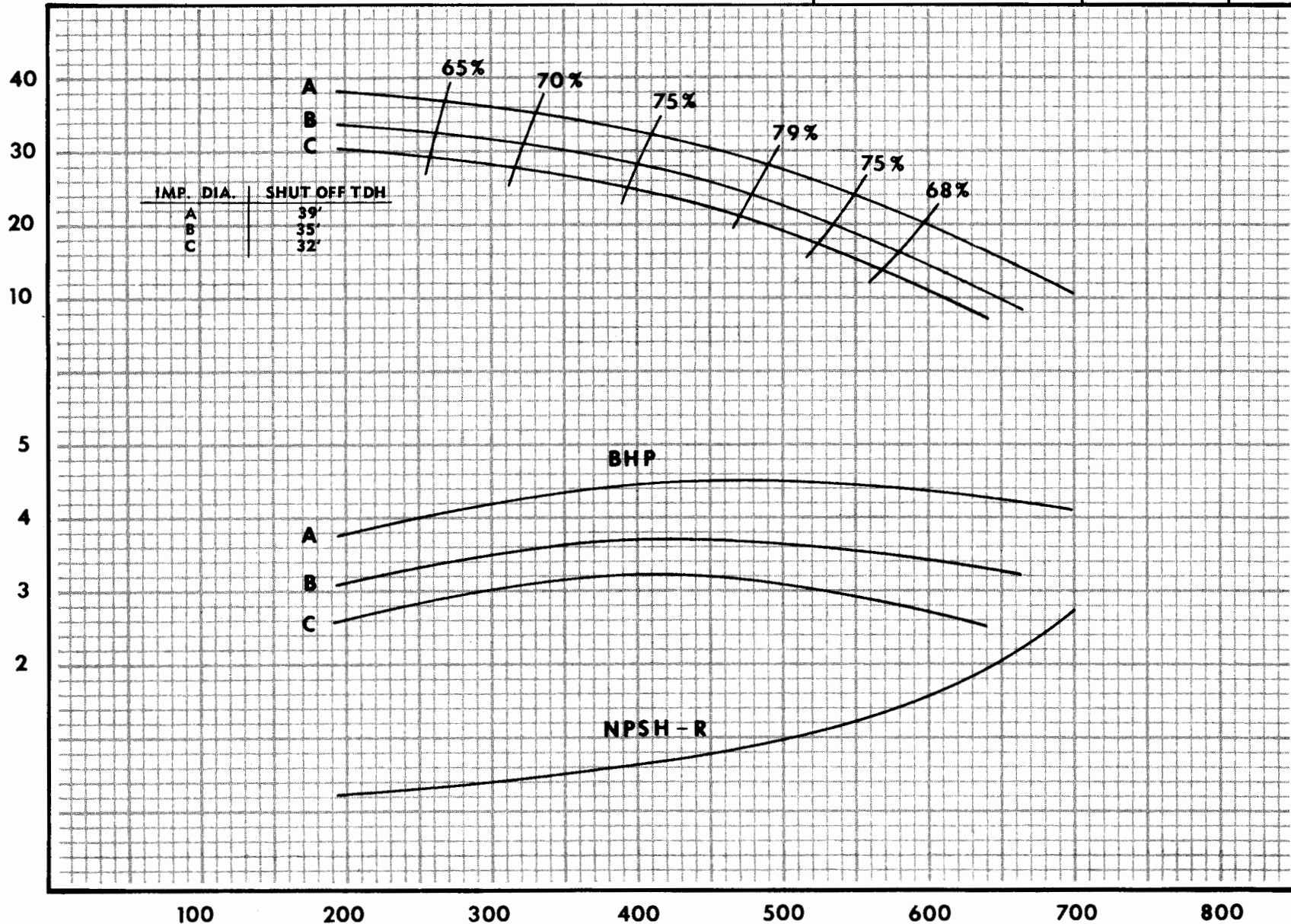
CHANGE

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



NPC NATIONAL
PUMP

GLENDALE, ARIZONA

SECTION—C
PAGE—6
CURVE—0221

M8XHC
1770 RPM
May 1978

M8 XHC



GLENDAL, ARIZONA

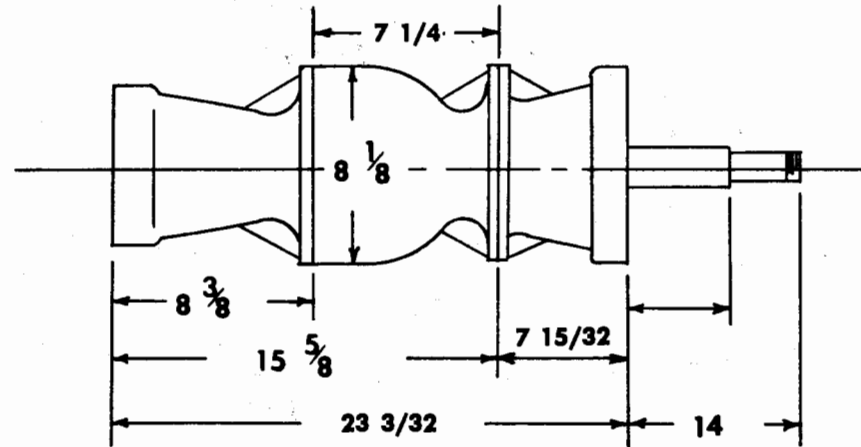
SINGLE STAGE WEIGHT:

THREADED 123 lbs.

FLANGED 130 lbs.

ADD'L STAGE WEIGHT:

44 lbs.



IMPELLER DATA

IMPELLER NO. 0221 . TYPE ENCLOSED . STANDARD MATERIAL BRONZE . FULL DIAMETER 6.688 .
EYE AREA 10.7 sq. in. NO. VANES 6 . THRUST CONSTANT 4.9 . WEIGHT 8 lbs.

BOWL DATA

BOWL NO. WITH BRZ. BRG. 0203 . BOWL NO. WITH RUBBER BRG. 0205 . TYPE BOLTED .
LATERAL 5/8" . SHAFT DIA. 1 1/4" . MAX. NO. OF STAGES 21 . SUCTION INLET 5" THR'D.
COLUMN PIPE 5"-6" THR'D.
COLUMN PIPE 6" FLANGED.