

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



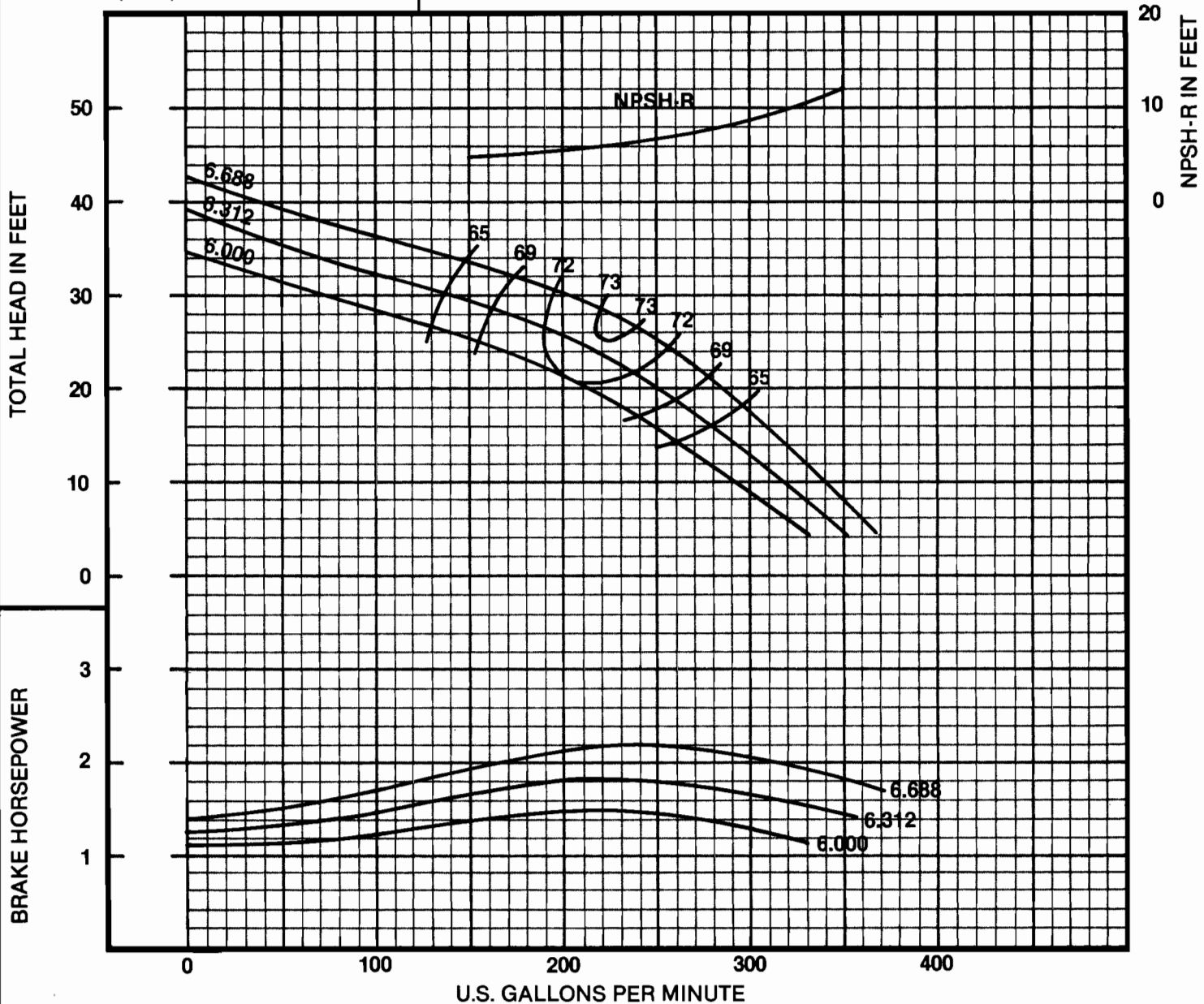
GLENDALE, ARIZONA

M8XLC
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:				

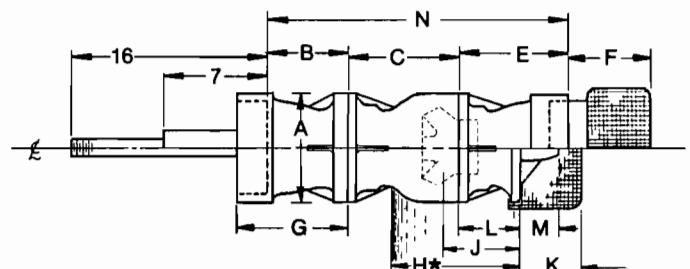
1-STG () STGS



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	14.50	6.00	6.12	5.62	2.50	20.87		

PUMP DATA

IMPELLER TYPE- ENCLOSED	BOWL CONNECTION- FLANGE		
NUMBER OF VANES- 4	DISCHARGE SIZE- 5" - 6"		
THRUST CONSTANT (K)- 4.0	SUCTION SIZE- 5"		
LATERAL- .75"	STD. TUBE- 2"		
EYE AREA IN. ² - 7.72	WR ² - .32 LB. FT. ²		
SHAFT DIA.- 1.25	ONE STAGE WT. L.B. 102	ADD/STAGE WT. L.B. 40	



*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.

M8XLC

ONE STAGE PERFORMANCE
1770 RPM

IMPELLER DIAMETER

A= 6.688
B= 6.375
C= 6.000

EFFICIENCY

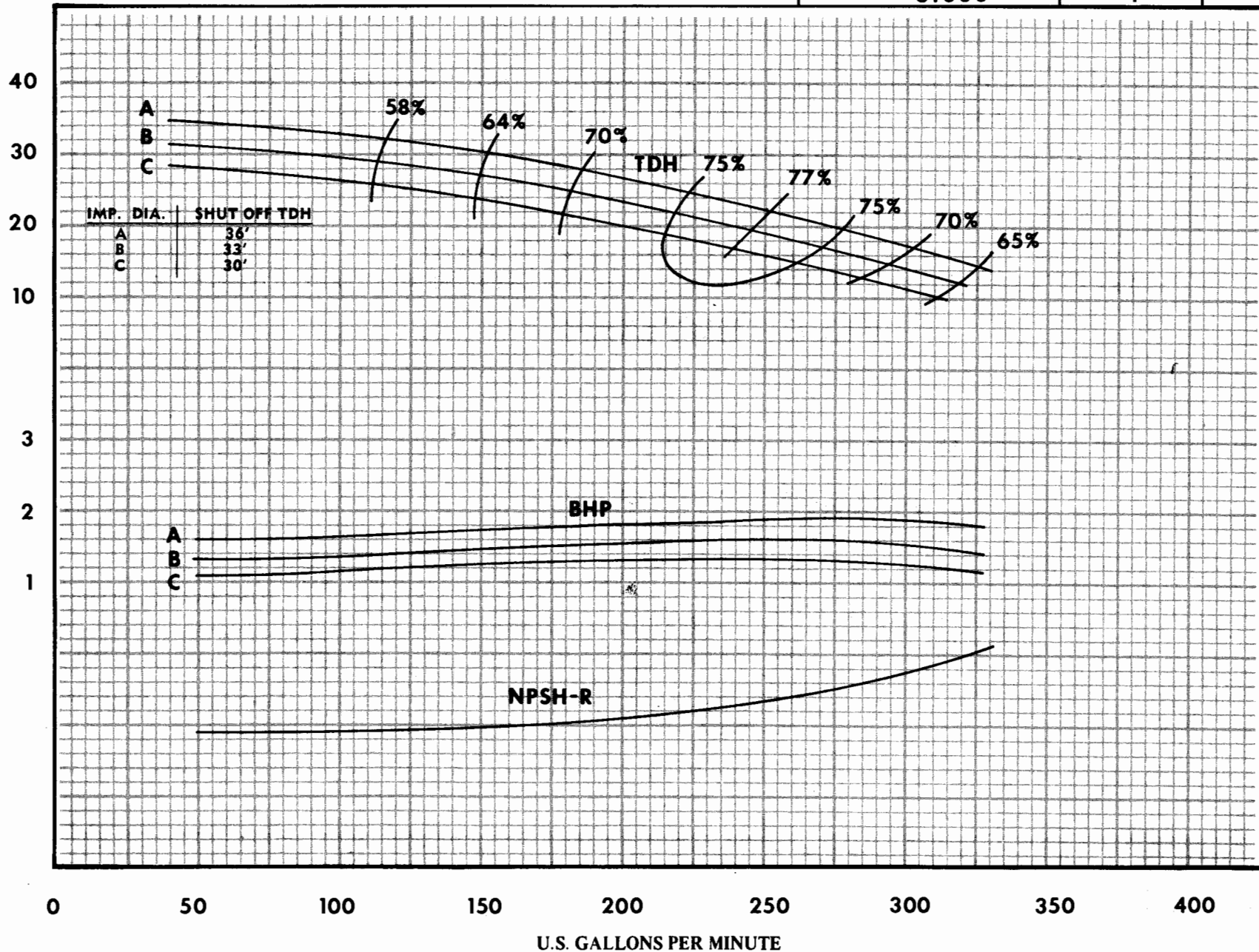
NO. OF STAGES
6
3
1

CHANGE

NO. OF POINTS
0
-1
-2

TOTAL HEAD IN FEET

BRAKE HORSEPOWER



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

PC NATIONAL
PUMP
GLENDALE, ARIZONA

SECTION—C
PAGE—3
CURVE—0224

M8XLC
1770 RPM
OCT, 1977

M8XLC

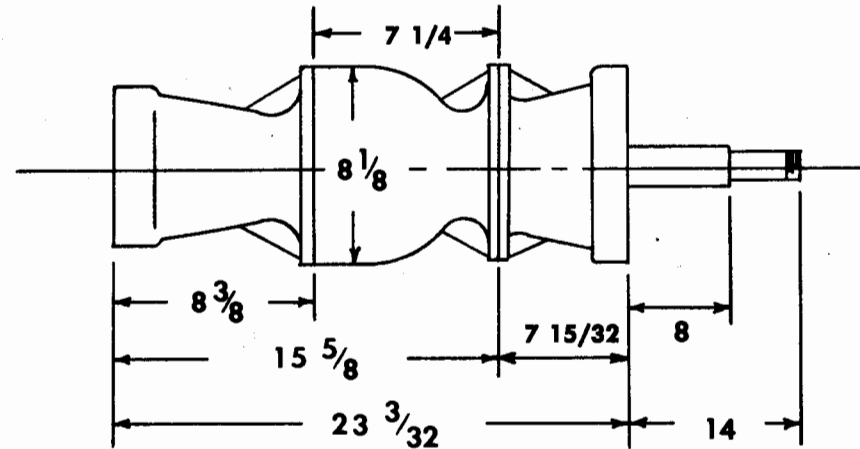
SINGLE STAGE WEIGHT:

THREADED 123 lbs.

FLANGED 130 lbs.

ADD'L STAGE WEIGHT:

44 lbs.



IMPELLER DATA

IMPELLER NO. 0224 . TYPE ENCLOSED . STANDARD MATERIAL BRONZE . FULL DIAMETER 6.688 .
EYE AREA 7.72 sq. in. NO. VANES 4 . THRUST CONSTANT 4.0 . WEIGHT 8 lbs.

BOWL DATA

BOWL NO. WITH BRZ. BRG. 0203 . BOWL NO. WITH RUBBER BRG. 0205 . 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.
COLUMN PIPE 6" FLANGED.