

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



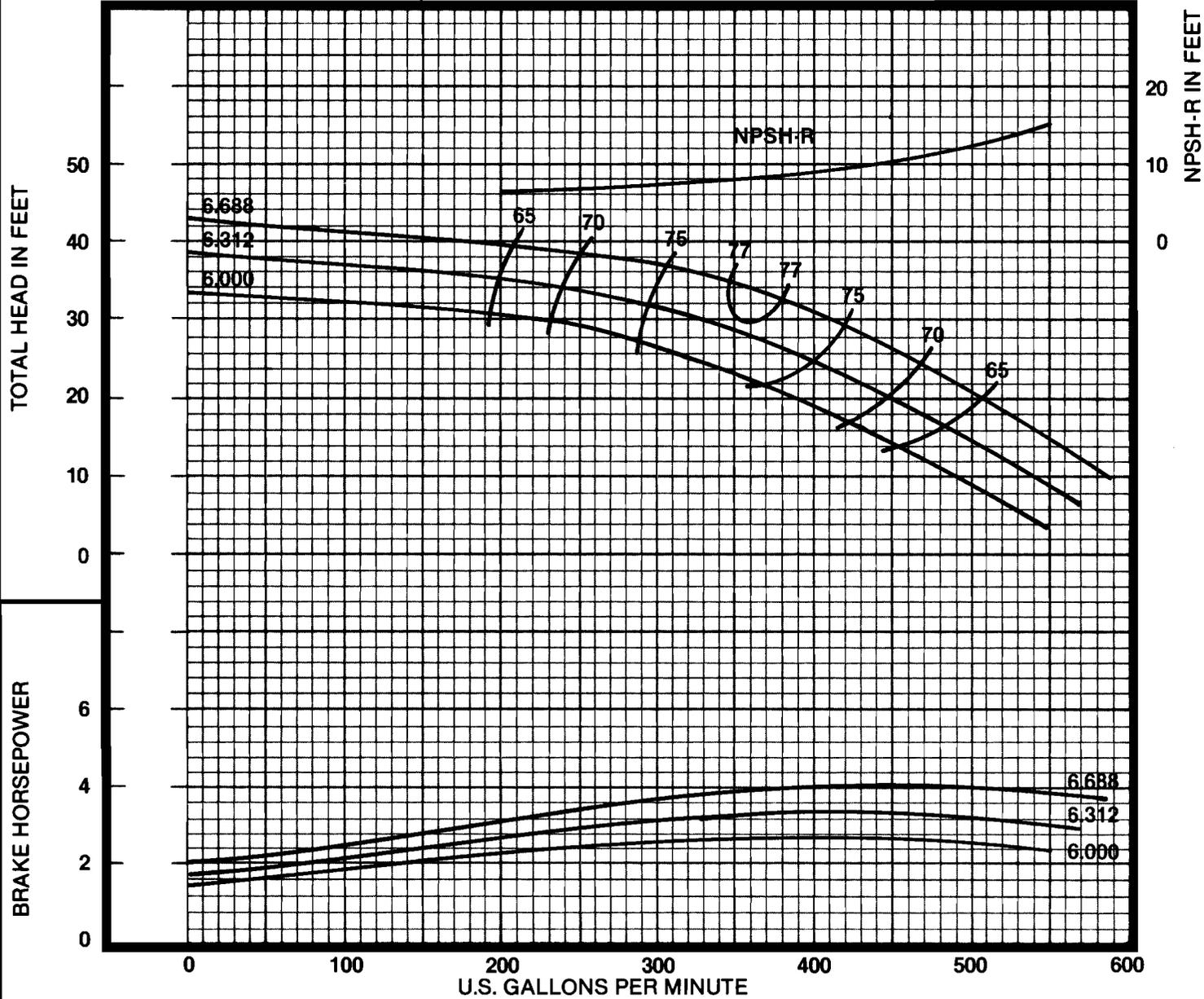
GLENDALE, ARIZONA

M8HC
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:				

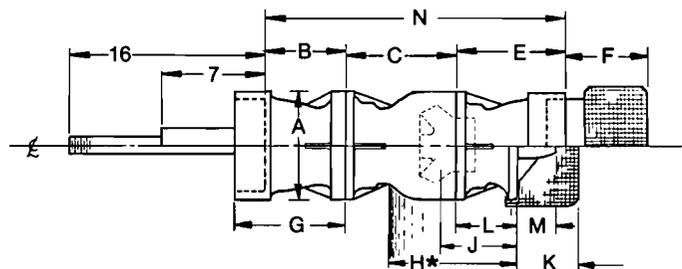
1-STG () STGS



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	14.00	6.50	6.12	5.62	2.50	20.88

PUMP DATA

IMPELLER TYPE-	ENCLOSED	BOWL CONNECTION-	FLANGE
NUMBER OF VANES-	8	DISCHARGE SIZE-	5" - 6"
THRUST CONSTANT (K)-	4.0	SUCTION SIZE-	5" - 6"
LATERAL-	.75"	STD. TUBE-	2"
EYE AREA IN. ² -	8.74	WR ² -	.32 LB. FT. ²
SHAFT DIA.-	1.25	ONE STAGE WT. LB.	102
		ADD/STAGE WT. LB.	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.

M8HC

ONE STAGE PERFORMANCE

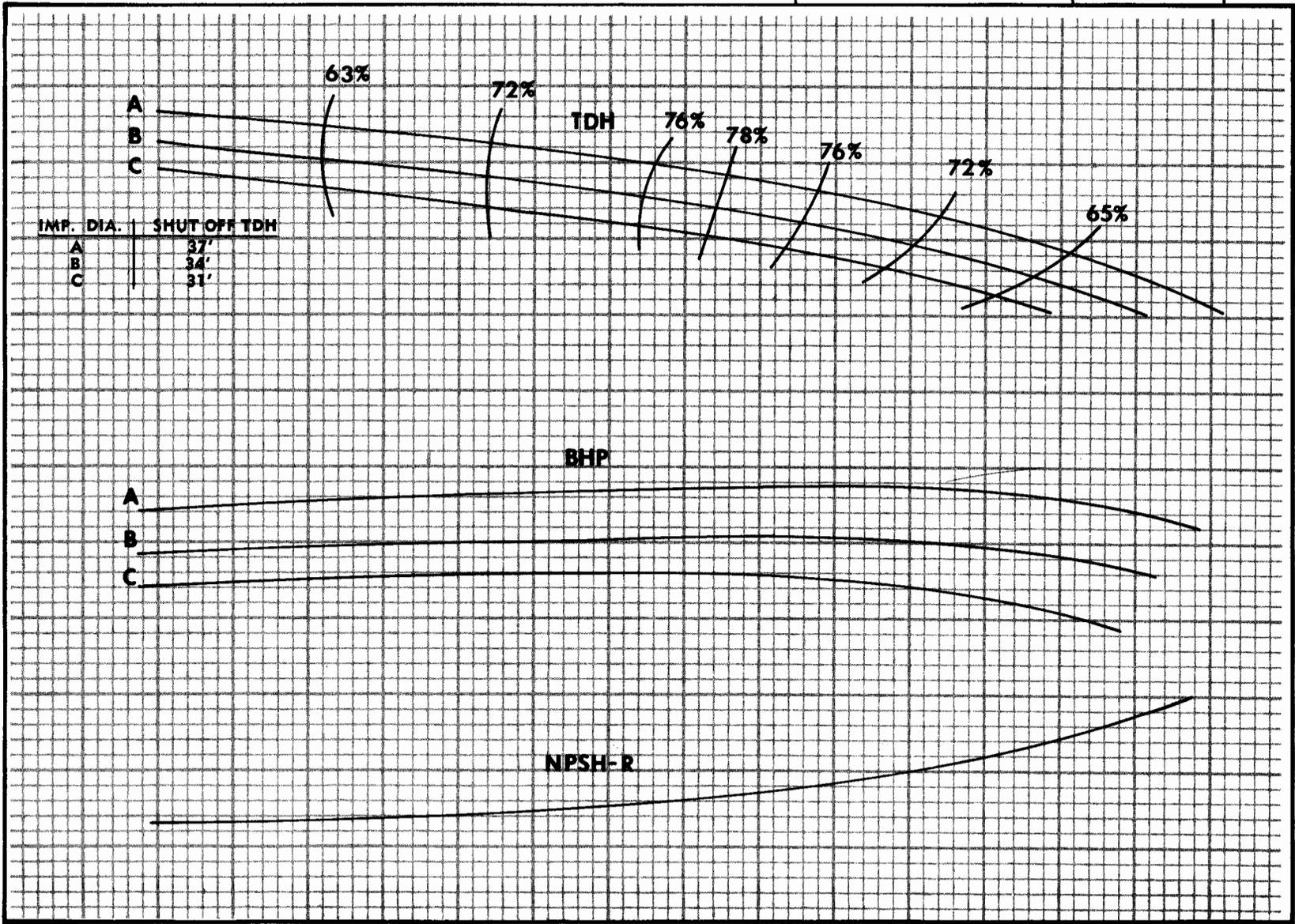
1770 RPM

IMPELLER DIAMETER	EFFICIENCY	CHANGE
A= 6.688	NO. OF STAGES	NO. OF POINTS
B= 6.312	5	0
C= 6.000	3	-1
	1	-2

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

TOTAL HEAD IN FEET

BRAKE HORSEPOWER



200 250 300 350 400 450 500 550

U.S. GALLONS PER MINUTE

15
10
5
NPSH IN FEET



GLENDALE, ARIZONA

SECTION-C
PAGE-5
CURVE-0222

M8HC
1770 RPM
OCT, 1977

M8HC

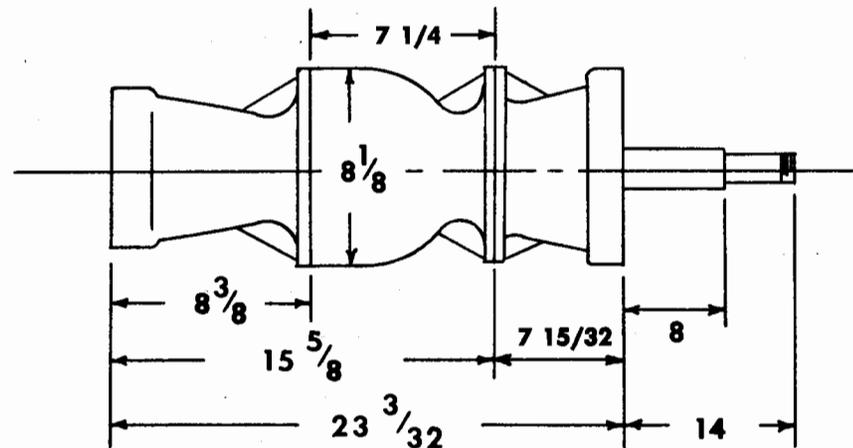
SINGLE STAGE WEIGHT:

THREADED 123 lbs.

FLANGED 130 lbs.

ADD'L STAGE WEIGHT:

44 lbs.



IMPELLER DATA

IMPELLER NO. 0222 . TYPE ENCLOSED . STANDARD MATERIAL BRONZE . FULL DIAMETER 6.688 .
EYE AREA 8.74 sq. in. . NO. VANES 8 . 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.