

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



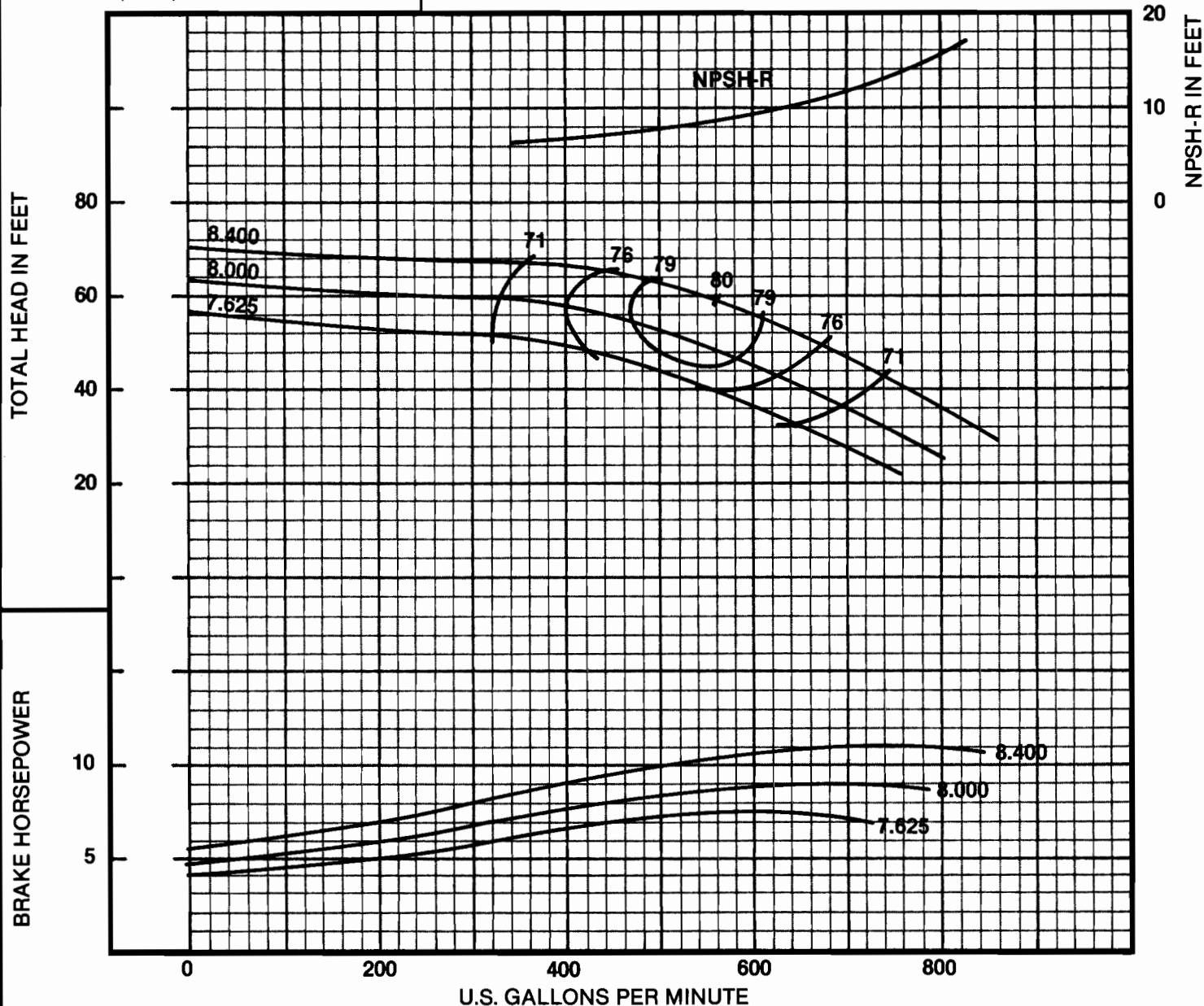
GLENDALE, ARIZONA

M10HC
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:				

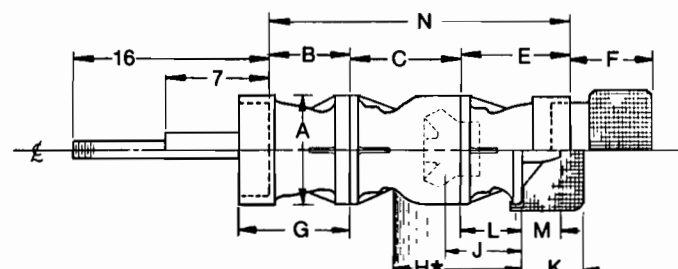
1-STG () STGS



DIMENSION IN INCHES	A	B	C ADD/STG	E	F	G	H*	J	K	L	M	N		
	10.12	5.31	9.62	10.69	7.56	7.25	10.50	7.50	8.12	7.00	3.19	25.62		

PUMP DATA

IMPELLER TYPE-	ENCLOSED	BOWL CONNECTION- FLANGED			
NUMBER OF VANES-	7	DISCHARGE SIZE- 6" - 8"			
THRUST CONSTANT (K)-	5.4	SUCTION SIZE- 6"			
LATERAL-	1"	STD. TUBE- 2½"			
EYE AREA IN. ² -	13.25	WR ² - .78 LB. FT. ²			
SHAFT DIA.-	1.50	ONE STAGE WT. LB.	175	ADD/STAGE WT. LB.	75



* 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.

M10HC

ONE STAGE PERFORMANCE
1770 RPM

IMPELLER DIAMETER

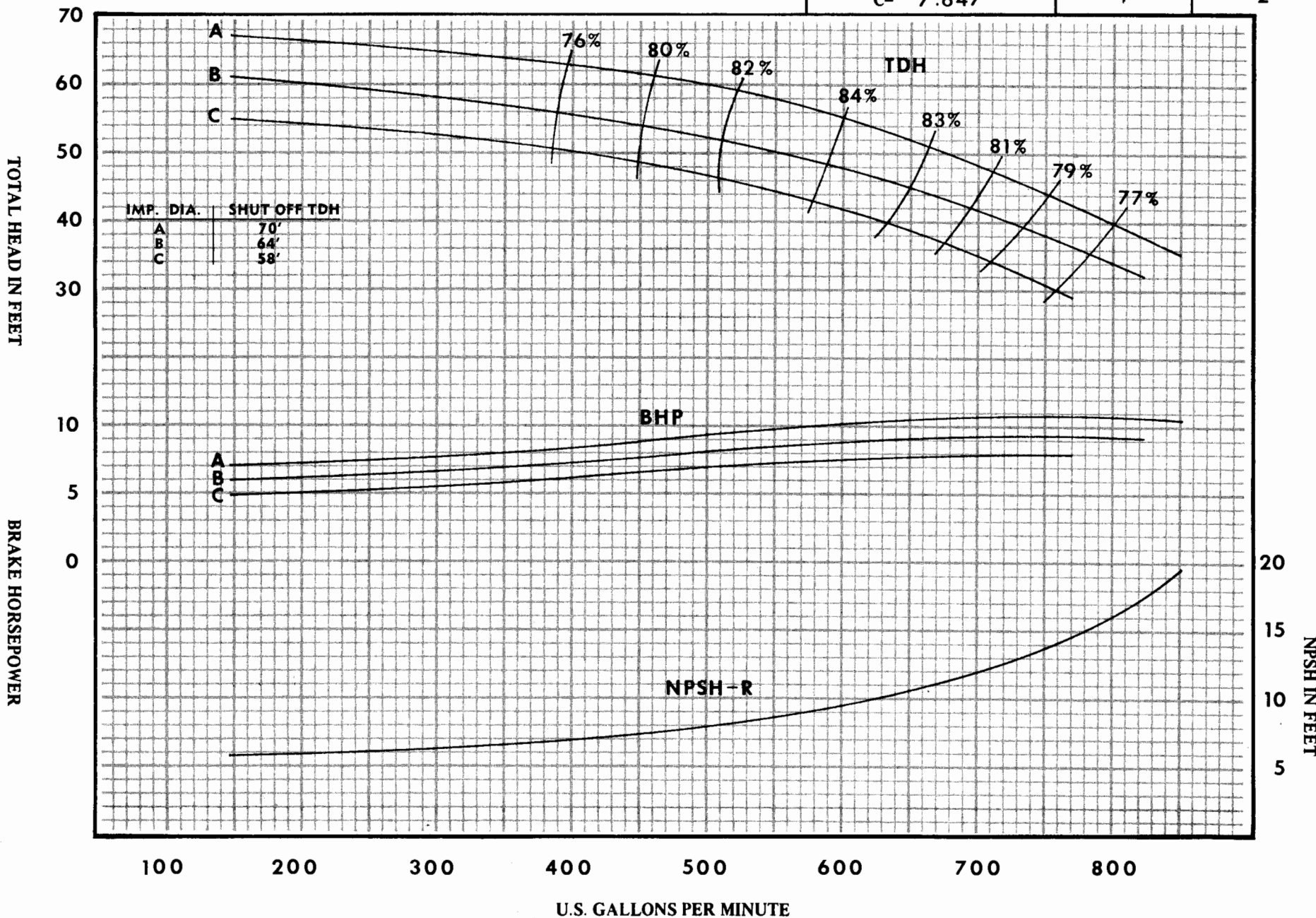
A= 8.400
B= 8.022
C= 7.647

EFFICIENCY

NO. OF STAGES
5
3
1

CHANGE

NO. OF POINTS
0
-1
-2



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

PC NATIONAL
PUMP
GLENDALE, ARIZONA

SECTION-C
PAGE-8
CURVE-0322

M10HC
1770 RPM
APR 79

M10HC

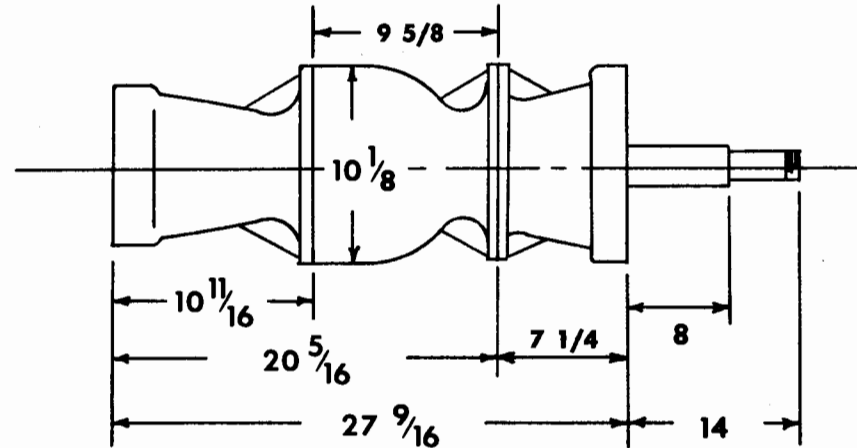
SINGLE STAGE WEIGHT:

THREADED 200 lbs.

FLANGED 200 lbs.

ADD'L STAGE WEIGHT:

70 lbs.



IMPELLER DATA

IMPELLER NO. 0322 . TYPE ENCLOSED STANDARD MATERIAL BRONZE . FULL DIAMETER 8.400 .

EYE AREA 13.250 sq. in. NO. VANES 7 . THRUST CONSTANT 5.4 . WEIGHT 13 lbs.

BOWL DATA

BOWL NO. WITH BRZ. BRG. 0303 . BOWL NO. WITH RUBBER BRG. 0305 . TYPE BOLTED .

LATERAL 1" . SHAFT DIA. 1 1/2 . MAX. NO. OF STAGES 21 . SUCTION INLET 6" THR'D.

COLUMN PIPE 6" - 8" THR'D.

COLUMN PIPE 6" FLANGED.