

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



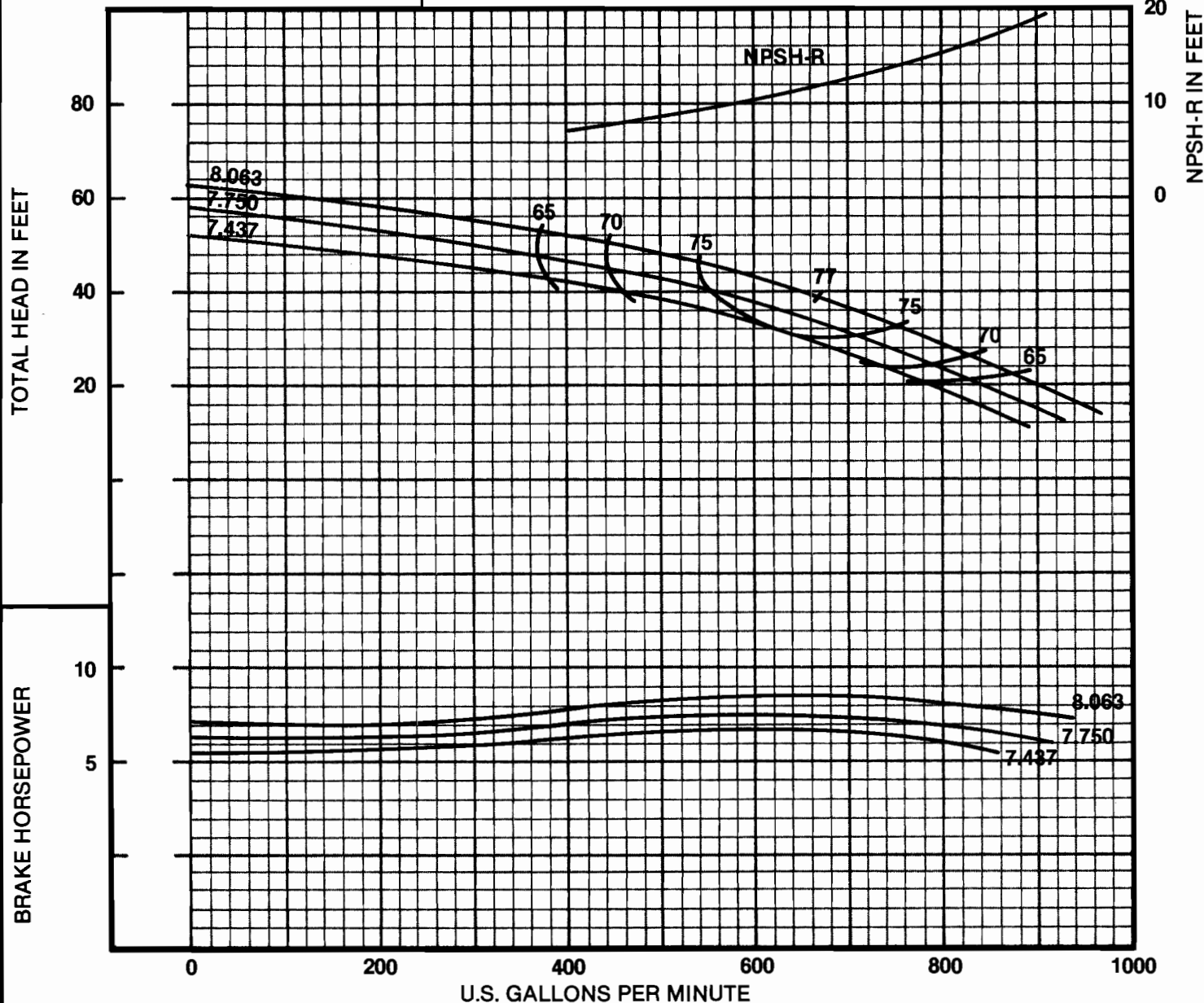
GLENDALE, ARIZONA

H10MC
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:				

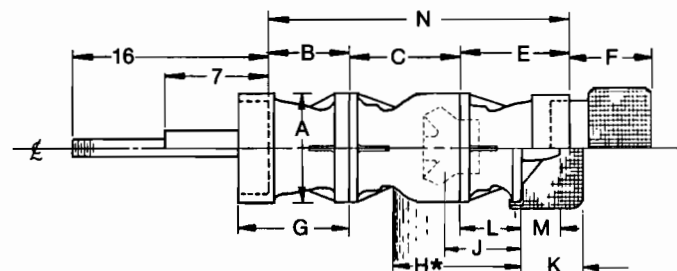
1-STG () STGS



DIMENSION IN INCHES	A	B	C ADD/STG	E	F	G	H*	J	K	L	M	N		
	9.75	5.31	9.62	8.19	7.56	7.25	12.50	8.50	N/A	N/A	N/A	23.12		

PUMP DATA

IMPELLER TYPE-	ENCLOSED	BOWL CONNECTION- FLANGED			
NUMBER OF VANES-	6	DISCHARGE SIZE- 6" - 8"			
THRUST CONSTANT (K)-	6.9	SUCTION SIZE- 6"			
LATERAL-	1.25	STD. TUBE- 2½"			
EYE AREA IN. ² -	16.89	WR ² - .75 LB. FT. ²			
SHAFT DIA.-	1.50	ONE STAGE WT. LB.	210	ADD/STAGE WT. LB.	80



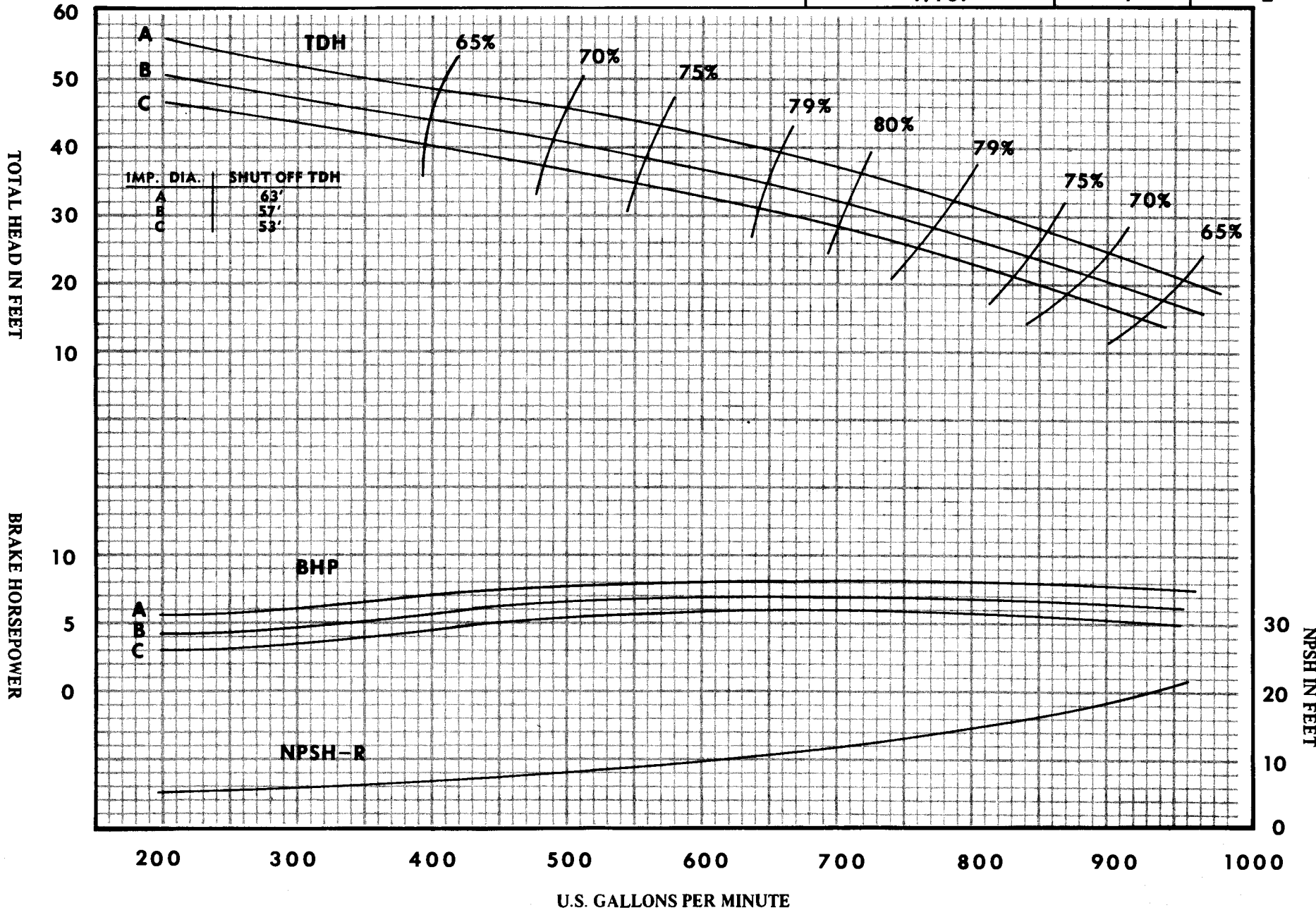
* MIN. SUBMERGENCE

*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.

H10MC

ONE STAGE PERFORMANCE
1770RPM

IMPELLER DIAMETER	EFFICIENCY	CHANGE
A= 8.063	NO. OF STAGES	NO. OF POINTS
B= 7.750	5	0
C= 7.437	3	-1
	1	-2



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85 DEGREES F TEMPERATURE.

PC NATIONAL
PUMP
GLENDALE, ARIZONA

SECTION—C
PAGE—9
CURVE—0823

H10MC
1770 RPM
NOV., 1977

H10MC



GLENDALE, ARIZONA

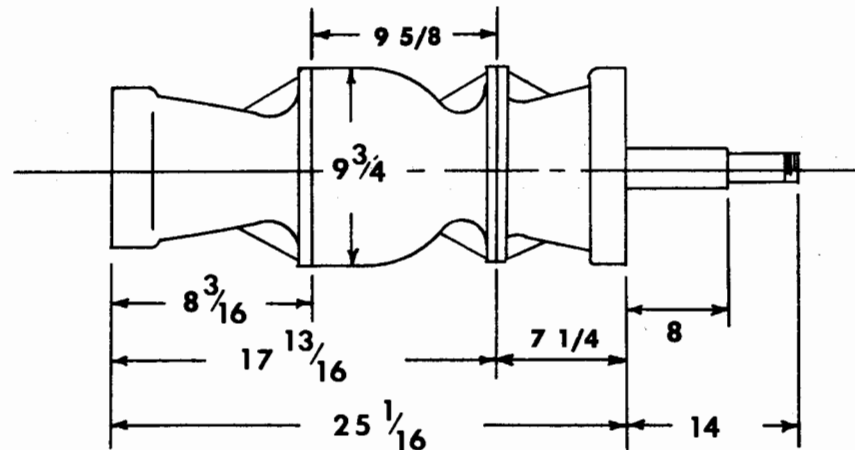
SINGLE STAGE WEIGHT:

THREADED 195 lbs.

FLANGED 195 lbs.

ADD'L STAGE WEIGHT:

64 lbs.



IMPELLER DATA

IMPELLER NO. 0823 . TYPE ENCLOSED STANDARD MATERIAL BRONZE . FULL DIAMETER 8.063 .

EYE AREA 16.89 sq. in. NO. VANES 6 . THRUST CONSTANT 6.9 . WEIGHT 11.5 lbs.

BOWL DATA

BOWL NO. WITH BRZ. BRG. 0803 . BOWL NO. WITH RUBBER BRG. 0805 . TYPE BOLTED .

LATERAL 1 1/4" . 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.