

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



GLENDALE, ARIZONA

M11HC

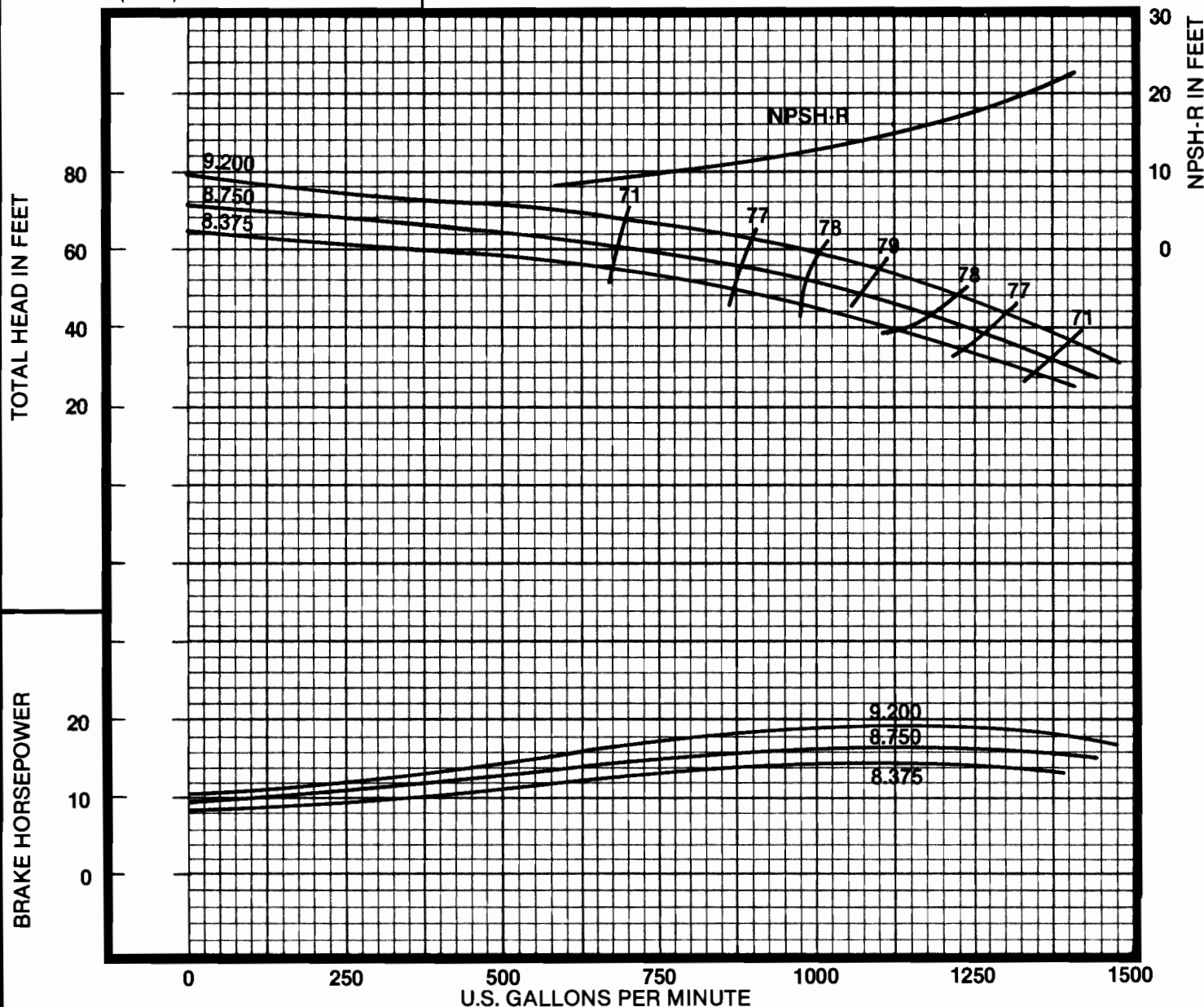
1770 RPM

AUGUST 1, 1983

SUPERCEDES MARCH 1, 1983

CHANGE EFFICIENCY AS FOLLOWS	NUMBER OF STAGES	1	2	3	4	DESIGN:	-GPM	-TDH	-BHP	-EFF. %
	NUMBER OF POINTS	-3	-2	-1	0	USER:				

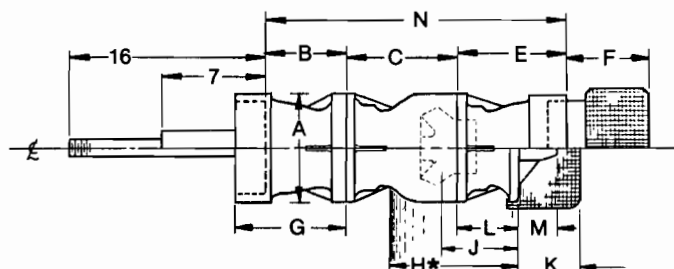
1-STG () STGS



DIMENSION IN INCHES	A	B	C ADD/STG	E	F	G	H*	J	K	L	M	N		
	11.00	6.81	10.00	10.00	9.44	9.00	22.00	10.75	N/A	N/A	N/A	26.81		

PUMP DATA

IMPELLER TYPE-	ENCLOSED	BOWL CONNECTION-	FLANGE
NUMBER OF VANES-	7	DISCHARGE SIZE-	8"
THRUST CONSTANT (K)-	7.9	SUCTION SIZE-	8"
LATERAL-	1"	STD. TUBE-	2½" - 3"
EYE AREA IN. ² -	18.39	WR ² -	1.01 LB. FT. ²
SHAFT DIA.-	1.6875	ONE STAGE WT. LB.	255
		ADD/STAGE WT. LB.	110



*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.

M11HC

ONE STAGE PERFORMANCE

1770 RPM

IMPELLER DIAMETER

A= 9.200
B= 8.750
C= 8.375

EFFICIENCY

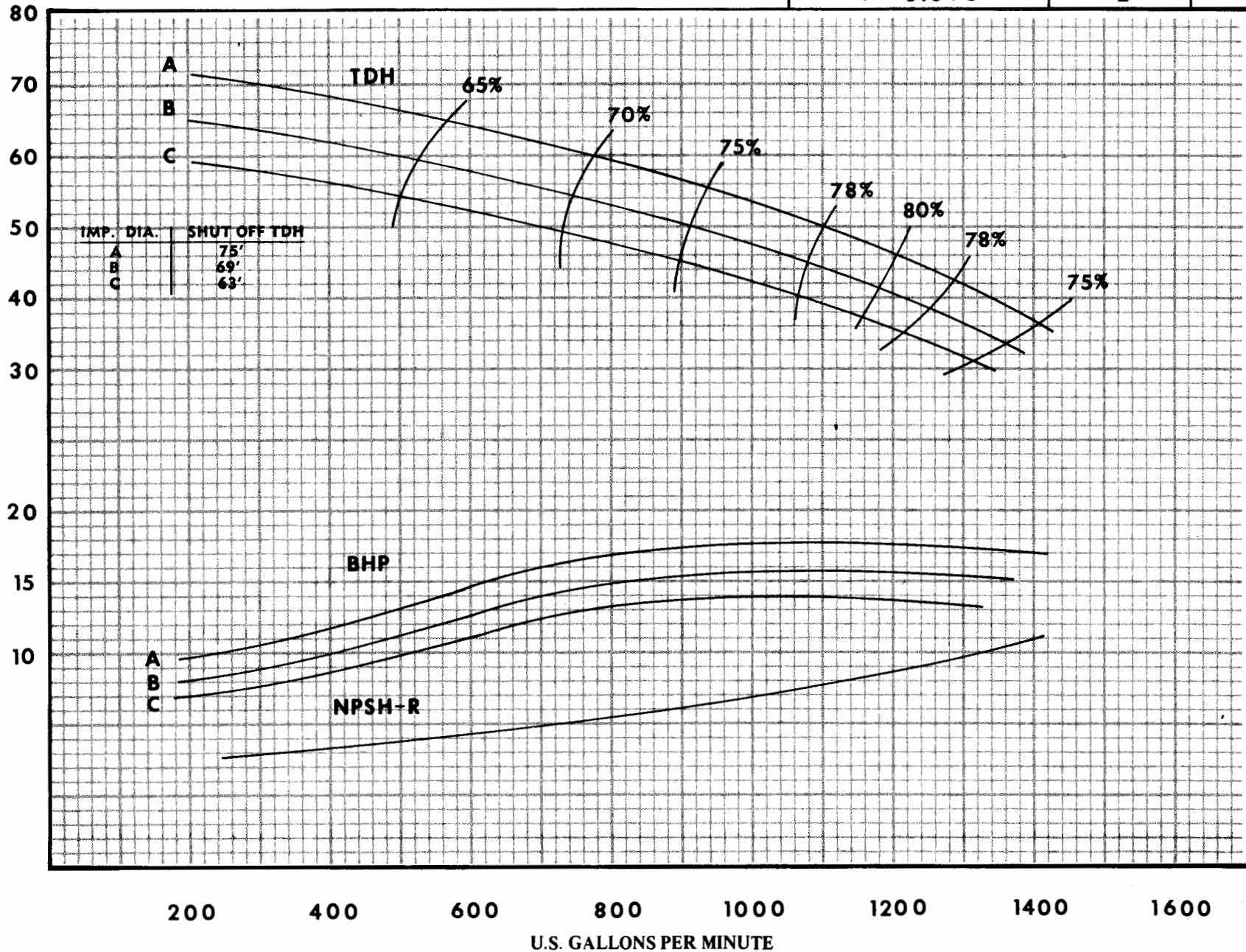
NO. OF STAGES
4
3
2

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.

NPC NATIONAL
pump
GLENDALE, ARIZONA

SECTION-C
PAGE-13
CURVE-0422

M11HC
1770 RPM
NOV, 1977

NPSH IN FEET
20
10
0

M11HC

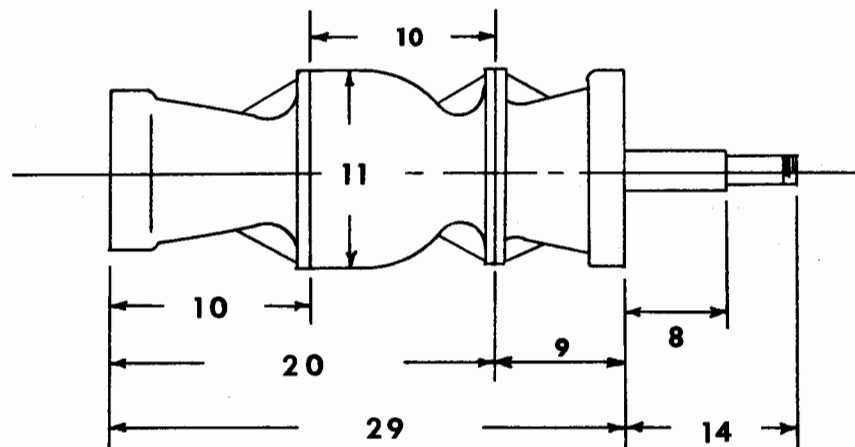
SINGLE STAGE WEIGHT:

THREADED 250 lbs.

FLANGED 269 lbs.

ADD'L STAGE WEIGHT:

88 lbs.



IMPELLER DATA

IMPELLER NO. 0422 . TYPE ENCLOSED . STANDARD MATERIAL BRONZE . FULL DIAMETER 9.200 .

EYE AREA 18.39 sq. in. NO. VANES 7 . THRUST CONSTANT 7.9 . WEIGHT 13 lbs.

BOWL DATA

BOWL NO. WITH BRZ. BRG. 0503 . BOWL NO. WITH RUBBER BRG. 0505 . TYPE BOLTED .

LATERAL 1" . SHAFT DIA. 1 1/16 . MAX. NO. OF STAGES 19 . SUCTION INLET 8" THR'D.

COLUMN PIPE 8" - 10" THR'D.

COLUMN PIPE 8" FLANGED.