

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



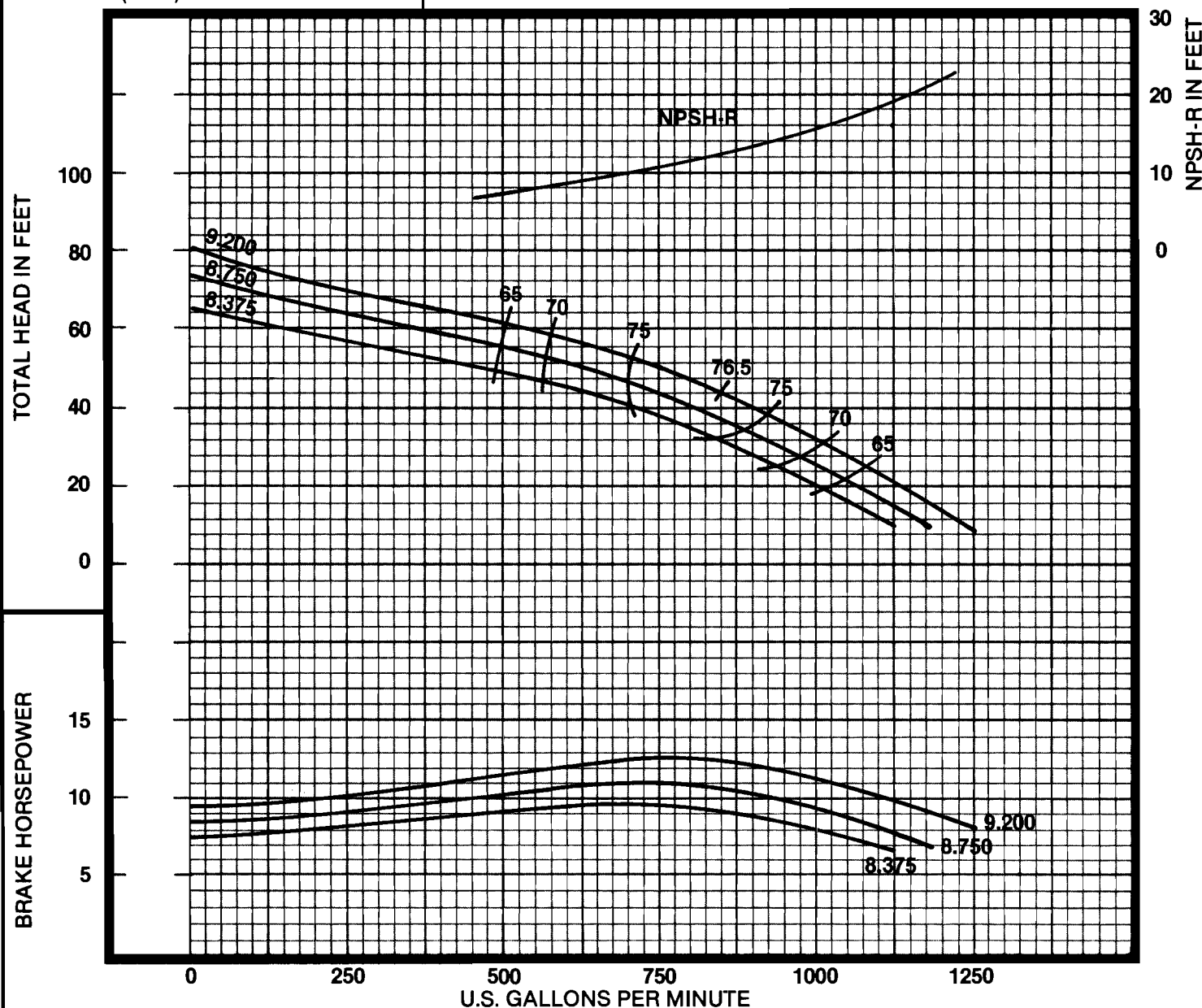
GLENDALE, ARIZONA

M11LC
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

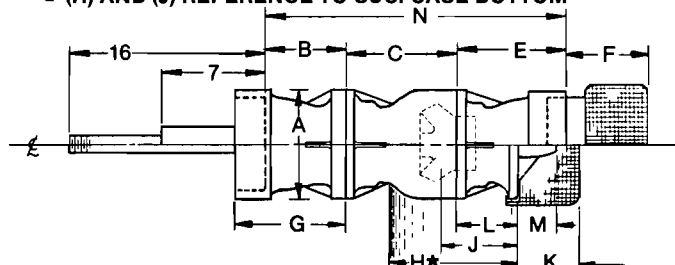


DIMENSION IN INCHES	A	B	C ADD/STG	E	F	G	H*	J	K	L	M	N		
	11.00	6.81	10.00	10.00	9.44	9.00	22.00	10.75	N/A	N/A	N/A	26.81		

PUMP DATA

IMPELLER TYPE-	ENCLOSED	BOWL CONNECTION-	FLANGE
NUMBER OF VANES-	5	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

Δ (H) AND (J) REFERENCE TO SUC. CASE BOTTOM



*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.

M11LC

ONE STAGE PERFORMANCE

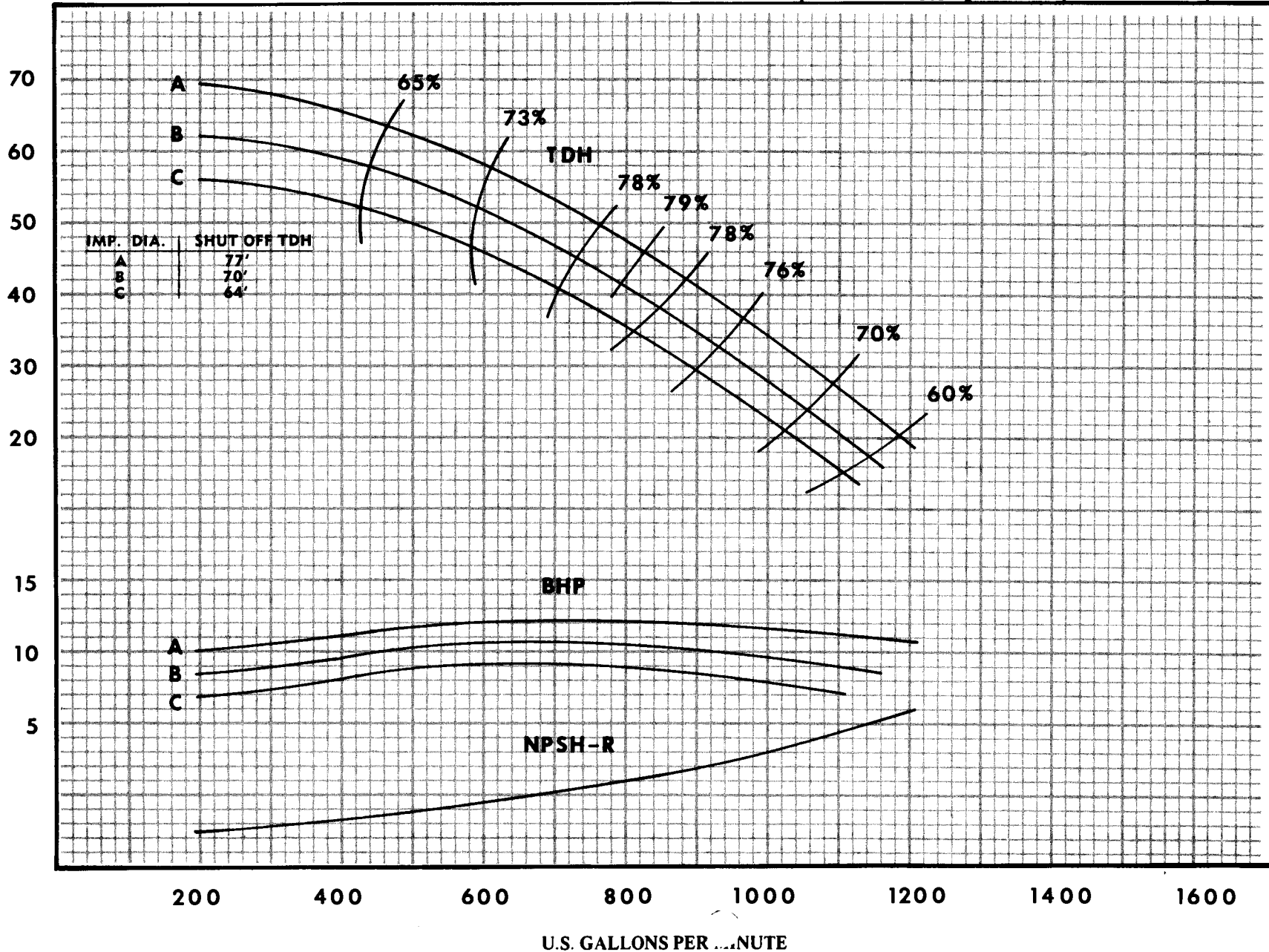
1770 RPM

IMPELLER DIAMETER	EFFICIENCY	CHANGE
A= 9.200	NO. OF STAGES	NO. OF POINTS
B= 8.750	5	0
C= 8.375	3	-1
	1	-2

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

TOTAL HEAD IN FEET

BRAKE HORSEPOWER



PE NATIONAL
PUMP
GLENDALE, ARIZONA

SECTION—C
PAGE—11
CURVE—0424

MILC
1770 RPM
DEC, 1977

M11LC

PC NATIONAL
N pump

GLENDALE, ARIZONA

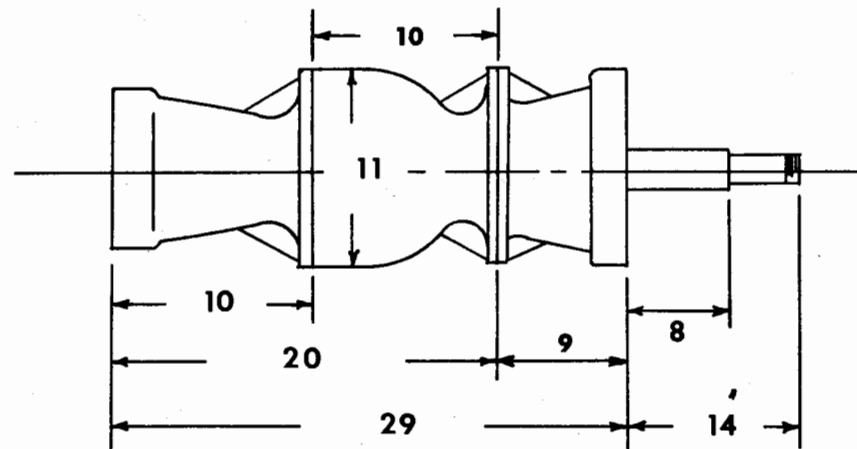
SINGLE STAGE WEIGHT:

THREADED 250 lbs.

FLANGED 250 lbs.

ADD'L STAGE WEIGHT:

88 lbs.



IMPELLER DATA

IMPELLER NO. 0424 . TYPE ENCLOSED . STANDARD MATERIAL BRONZE . FULL DIAMETER 9.200 .
EYE AREA 18.39 sq. in. NO. VANES 5 . THRUST CONSTANT 7.9 . WEIGHT 13 lbs.

BOWL DATA

BOWL NO. WITH BRZ. BRG. 0403 . BOWL NO. WITH RUBBER BRG. 0405 . TYPE BOLTED .
LATERAL 1" . SHAFT DIA. 1 11/16 . MAX. NO. OF STAGES 19 . SUCTION INLET 8" THR'D.
COLUMN PIPE 8" - 10" THR'D.
COLUMN PIPE 8" FLANGED.