

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

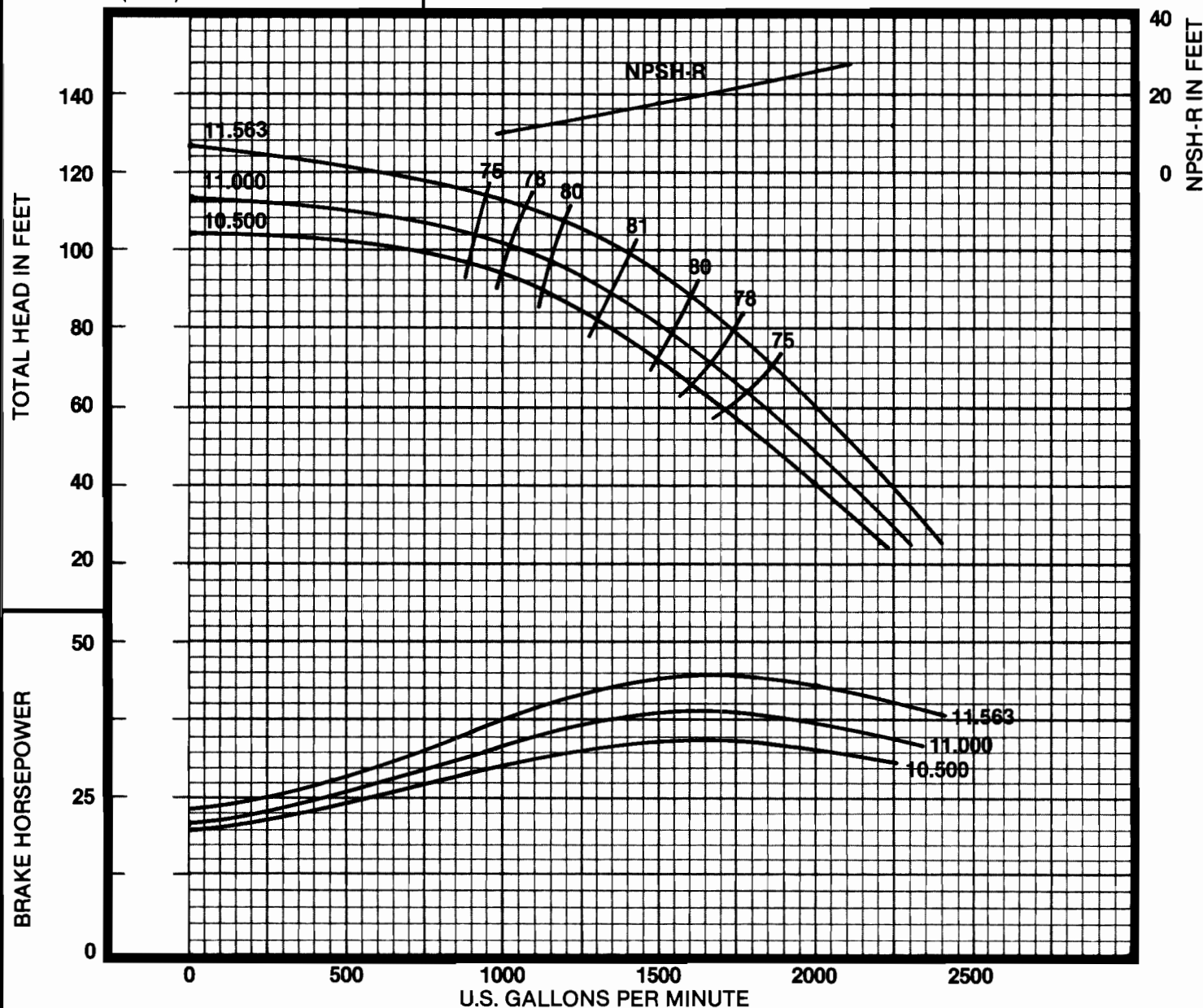


GLENDALE, ARIZONA

M14MC
1770 RPM

MARCH 1, 1983

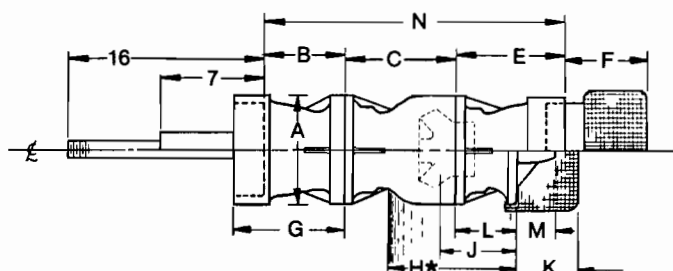
CHANGE EFFICIENCY AS FOLLOWS	NUMBER OF STAGES	1	2	3	DESIGN:	-GPM	-TDH	-BHP	-EFF. %
	NUMBER OF POINTS	-2	-1	0	USER:				
1-STG () STGS									



DIMENSION IN INCHES	A	B	C ADD/STG	E	F	G	H*	J	K	L	M	N		
	14.12	5.44	13.25	10.00	11.25	8.38	22.50	7.25	12.06	6.88	2.75	28.69		

PUMP DATA

IMPELLER TYPE-	ENCLOSED	BOWL CONNECTION-	FLANGE
NUMBER OF VANES-	6	DISCHARGE SIZE-	10" - 12"
THRUST CONSTANT (K)-	12.5	SUCTION SIZE-	10"
LATERAL-	1.12"	STD. TUBE-	3"
EYE AREA IN. ² -	25.32	WR ² -	3.50 LB. FT. ²
SHAFT DIA.-	1.9375	ONE STAGE WT. LB.	420
		ADD/STAGE WT. LB.	170



* 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.

M14MC

ONE STAGE PERFORMANCE
1770 RPM

IMPELLER DIAMETER

A= 11.563
B= 11.000
C= 10.500

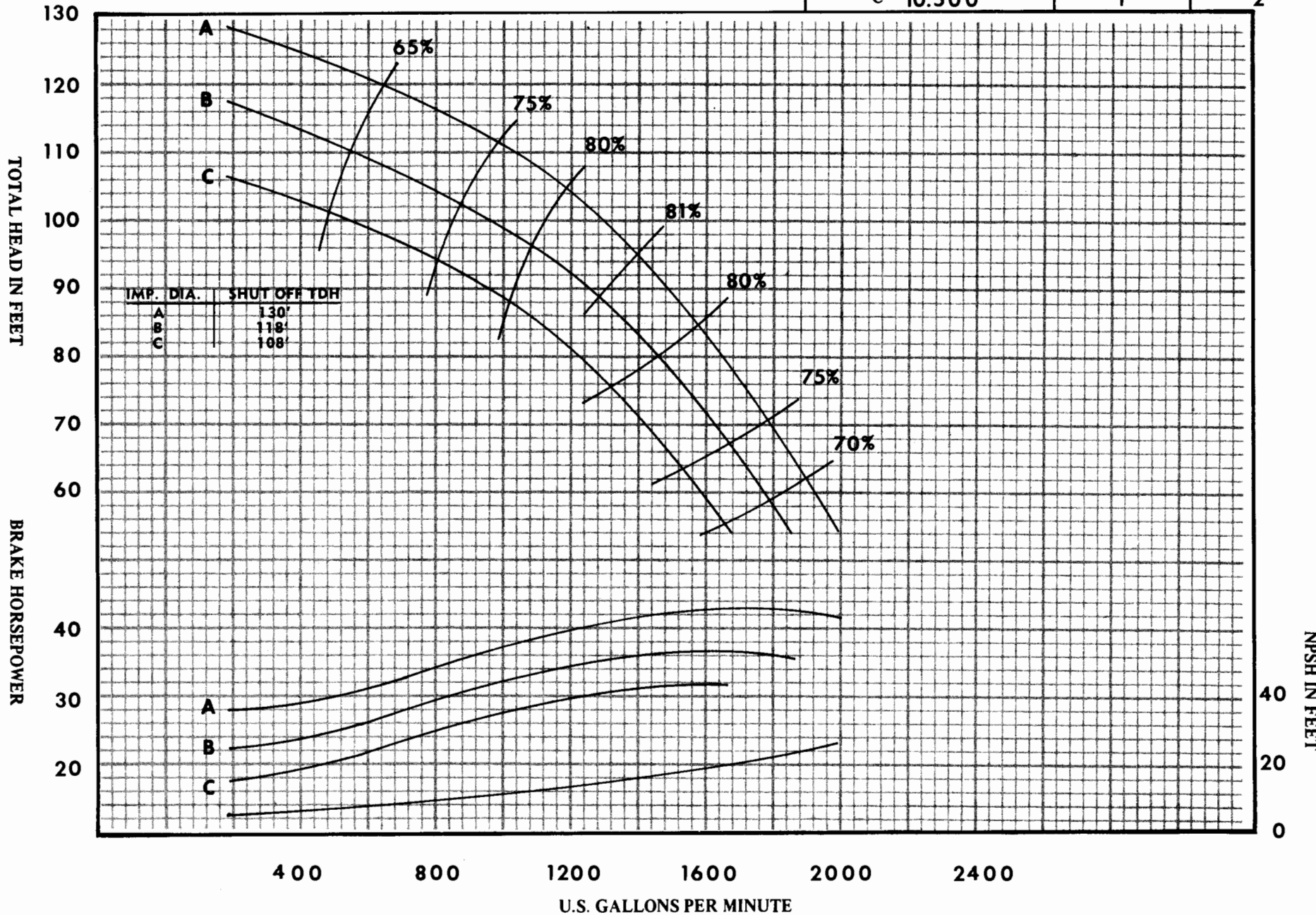
EFFICIENCY

NO. OF STAGES
3
2
1

CHANGE

NO. OF POINTS
0
-1
-2

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



PC NATIONAL
pump
GLENDALE, ARIZONA

SECTION—C
PAGE—17
CURVE—0623

M14MC
1770 RPM
DEC, 1977

M14MC



GLENDAL, ARIZONA

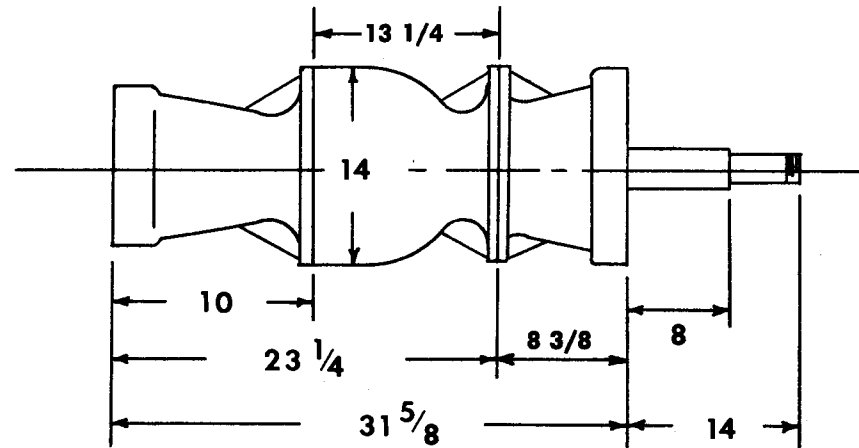
SINGLE STAGE WEIGHT:

THREADED 416 lbs.

FLANGED — lbs.

ADD'L STAGE WEIGHT:

170 lbs.



IMPELLER DATA

IMPELLER NO. 0623 . TYPE ENCLOSED . STANDARD MATERIAL BRONZE . FULL DIAMETER 11.563 .
EYE AREA 25.32 sq. in. NO. VANES 6 . THRUST CONSTANT 12.5 . WEIGHT 30 lbs.

BOWL DATA

BOWL NO. WITH BRZ. BRG. 0603 . BOWL NO. WITH RUBBER BRG. 0605 . TYPE BOLTED .
LATERAL 1 1/8" . SHAFT DIA. 1 15/16 . MAX. NO. OF STAGES 12 . SUCTION INLET 10" THR'D.
COLUMN PIPE 10" -12" THR'D.
FLANGED COLUMN - CONSULT FACTORY.