

H7HC

ONE STAGE PERFORMANCE
3500 RPM

IMPELLER DIAMETER

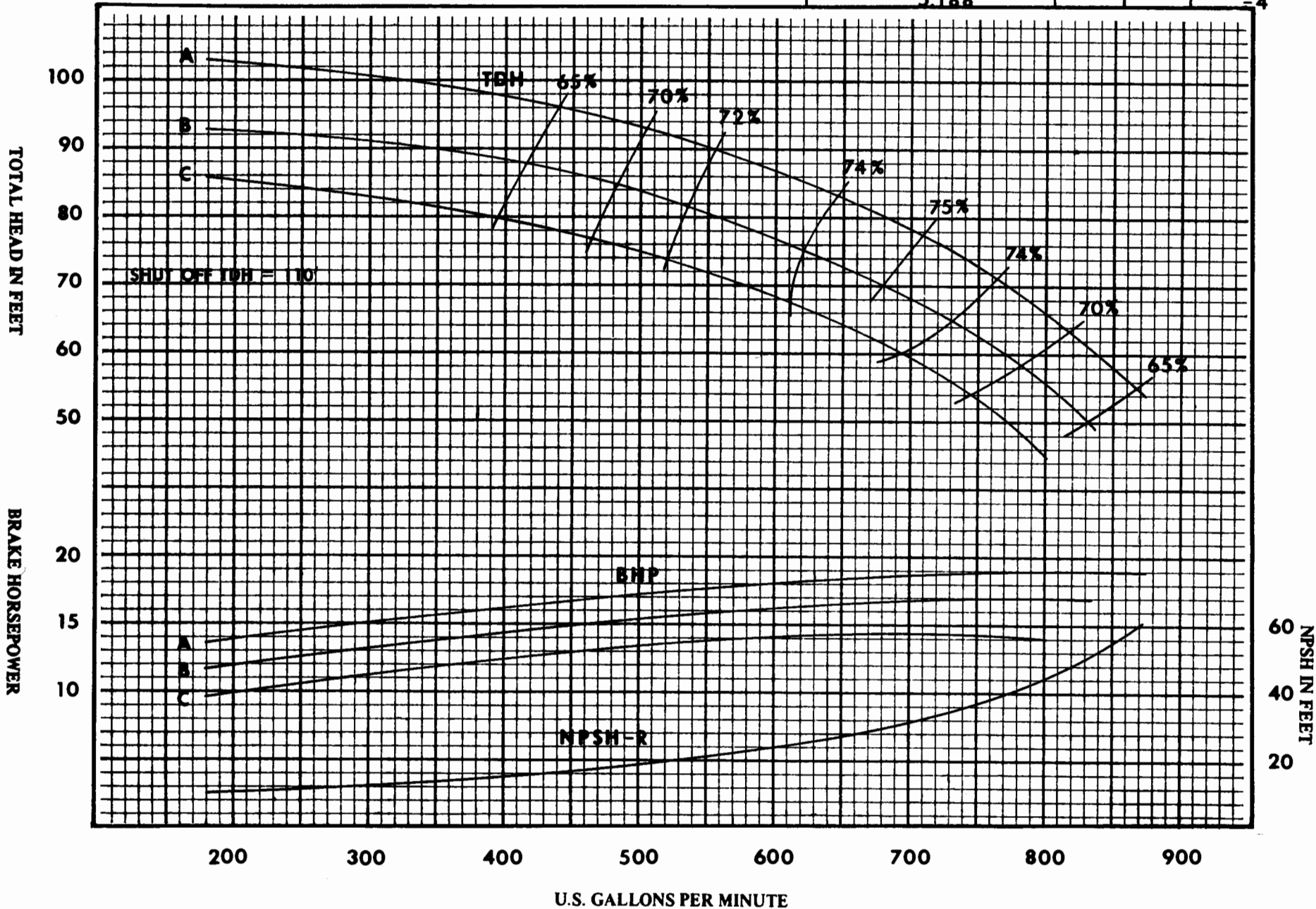
A= 5.688
B= 5.438
C= 5.188

EFFICIENCY

NO. OF STAGES
3
2
1

CHANGE

NO. OF POINTS
0
-2
-4



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



GLENDALE, ARIZONA

SECTION - D
PAGE - 2
CURVE - 0122

H7HC
3500 RPM
MAR, 1978

H7HC

NPC NATIONAL
PUMP

GLENDALE, ARIZONA

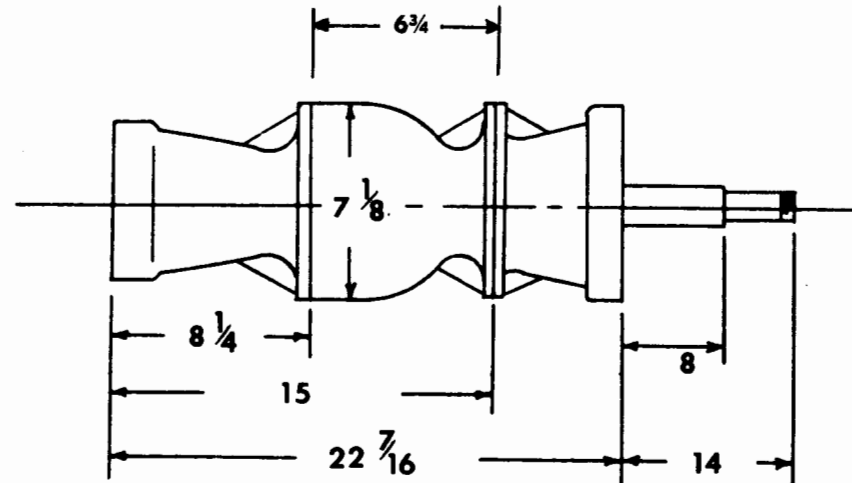
SINGLE STAGE WEIGHT:

THREADED 105 lbs.

FLANGED 112 lbs.

ADD'L STAGE WEIGHT:

36 lbs.



IMPELLER DATA

IMPELLER NO. 0122 . TYPE ENCLOSED . STANDARD MATERIAL 0105 . FULL DIAMETER 5.688 .
EYE AREA 9.09 sq. in. . NO. VANES 7 . THRUST CONSTANT 4.2 . WEIGHT 9 lbs.

BOWL DATA

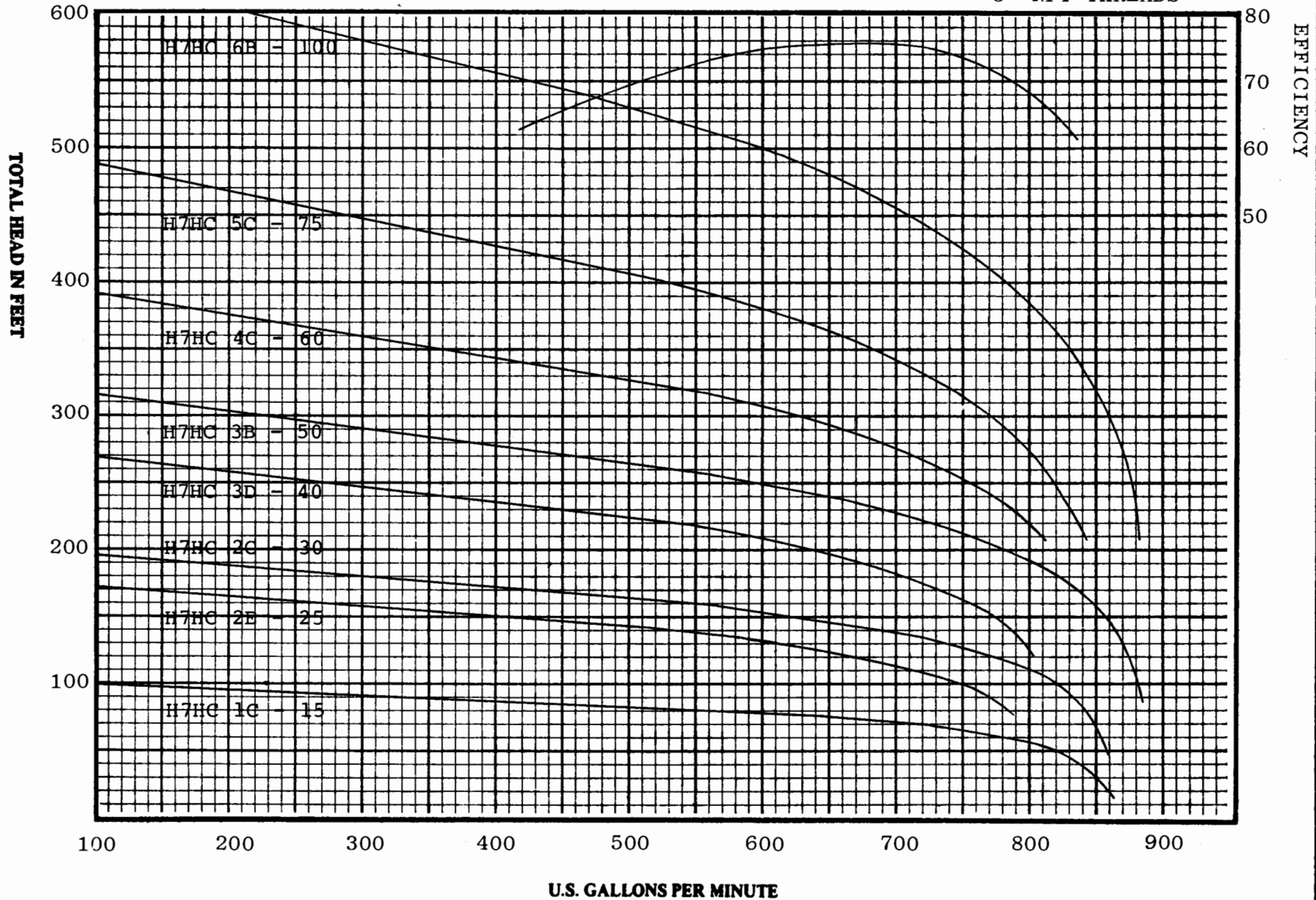
BOWL NO. WITH BRZ. BRG. 0103 . BOWL NO. WITH RUBBER BRG. 0105 . TYPE BOLTED .
LATERAL 3/4 . SHAFT DIA. 1 1/4 . MAX. NO. OF STAGES 7 . SUCTION INLET 5" THR'D.
COLUMN PIPE: 5" OR 6" THREADED
6" FLANGED

H7HC

SUBMERSIBLE PUMP PERFORMANCE

3450 R.P.M.

5" NPT THREADS



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PC NATIONAL
pump
GLENDALE, ARIZONA

SECTION - K
PAGE - 3.2
CURVE - 0122

H7HC
3450 R.P.M.
JAN. 1980

H7HC

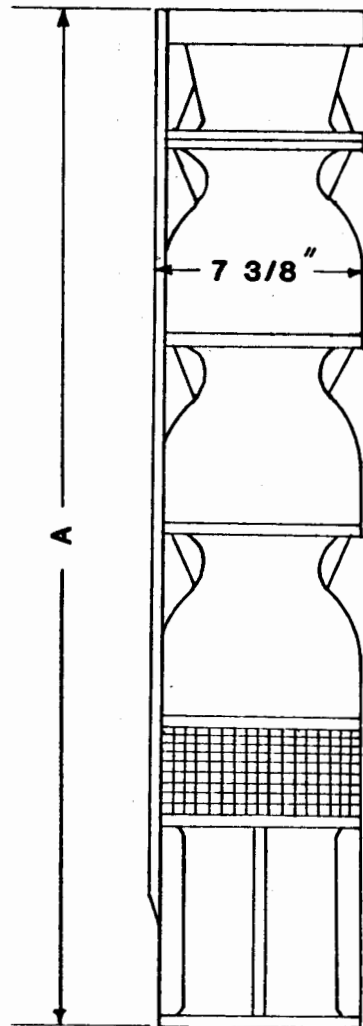
SUBMERSIBLE

PC NATIONAL
pump
GLENDALE, ARIZONA

DIMENSIONS & SPECIFICATIONS

MODEL NO.	STAGES	H.P.	A LENGTH (INCHES)*	APPROX. SHPG. WGT. (LBS.)
H7HC 1C-15	1	15	27.75	178
H7HC 2E-25	2	25	34.5	235
H7HC 2C-30	2	30	34.5	235
H7HC 3D-40	3	40	41.25	291
H7HC 3B-50	3	50	41.25	291
H7HC 4C-60	4	60	48.0	348
H7HC 5C-75	5	75	54.75	404
H7HC 6B-100	6	100	61.50	460

* This length is with a NEMA 6" motor. If a NEMA 8" motor is used add 2" to this length.



MATERIALS OF CONSTRUCTION

DESCRIPTION	MATERIAL	DESCRIPTION	MATERIAL
BOWL	CAST IRON	THRUST ASSY.	BRONZE
IMPELLER	BRONZE	BOLTS	GRADE 5 STEEL
SHAFT	STAINLESS STEEL	SCREEN	STAINLESS STEEL
BEARING	BRONZE	CABLE GUARD	STAINLESS STEEL

NOTE: This pump is normally prepared with 6" NEMA P submersible motor mount and 5" NPT column pipe threads. The pump can also be prepared for either 6" NPT column pipe threads, or 8" NEMA mounting.