

H7LC

ONE STAGE PERFORMANCE

3500 RPM

IMPELLER DIAMETER	EFFICIENCY	CHANGE
A= 5.688	NO. OF STAGES 3	NO. OF POINTS 0
B= 5.438	2	-2
C= 5.188	1	-4

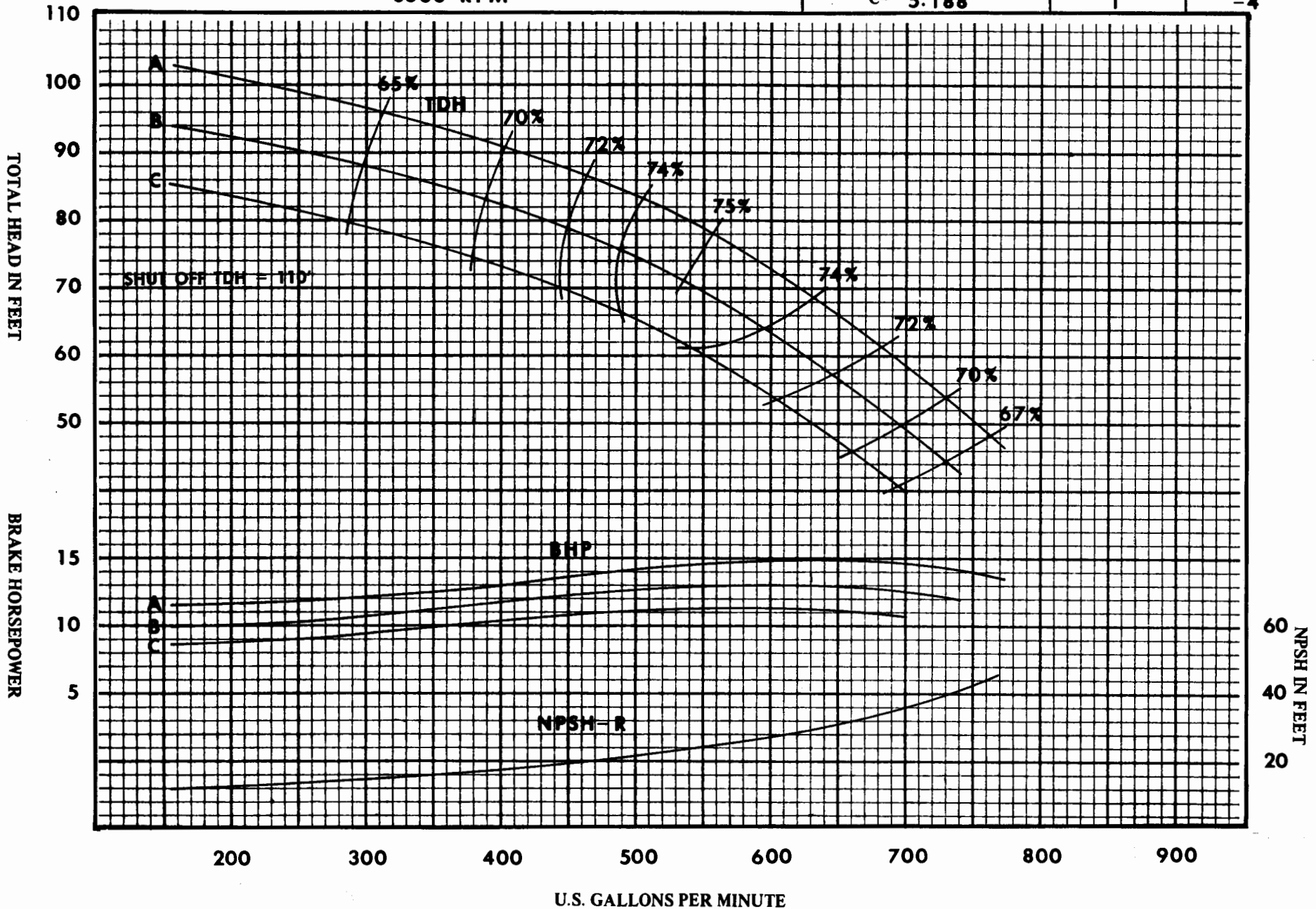
PERFORMANCE BASED ON
PUMPING CLEAR, FRESH
NON-AERATED WATER AT
85 DEGREES F TEMPERATURE.

PC NATIONAL
PUMP

GLENDAL, ARIZONA

SECTION - D
PAGE - 1
CURVE - 0124

H7LC
3500 RPM
MAR, 1978



H7LC

N^{PC} NATIONAL
PUMP

GLENDALE, ARIZONA

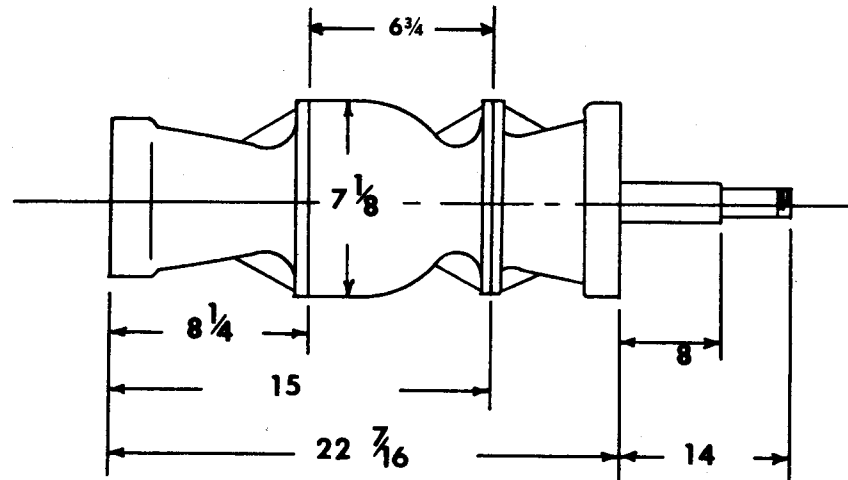
SINGLE STAGE WEIGHT:

THREADED 105 lbs.

FLANGED 112 lbs.

ADD'L STAGE WEIGHT:

36 lbs.



IMPELLER DATA

IMPELLER NO. 0124 . TYPE ENCLOSED . STANDARD MATERIAL BRONZE . FULL DIAMETER 5.688 .
EYE AREA 9.09 sq. in. NO. VANES 5 . THRUST CONSTANT 4.2 . WEIGHT 8 lbs.

BOWL DATA

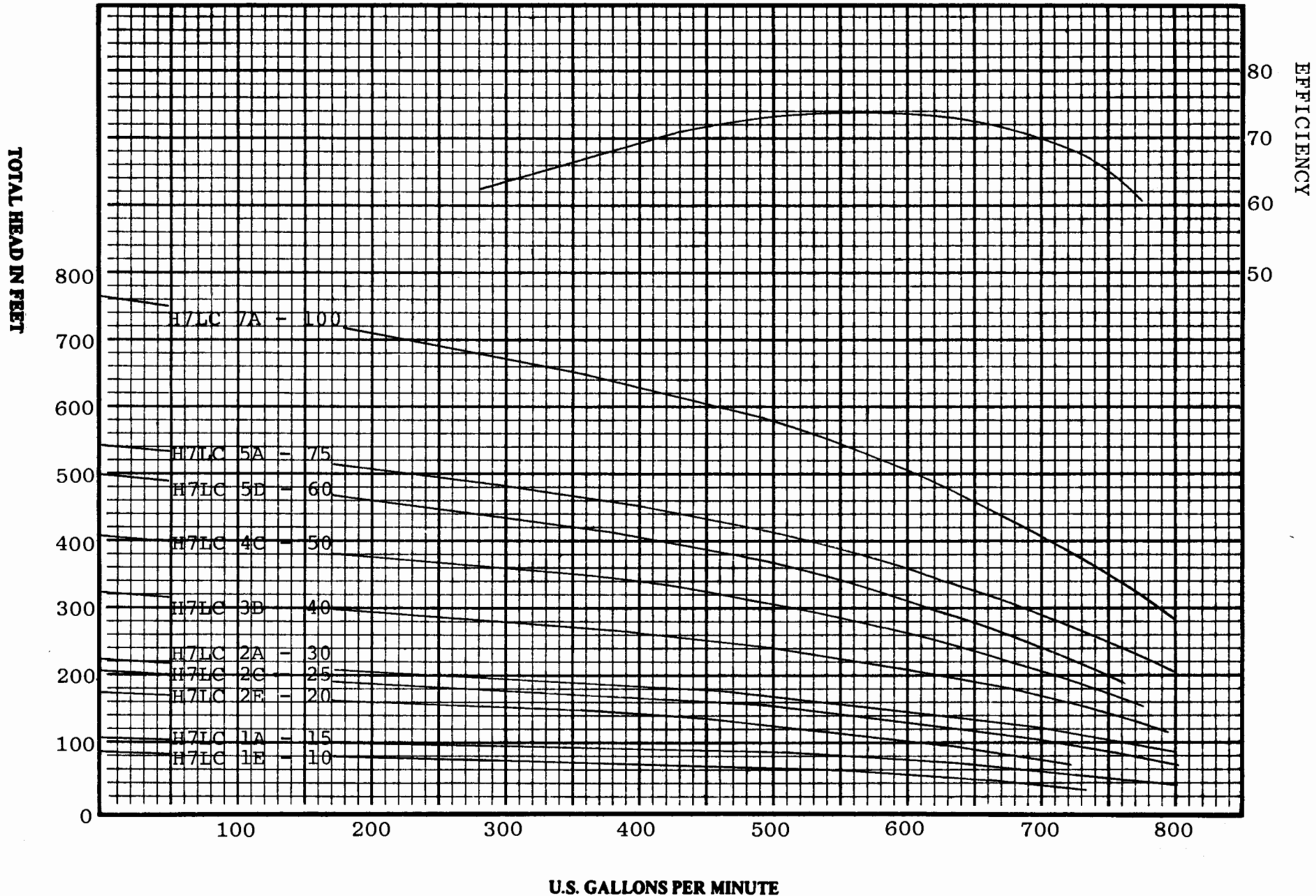
BOWL NO. WITH BRZ. BRG. 0103 . BOWL NO. WITH RUBBER BRG. 0105 . TYPE BOLTED .
LATERAL 3/4 . SHAFT DIA. 1 1/4 . MAX. NO. OF STAGES 7 . SUCTION INLET 5" THR'D.
COLUMN PIPE: 5" OR 6" THREADED
6" FLANGED

H7LC

SUBMERSIBLE PUMP PERFORMANCE

3450 R.P.M.

5" NPT THREADS



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

PG NATIONAL
pump
GLENDALE, ARIZONA

SECTION - K
PAGE - 3.1
CURVE - 0124

H7LC
3450 R.P.M.
JAN, 1980

H7LC

SUBMERSIBLE

PC NATIONAL
pump
GLENDALE, ARIZONA

DIMENSIONS & SPECIFICATIONS

MODEL NO.	STAGES	H.P.	A LENGTH (INCHES)*	APPROX. SHPG. WGT. (LBS.)
H7LC 1E-10	1	10	27.75	179
H7LC 1A-15	1	15	27.75	179
H7LC 2E-20	2	20	34.5	236
H7LC 2C-25	2	25	34.5	236
H7LC 2A-30	2	30	34.5	236
H7LC 3B-40	3	40	41.25	293
H7LC 4C-50	4	50	48.0	350
H7LC 5D-60	5	60	54.75	407
H7LC 5A-75	5	75	54.75	407
H7LC 7A-100	7	100	68.25	520

* 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 P mounting.

