

MODEL: 800 X 10

SIZE: 10"

RPM: 3450

HP: 100

CURVE NO: ST 1103

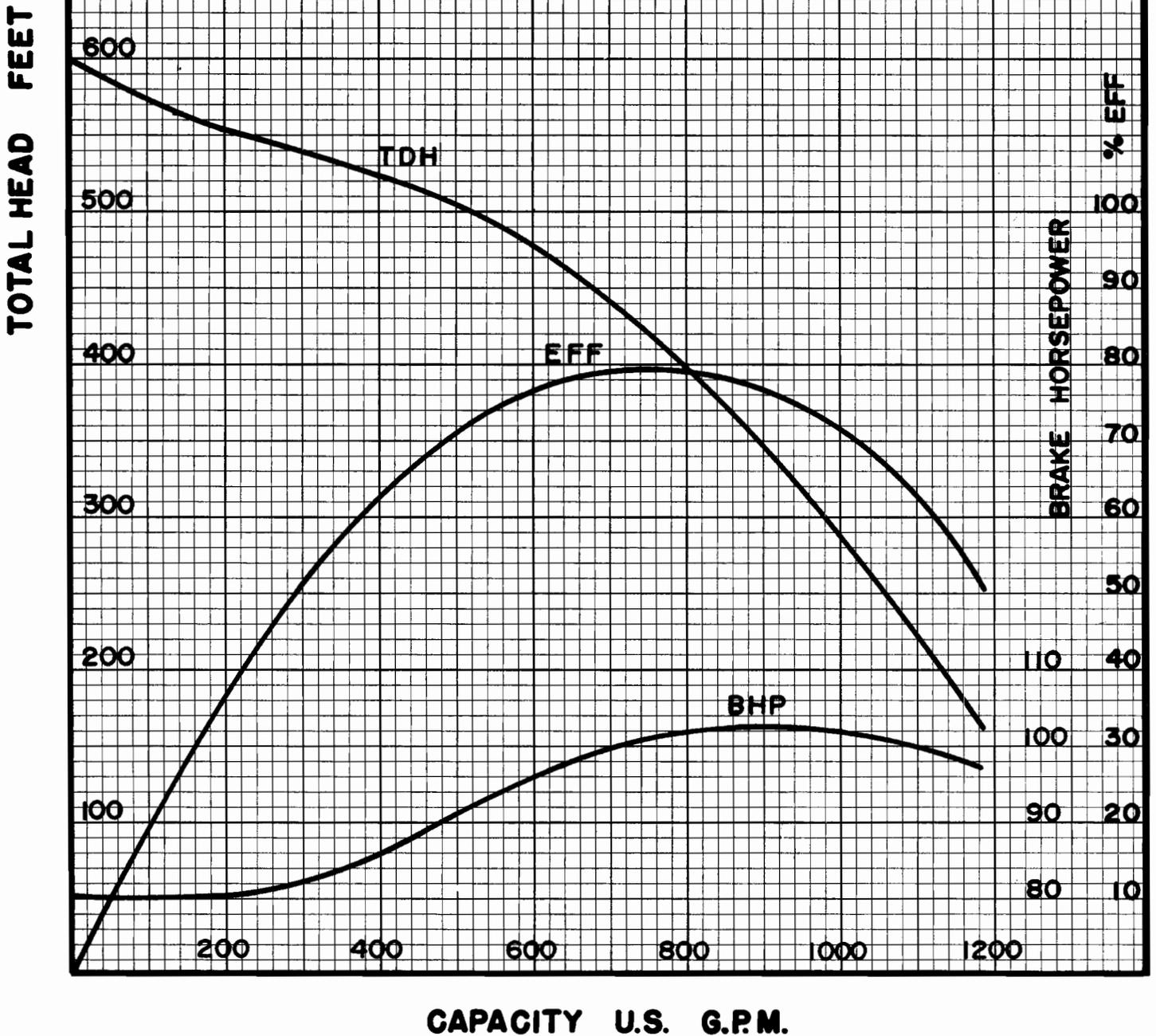


STAIRITE INDUSTRIES, INC.

Water Equipment Division

293 SOUTH WRIGHT STREET / DELAVAN, WISCONSIN 53115 / U.S.A.

DATE: JULY 31, 1980



DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1103

IMPELLER DATA

IMPELLER No. P5-40DD
 TYPE Enclosed - Brass
 DIAMETER 6.470 x 26°
 EFFECTIVE EYE AREA 11.18 Sq. Inches
 NUMBER OF VANES 5
 THRUST CONSTANT K 5.36 Lbs./Ft. of Head
 WR² _____ Lbs. Ft.²
 WEIGHT 9.5 Lbs.
 EYE FLUID VELOCITY 0.029 Ft./Sec./G.P.M.
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

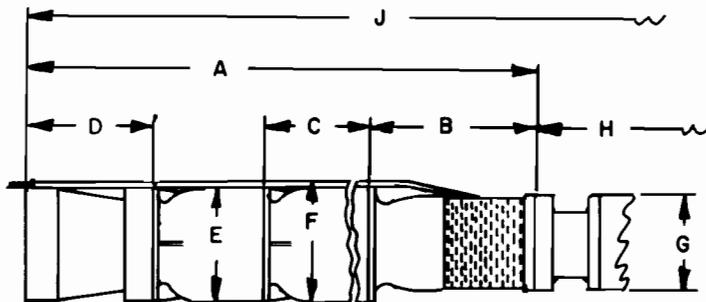
BOWL ASSEMBLY DATA

BOWL No. P101-62E (C.I. Enameled)
 CONNECTION TYPE Bolted
 DISCHARGE TAPPING 8" NPT
 PUMP SHAFT DIA. 1-1/2"
 NUMBER OF STAGES 3

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 8 " MOTOR
 WITH SPEED OF 3495 RPM AT BEP. USE OF
 DIFFERENT SIZE MOTOR, OR DIFFERENT SPEED
 CHARACTERISTIC WILL CHANGE PERFORMANCE.

DIMENSIONS



- A-OVERALL LIQUID END LENGTH
- B-SUCTION CONNECTION LENGTH
- C-STAGE LENGTH
- D-DISCHARGE CONNECTION LENGTH
- E-BOWL DIAMETER
- F-DIAMETER ACROSS LEAD GUARD
- G-MOTOR DIAMETER
- H-MOTOR LENGTH
- J-OVERALL PUMP LENGTH-INCLUDING MOTOR

DIMENSION	A	B	C	D	E	F	G	H	J
INCHES	52-9/16	19-3/16	8-1/4	8-19/32	9-5/8	10-3/16	7-33/64	66-1/8	118-11/16

UNIT WEIGHTS - POUNDS

MOTOR SIZE	8"	
PUMP INCLUDING MOTOR	958	
LIQUID END ONLY	358	