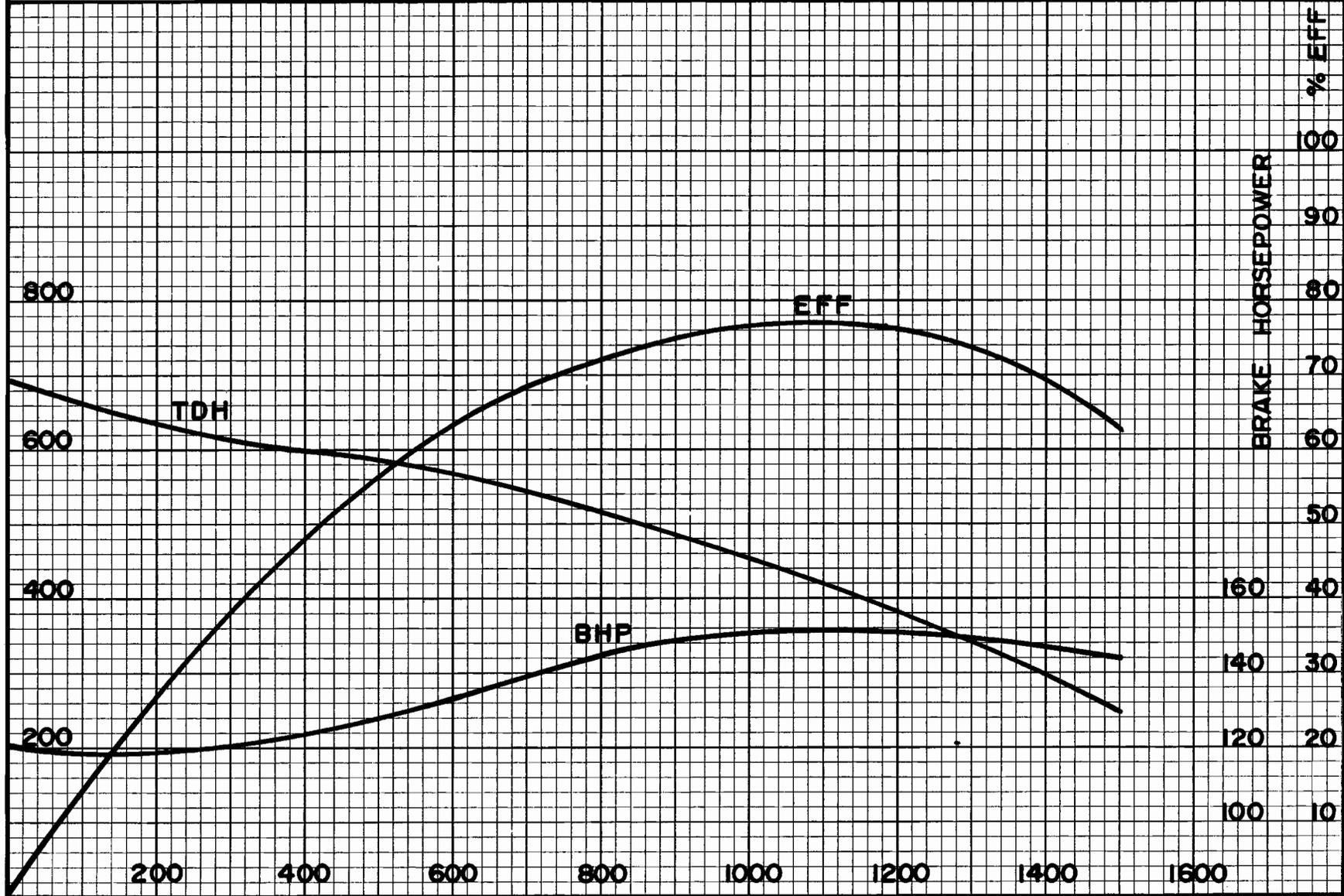


| | | | |
|---------------|---------|------------------|---|
| MODEL: 975Z10 | | IMPELLER NO: |  STARITE INDUSTRIES, INC. Water Equipment Division 293 SOUTH WRIGHT STREET / DELAVAN, WISCONSIN 53115 / U.S.A. |
| SIZE: 10" | | CURVE NO: ST1125 | |
| RPM: 3450 | HP: 150 | OCT. 16, 1980 | |

TOTAL HEAD FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1125

IMPELLER DATA

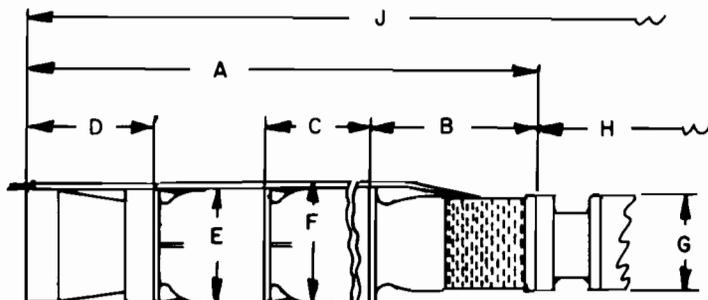
IMPELLER No. P5-42D
 TYPE Enclosed - Brass
 DIAMETER 6.859 x 26°
 EFFECTIVE EYE AREA 14.28 Sq. Inches
 NUMBER OF VANES 5
 THRUST CONSTANT K 6.63 Lbs./Ft. of Head
 WR² _____ Lbs. Ft.²
 WEIGHT 9.6 Lbs.
 EYE FLUID VELOCITY .023 Ft./Sec./G.P.M.
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

BOWL ASSEMBLY DATA

BOWL No. P101-65E (C.I. Enameled)
 CONNECTION TYPE Bolted
 DISCHARGE TAPPING 8" NPT
 PUMP SHAFT DIA. 1½"
 NUMBER OF STAGES 3

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 10 " MOTOR
 WITH SPEED OF 3490 RPM AT B.E.P. 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 | 53-21/32 | 19-3/16 | 8-5/8 | 8-19/32 | 9-5/8 | 10-13/32 | 8-55/64 | 69-3/4 | 123-13/32 |

UNIT WEIGHTS - POUNDS

| | | |
|----------------------|--------|--|
| MOTOR SIZE | 10" | |
| PUMP INCLUDING MOTOR | 1133.5 | |
| LIQUID END ONLY | 363.5 | |