

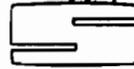
MODEL: 550N10

SIZE: 10"

RPM: 3450

HP: 20

CURVE NO: ST1087



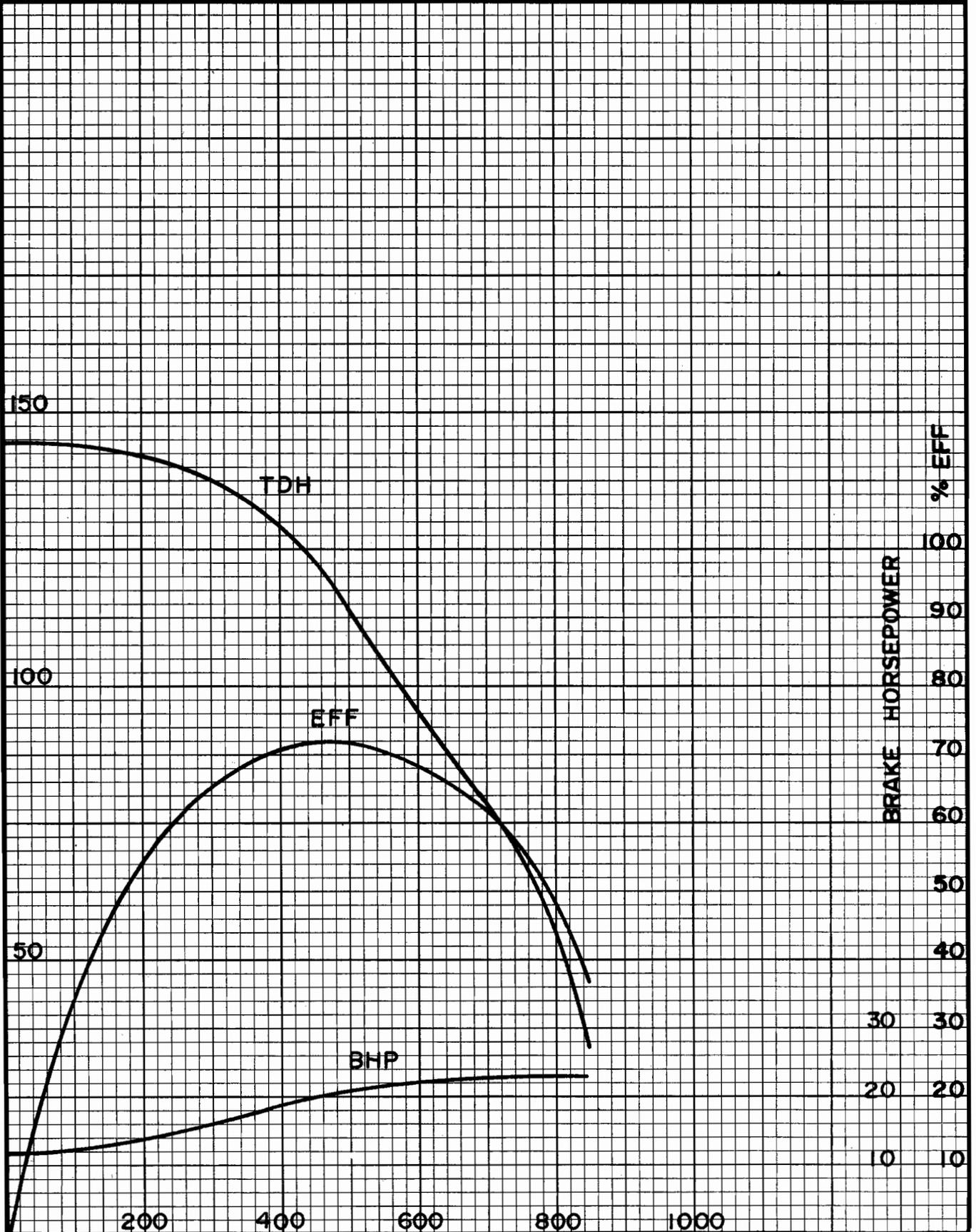
STAIRITE INDUSTRIES, INC.

Water Equipment Division

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

DATE: SEPT. 12, 1979

TOTAL HEAD FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1087

IMPELLER DATA

IMPELLER No. P5-39DF
TYPE Enclosed - Brass
DIAMETER 5.700 x 26°
EFFECTIVE EYE AREA 7.85 Sq. Inches
NUMBER OF VANES 8
THRUST CONSTANT K 4.10 Lbs./Ft. of Head
WR² _____ Lbs. Ft.²
WEIGHT 8.2 Lbs.
EYE FLUID VELOCITY .041 Ft./Sec./G.P.M.
PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

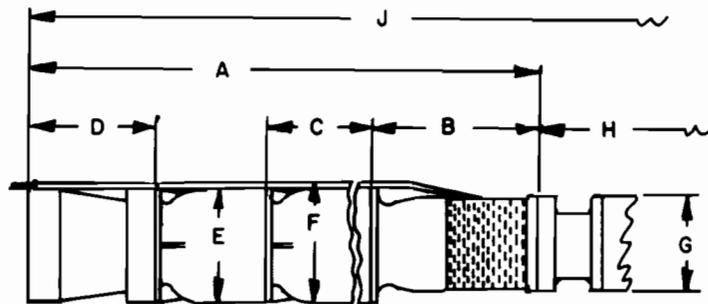
BOWL ASSEMBLY DATA

BOWL No. P101-59E (C.I. Enameled)
CONNECTION TYPE Bolted
DISCHARGE TAPPING 6" NPT
PUMP SHAFT DIA. 1-1/2"
NUMBER OF STAGES 1

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 6 " MOTOR
 WITH SPEED OF 3440 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 | 31-3/4 | 15-7/8 | 7-1/4 | 8-19/32 | 9-5/8 | 10-3/16 | 5-1/2 | 36-1/4 | 68 |

UNIT WEIGHTS - POUNDS

| | | |
|----------------------|-----|--|
| MOTOR SIZE | 6" | |
| PUMP INCLUDING MOTOR | 346 | |
| LIQUID END ONLY | 174 | |