

MODEL: 40N4

SIZE: 4" PUMP - 6" MOTOR

RPM: 3450

HP: 20

CURVE NO: ST1232



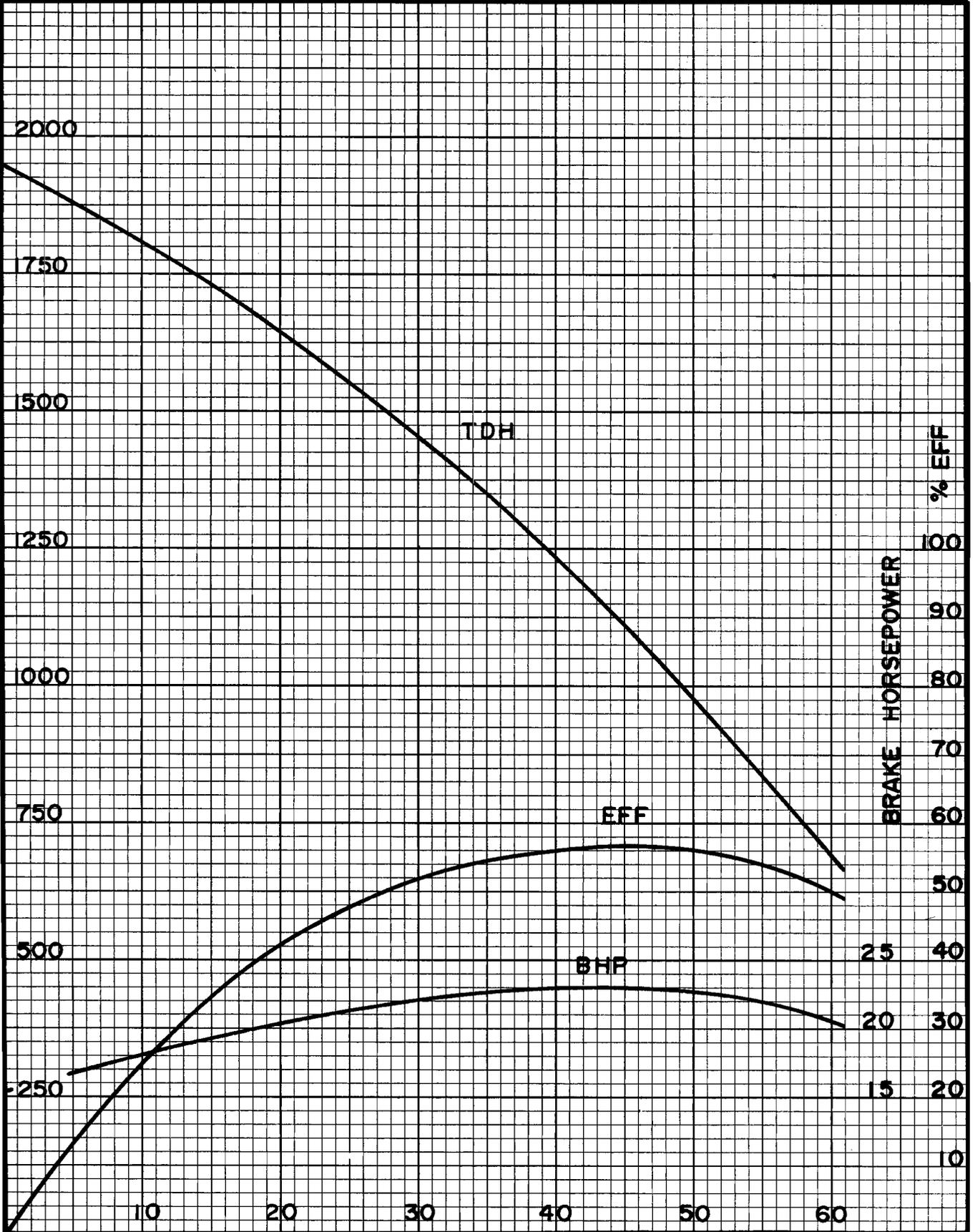
STAIRITE INDUSTRIES, INC.

Water Equipment Division

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

DATE: JUNE 16, 1978

TOTAL HEAD FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1232

IMPELLER DATA

IMPELLER No. P105-21P
 TYPE Plastic w/Brass Hub
 DIAMETER 2.760 x 35°
 EFFECTIVE EYE AREA 1.37 Sq. Inches
 NUMBER OF VANES 6
 THRUST CONSTANT K 1.24 Lbs./Ft. of Head
 WR² _____ Lbs. Ft.²
 WEIGHT .3 Lbs.
 EYE FLUID VELOCITY .234 Ft./Sec./G.P.M.
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

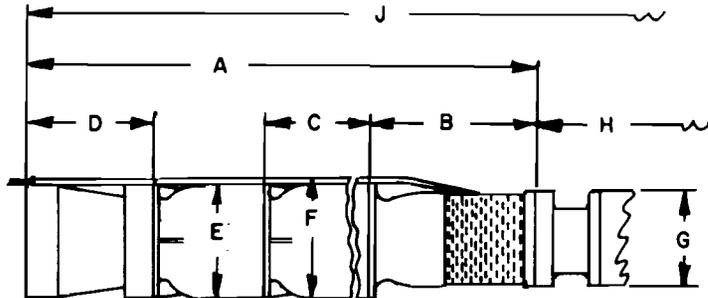
BOWL ASSEMBLY DATA

BOWL No. S.S. Shell Construction
 CONNECTION TYPE None - Bowl Const.
 DISCHARGE TAPPING 2" NPT
 PUMP SHAFT DIA. 3/4"
 NUMBER OF STAGES 64

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 6 " MOTOR
 WITH SPEED OF 3450 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 | 177-27/32 | N/A | N/A | N/A | 3-41/64 | 4-11/64 | 5-1/2 | 36-7/32 | 214-1/16 |

UNIT WEIGHTS - POUNDS

| | | |
|----------------------|-----|--|
| MOTOR SIZE | 6" | |
| PUMP INCLUDING MOTOR | 284 | |
| LIQUID END ONLY | 112 | |