

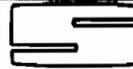
MODEL: 700N8

SIZE: 8"

RPM: 3450

HP: 20

CURVE NO: ST1058



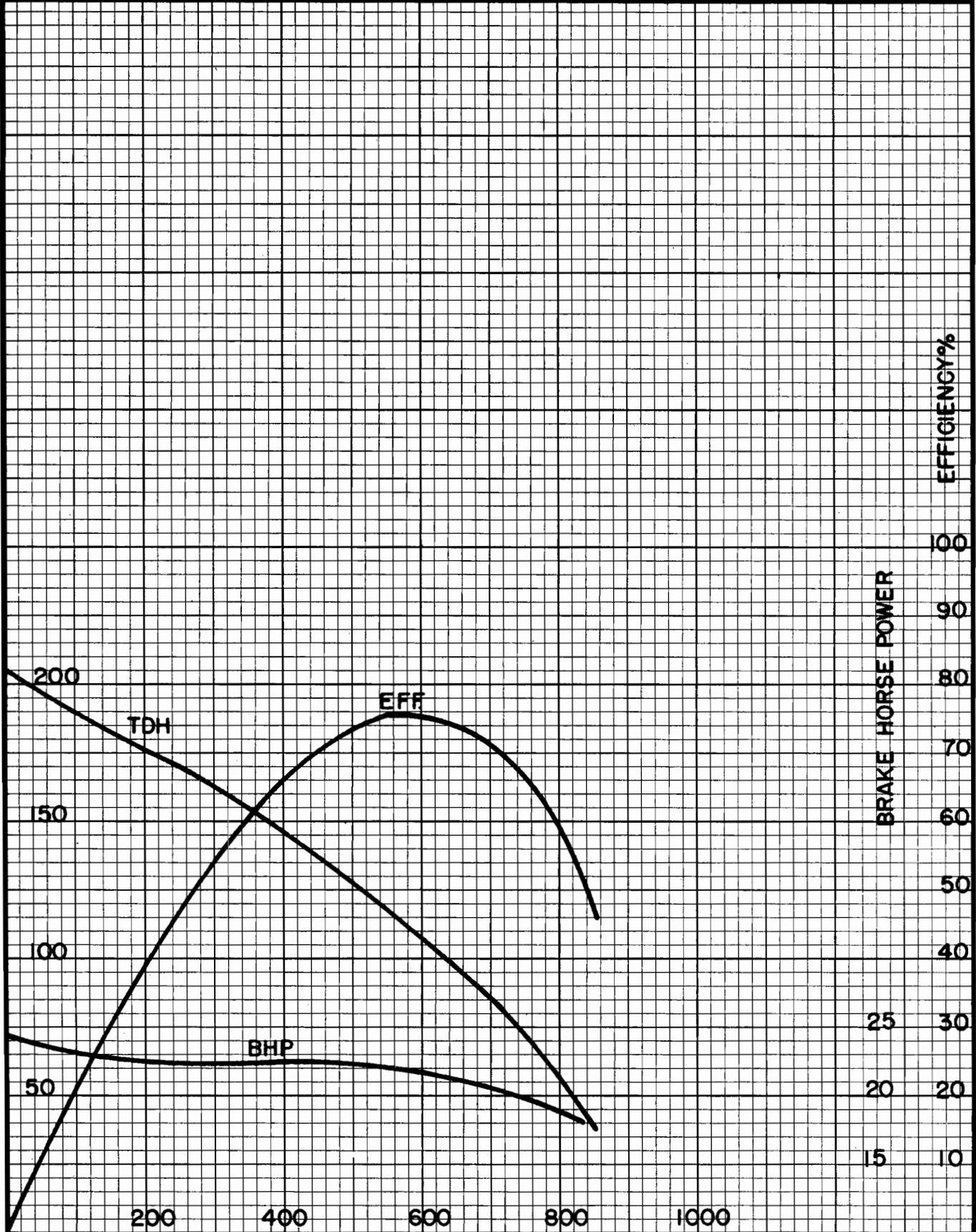
STAIRITE INDUSTRIES, INC.

Water Equipment Division

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

DATE: FEB. 28, 1979

TOTAL HEAD/FEET



CAPACITY US GPM

# DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1058

## IMPELLER DATA

**IMPELLER No.** P5-34DB  
**TYPE** Enclosed - Brass  
**DIAMETER** 4.730 x 26°  
**EFFECTIVE EYE AREA** 12.14 Sq. Inches  
**NUMBER OF VANES** 4  
**THRUST CONSTANT K** 4.65 Lbs./Ft. of Head  
**WR<sup>2</sup>** \_\_\_\_\_ Lbs. Ft.<sup>2</sup>  
**WEIGHT** 4.3 Lbs.  
**EYE FLUID VELOCITY** 0.026 Ft./Sec./G.P.M.  
**PERIPHERAL VELOCITY** 15.05 Ft./Sec./Inch of Impeller Dia.

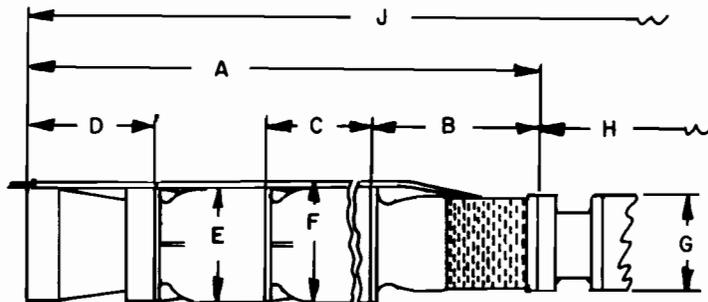
## BOWL ASSEMBLY DATA

**BOWL No.** P101-50 (C.I.)  
**CONNECTION TYPE** Screwed  
**DISCHARGE TAPPING** 6" NPT  
**PUMP SHAFT DIA.** 1-1/4"  
**NUMBER OF STAGES** 2

## PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 6" MOTOR  
 WITH SPEED OF 3420 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	35	13-3/8	6-3/4	8-1/8	7-3/8	7-15/16	5-1/2	36-1/4	71-1/4

### UNIT WEIGHTS - POUNDS

MOTOR SIZE	6"	
PUMP INCLUDING MOTOR	308.5	
LIQUID END ONLY	136.5	