

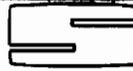
MODEL: 70F4

SIZE: 4"

RPM: 3450

HP: 1 1/2

CURVE NO: ST1000

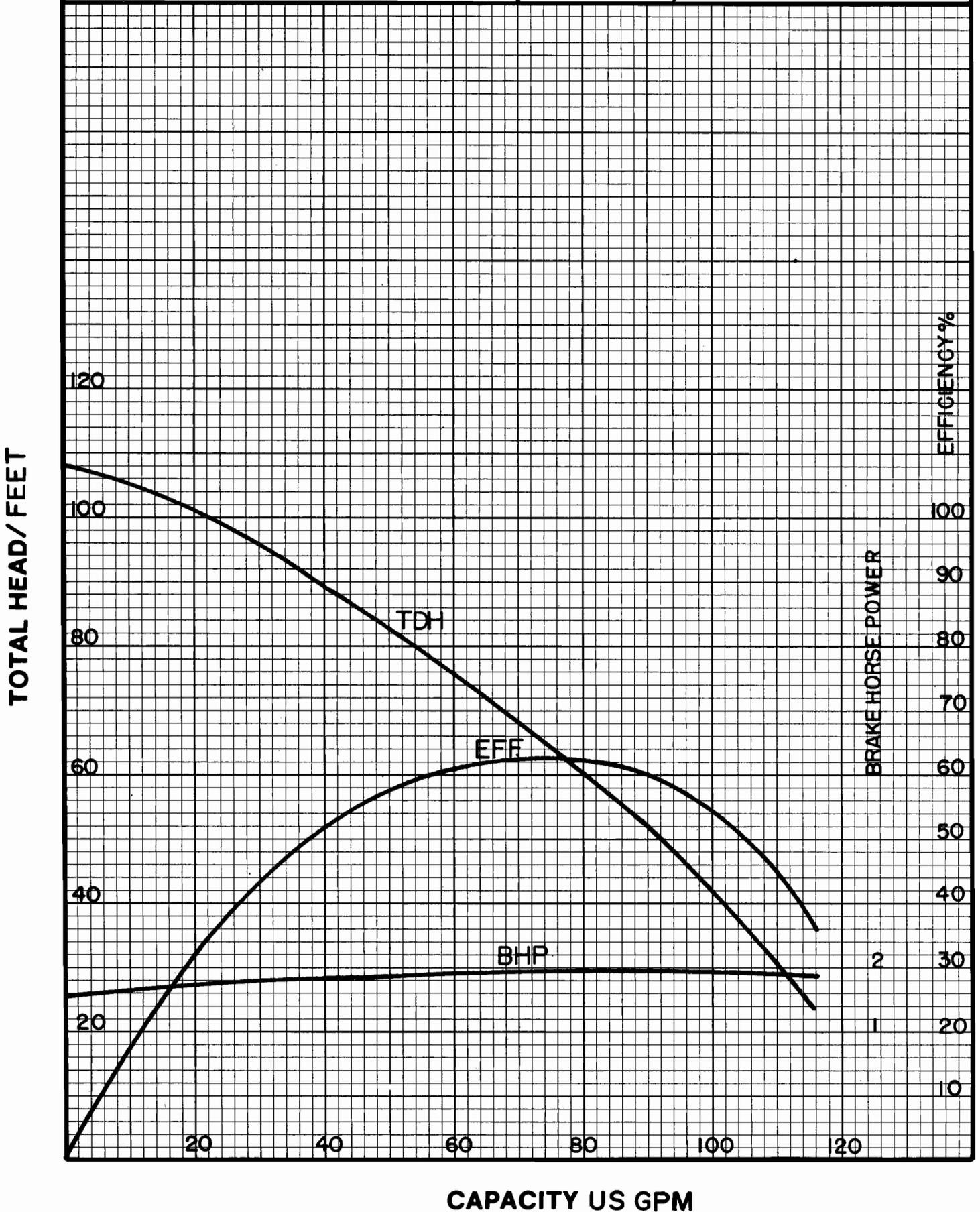


STAIRITE INDUSTRIES, INC.

Water Equipment Division

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

DATE: OCT. 17, 1978



# DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1000

## IMPELLER DATA

IMPELLER No. P5-33P  
 TYPE Enclosed - Plastic  
 DIAMETER 2.838 x 41°  
 EFFECTIVE EYE AREA 2.27 Sq. Inches  
 NUMBER OF VANES 7  
 THRUST CONSTANT K \_\_\_\_\_ Lbs./Ft. of Head  
 WR<sup>2</sup> \_\_\_\_\_ Lbs. Ft.<sup>2</sup>  
 WEIGHT 0.11 Lbs.  
 EYE FLUID VELOCITY 0.141 Ft./Sec./G.P.M.  
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

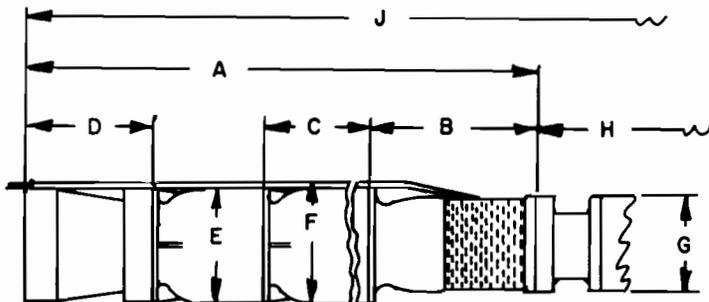
## BOWL ASSEMBLY DATA

BOWL No. P101-51 (C.I.)  
 CONNECTION TYPE Screwed  
 DISCHARGE TAPPING 2-1/2" NPT  
 PUMP SHAFT DIA. 1/2"  
 NUMBER OF STAGES 4

## PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 4" MOTOR  
 WITH SPEED OF 3480 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	22-11/16	4-11/16	3-5/16	4-7/8	3-9/16	3-13/16	3-11/16	18-11/16	41-3/8

### UNIT WEIGHTS - POUNDS

MOTOR SIZE	4"	
PUMP INCLUDING MOTOR	55	
LIQUID END ONLY	21.5	