

MODEL: 1100S10

IMPELLER NO:



SIZE: 10"

CURVE NO: ST1129

STAR-RITE INDUSTRIES, INC.

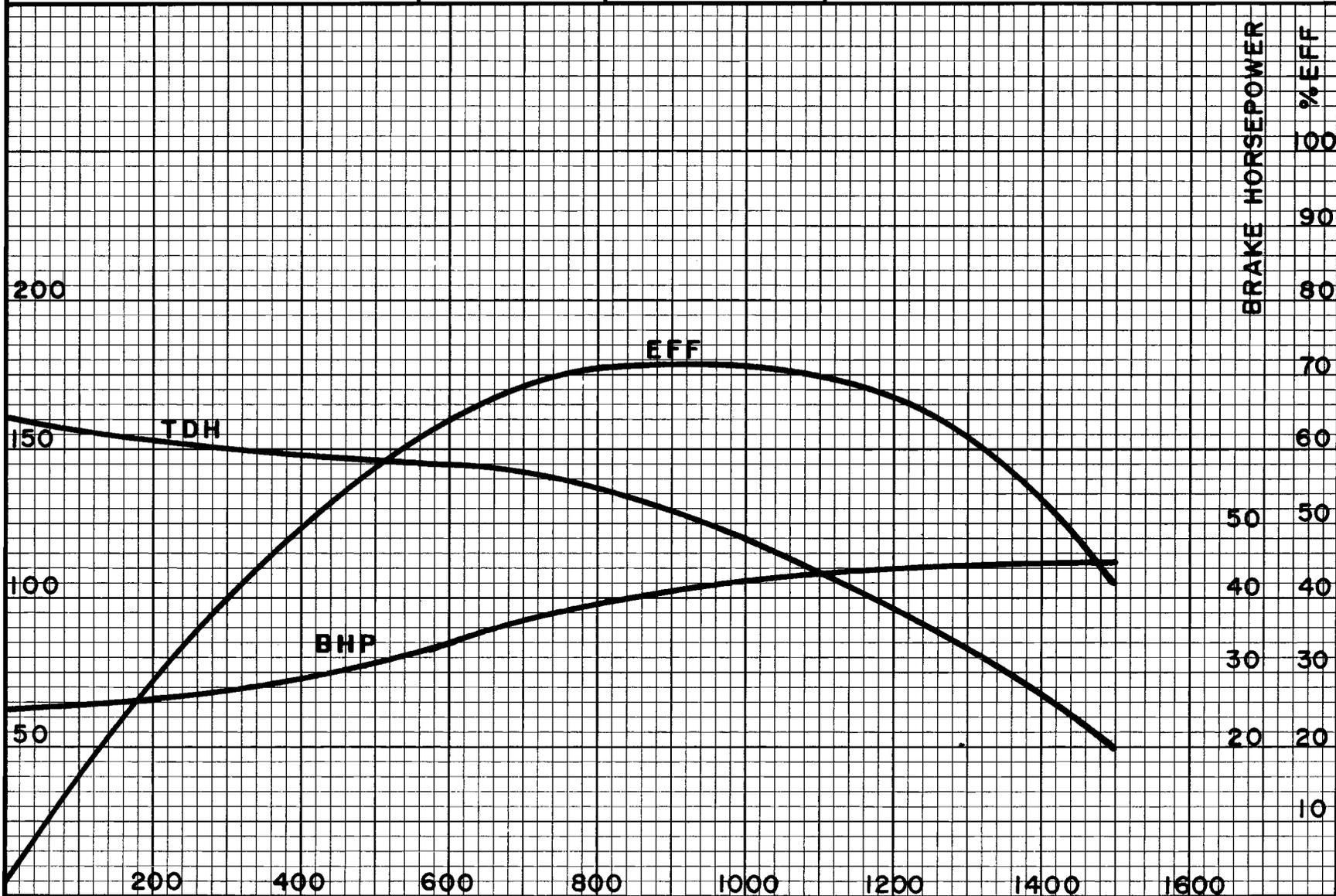
RPM: 3450

HP: 40

AUG. 9, 1979

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

TOTAL HEAD FEET



CAPACITY U.S. G.P.M.

# DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1129

## IMPELLER DATA

IMPELLER No. P5-43DD  
 TYPE Enclosed - Brass  
 DIAMETER 5.900 x 26°  
 EFFECTIVE EYE AREA 14.28 Sq. Inches  
 NUMBER OF VANES 7  
 THRUST CONSTANT K 6.63 Lbs./Ft. of Head  
 WR<sup>2</sup> \_\_\_\_\_ Lbs. Ft.<sup>2</sup>  
 WEIGHT 10 Lbs.  
 EYE FLUID VELOCITY .023 Ft./Sec./G.P.M.  
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

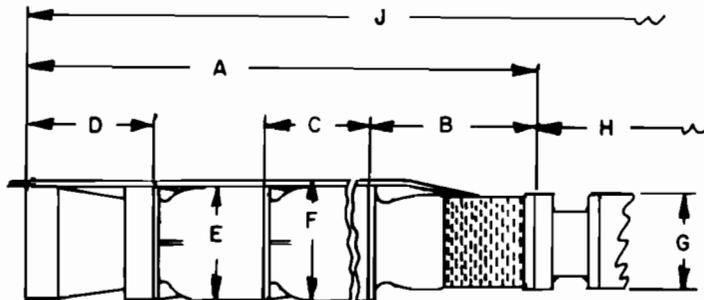
## BOWL ASSEMBLY DATA

BOWL No. P101-65E (C.I. Enameled)  
 CONNECTION TYPE Bolted  
 DISCHARGE TAPPING 8"  
 PUMP SHAFT DIA. 1½"  
 NUMBER OF STAGES 1

## PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 6 " MOTOR  
 WITH SPEED OF 3510 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	33-1/8	15-7/8	8-5/8	8-19/32	9-5/8	10-3/16	5-1/2	41-3/4	74-7/8

### UNIT WEIGHTS - POUNDS

MOTOR SIZE	6"	
PUMP INCLUDING MOTOR	490	
LIQUID END ONLY	180	