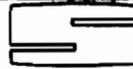


MODEL: 550Y10

SIZE: 10"

RPM: 3450

HP: 125



STARITE INDUSTRIES, INC.

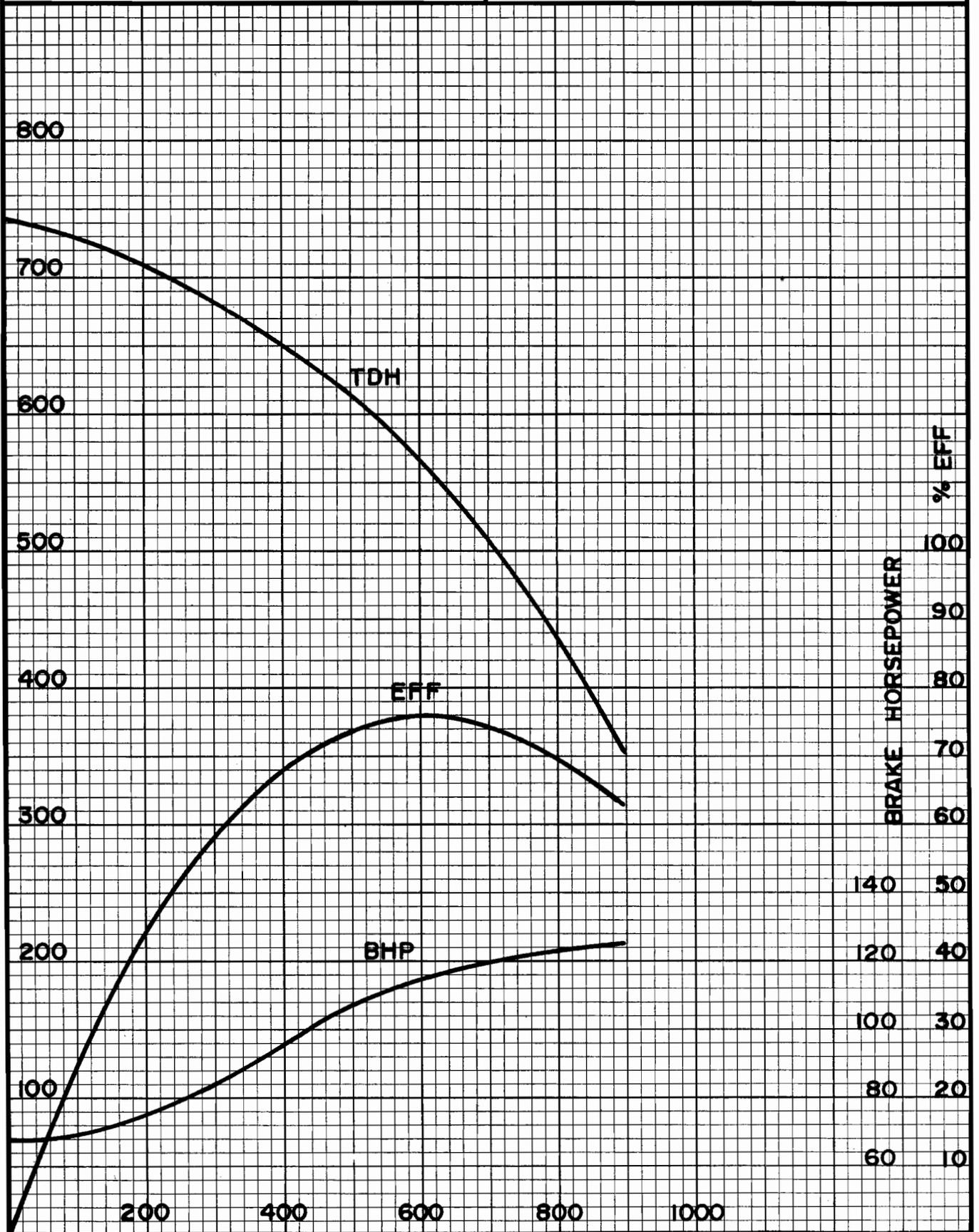
Water Equipment Division

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

CURVE NO: ST1095

DATE: OCT. 13, 1980

TOTAL HEAD FEET



CAPACITY U.S. G.P.M.

# DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1095

## IMPELLER DATA

IMPELLER No. P5-39DA  
 TYPE Enclosed - Brass  
 DIAMETER 7.050 x 26°  
 EFFECTIVE EYE AREA 7.85 Sq. Inches  
 NUMBER OF VANES 8  
 THRUST CONSTANT K 4.10 Lbs./Ft. of Head  
 WR<sup>2</sup> \_\_\_\_\_ Lbs. Ft.<sup>2</sup>  
 WEIGHT 8.2 Lbs.  
 EYE FLUID VELOCITY .041 Ft./Sec./G.P.M.  
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

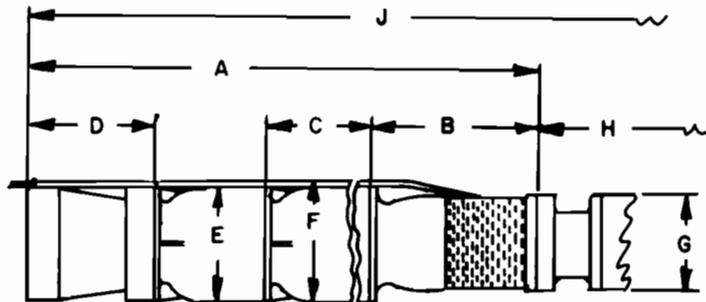
## BOWL ASSEMBLY DATA

BOWL No. P101-59E (C.I. Enameled)  
 CONNECTION TYPE Bolted  
 DISCHARGE TAPPING 6" NPT  
 PUMP SHAFT DIA. 1-1/2"  
 NUMBER OF STAGES 3

## PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 10 " MOTOR  
 WITH SPEED OF 3475 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	49-17/32	19-3/16	7-1/4	8-19/32	9-5/8	10-7/16	8-55/64	58-15/16	108-15/32

### UNIT WEIGHTS - POUNDS

MOTOR SIZE	10"	
PUMP INCLUDING MOTOR	1058.5	
LIQUID END ONLY	348.5	