

MODEL: 90S 6

SIZE: 6"

RPM: 3450

HP: 40

CURVE NO: ST1213

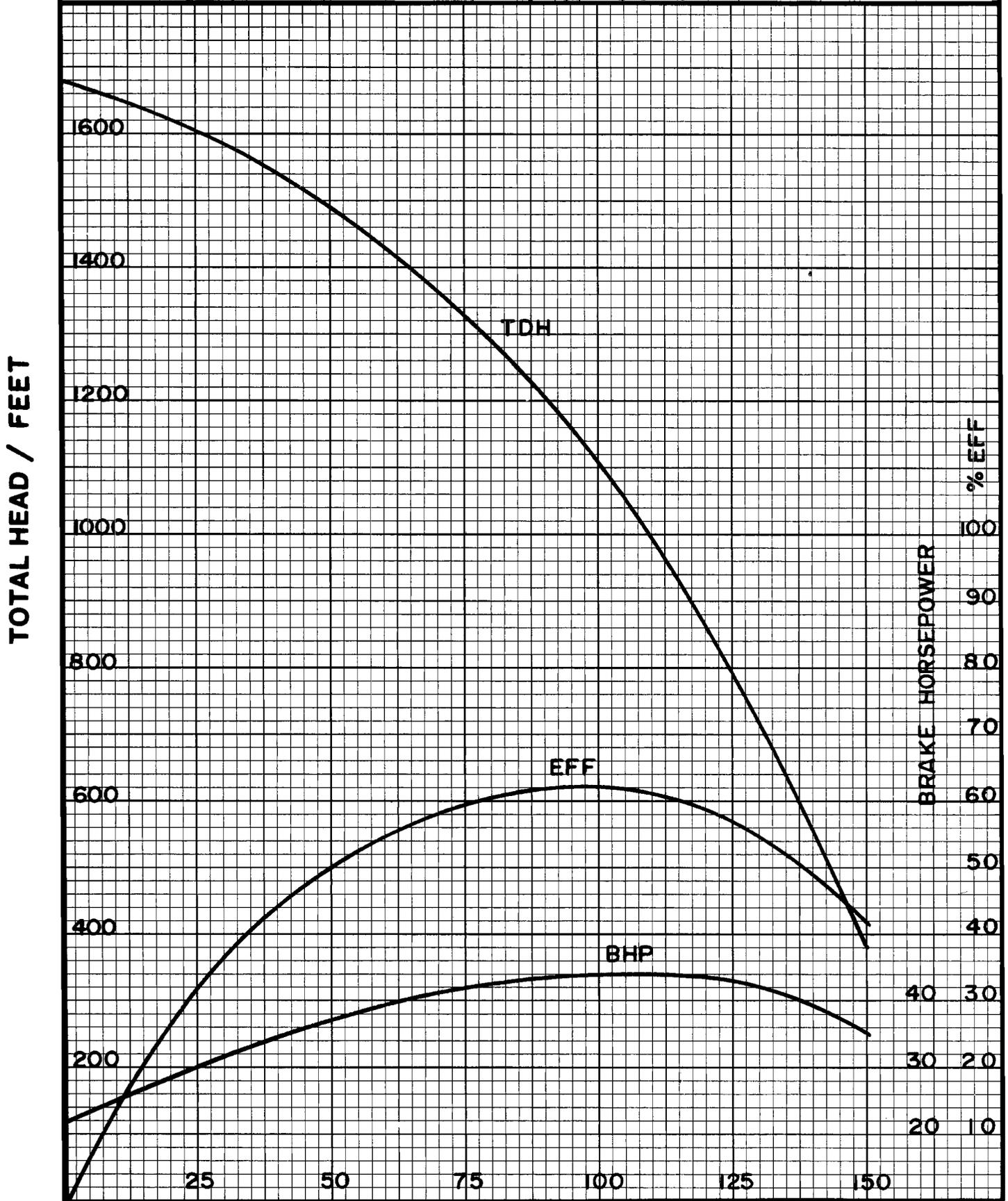


STARITE INDUSTRIES, INC.

Water Equipment Division

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

DATE: JAN. , 1972



CAPACITY U.S. G.P.M.

# DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1213

## IMPELLER DATA

IMPELLER No. P5-15  
 TYPE Enclosed - Brass  
 DIAMETER 4.125 x 20°  
 EFFECTIVE EYE AREA 2.66 Sq. Inches  
 NUMBER OF VANES 6  
 THRUST CONSTANT K 1.85 Lbs./Ft. of Head  
 $WR^2$  \_\_\_\_\_ Lbs. Ft.<sup>2</sup>  
 WEIGHT 2.125 Lbs.  
 EYE FLUID VELOCITY .121 Ft./Sec./G.P.M.  
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

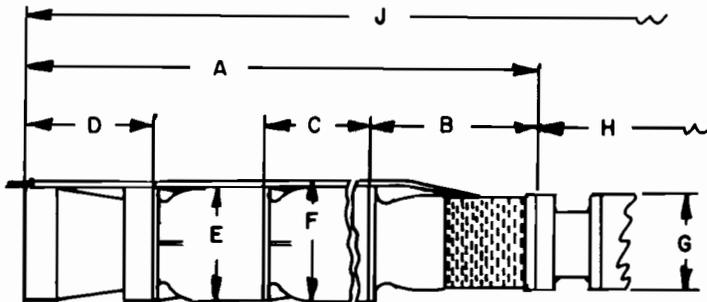
## BOWL ASSEMBLY DATA

BOWL No. P201-28 (C.I.)  
 CONNECTION TYPE Screwed  
 DISCHARGE TAPPING 3" NPT  
 PUMP SHAFT DIA. 1"  
 NUMBER OF STAGES 32

## PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 6 " MOTOR  
 WITH SPEED OF 3450 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	144-1/4	10-3/4	3-15/16	7-1/2	5-1/8	5-5/8	5-1/2	75-3/8	219-5/8

### UNIT WEIGHTS - POUNDS

MOTOR SIZE	6"	
PUMP INCLUDING MOTOR	412.5	
LIQUID END ONLY		756.5