

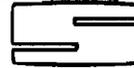
MODEL: 300S8

SIZE: 8"

RPM: 3450

HP: 40

CURVE NO: ST1226

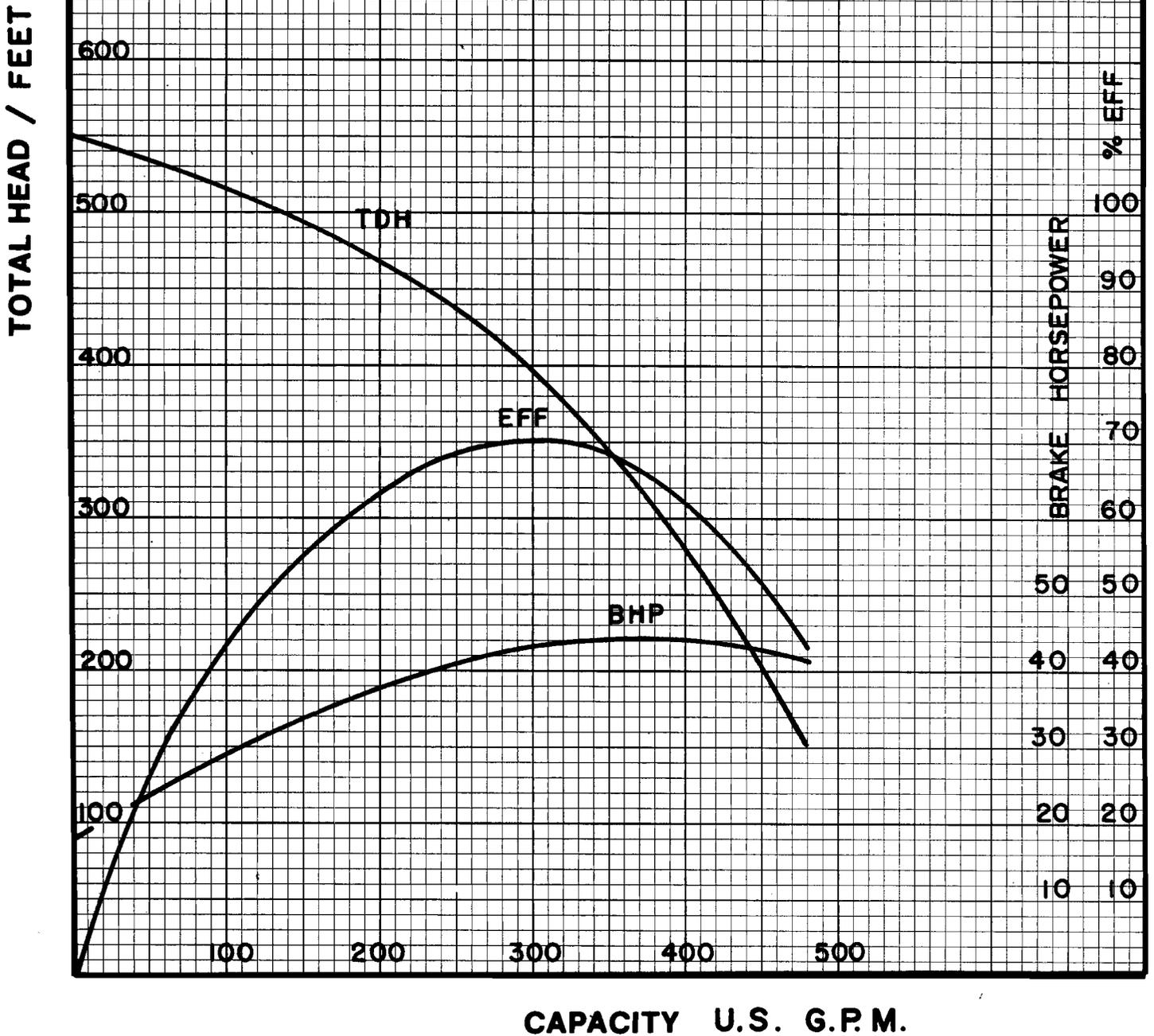


STAIRITE INDUSTRIES, INC.

Water Equipment Division

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

DATE:



# DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1226

## IMPELLER DATA

IMPELLER No. P5-23  
 TYPE Enclosed - Brass  
 DIAMETER 5.770 x 20°  
 EFFECTIVE EYE AREA 6.88 Sq. Inches  
 NUMBER OF VANES 6  
 THRUST CONSTANT K \_\_\_\_\_ Lbs./Ft. of Head  
 WR<sup>2</sup> \_\_\_\_\_ Lbs. Ft.<sup>2</sup>  
 WEIGHT 3.375 Lbs.  
 EYE FLUID VELOCITY .047 Ft./Sec./G.P.M.  
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

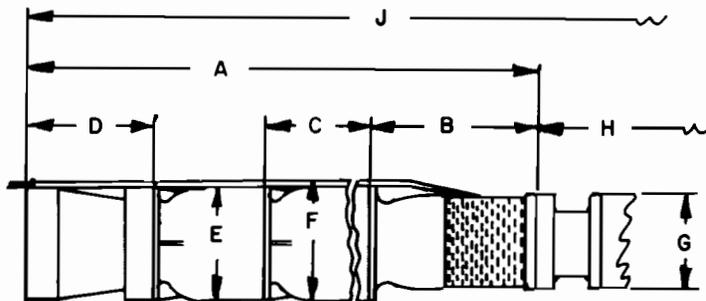
## BOWL ASSEMBLY DATA

BOWL No. P201-27 (C.I.)  
 CONNECTION TYPE Screwed  
 DISCHARGE TAPPING 4" NPT  
 PUMP SHAFT DIA. 1"  
 NUMBER OF STAGES 5

## PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 6 " MOTOR  
 WITH SPEED OF 3450 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    | 46-7/8 | 13-1/16 | 5-1/4 | 7-9/16 | 7-1/8 | 7-5/8 | 5-1/2 | 75-3/8 | 122-1/4 |

### UNIT WEIGHTS - POUNDS

|                      |       |       |
|----------------------|-------|-------|
| MOTOR SIZE           | 6"    |       |
| PUMP INCLUDING MOTOR | 508.5 |       |
| LIQUID END ONLY      |       | 164.5 |