

MODEL: 950Z8

IMPELLER NO:

SIZE: 8" BOWL 10" MOTOR

CURVE NO: ST1077

RPM: 3450 HP: 150

NOV. 16, 1979

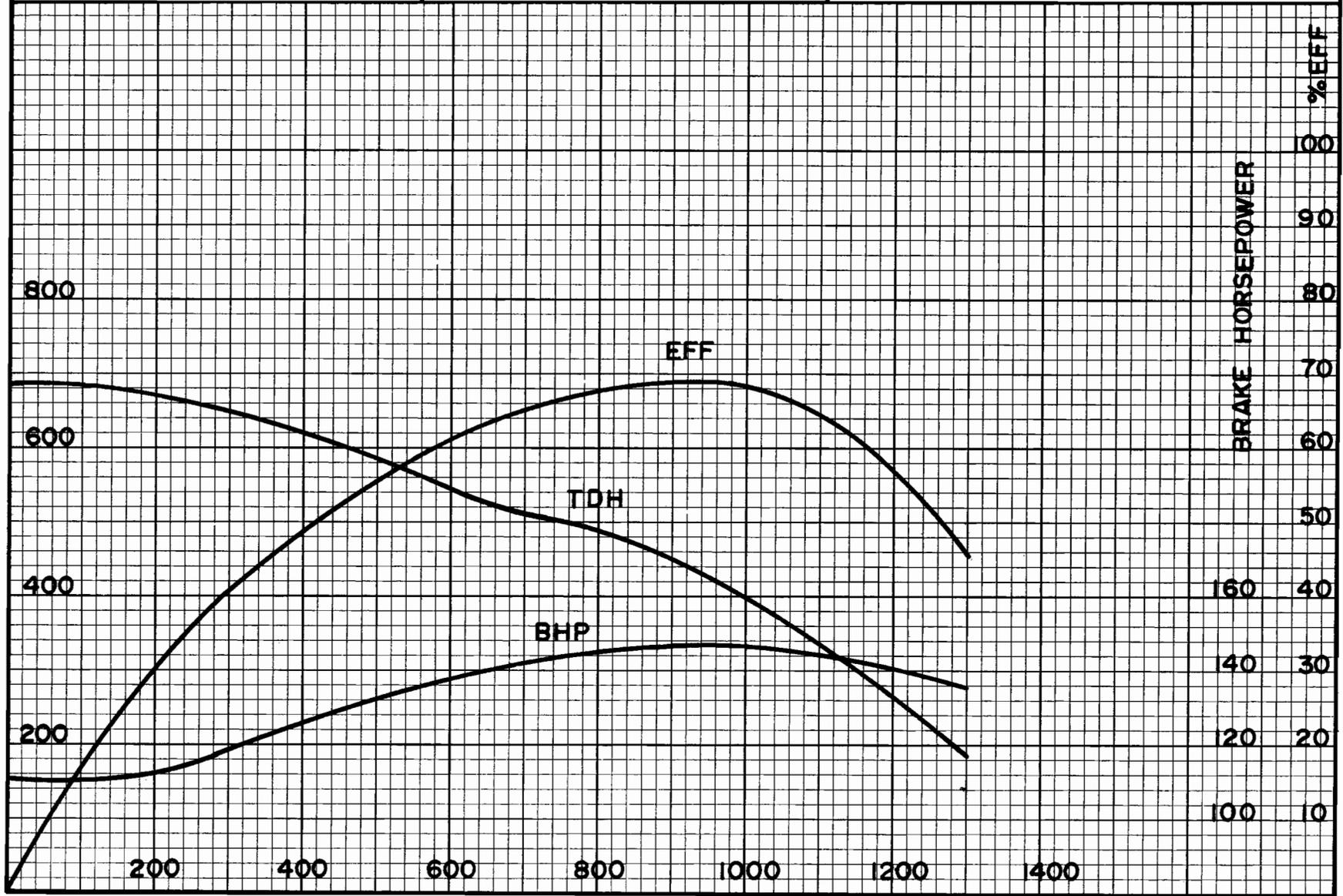


STAR-RITE INDUSTRIES, INC.

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. ST1077

## IMPELLER DATA

**IMPELLER No.** P5-35DD  
**TYPE** Enclosed - Brass  
**DIAMETER** 5.320 x 26°  
**EFFECTIVE EYE AREA** 12.14 Sq. Inches  
**NUMBER OF VANES** 7  
**THRUST CONSTANT K** 4.65 Lbs./Ft. of Head  
**WR<sup>2</sup>** \_\_\_\_\_ Lbs. Ft.<sup>2</sup>  
**WEIGHT** 4.4 Lbs.  
**EYE FLUID VELOCITY** .026 Ft./Sec./G.P.M.  
**PERIPHERAL VELOCITY** 15.05 Ft./Sec./Inch of Impeller Dia.

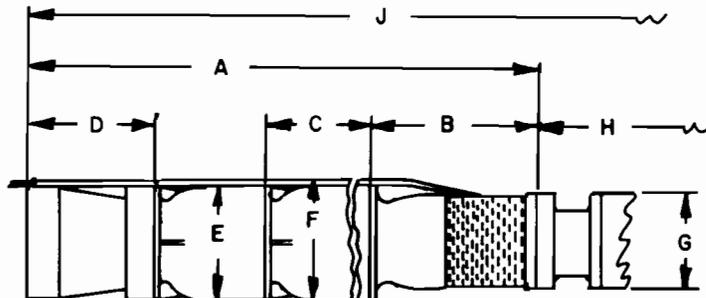
## BOWL ASSEMBLY DATA

**BOWL No.** P101-84A  
**CONNECTION TYPE** Screwed  
**DISCHARGE TAPPING** 6" NPT  
**PUMP SHAFT DIA.** 1-1/4"  
**NUMBER OF STAGES** 5

## PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 10 " MOTOR  
 WITH SPEED OF 3490 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	59	17-1/8	6-3/4	8-1/8	7-5/8	8-7/16	8-55/64	69-3/4	128-3/4

### UNIT WEIGHTS - POUNDS

MOTOR SIZE	10"	
PUMP INCLUDING MOTOR	1034.5	
LIQUID END ONLY	264.5	