

MODEL: 500M8

IMPELLER NO:

SIZE: 8"

CURVE NO: ST1045

RPM: 3450

HP: 15

APRIL 4, 1979

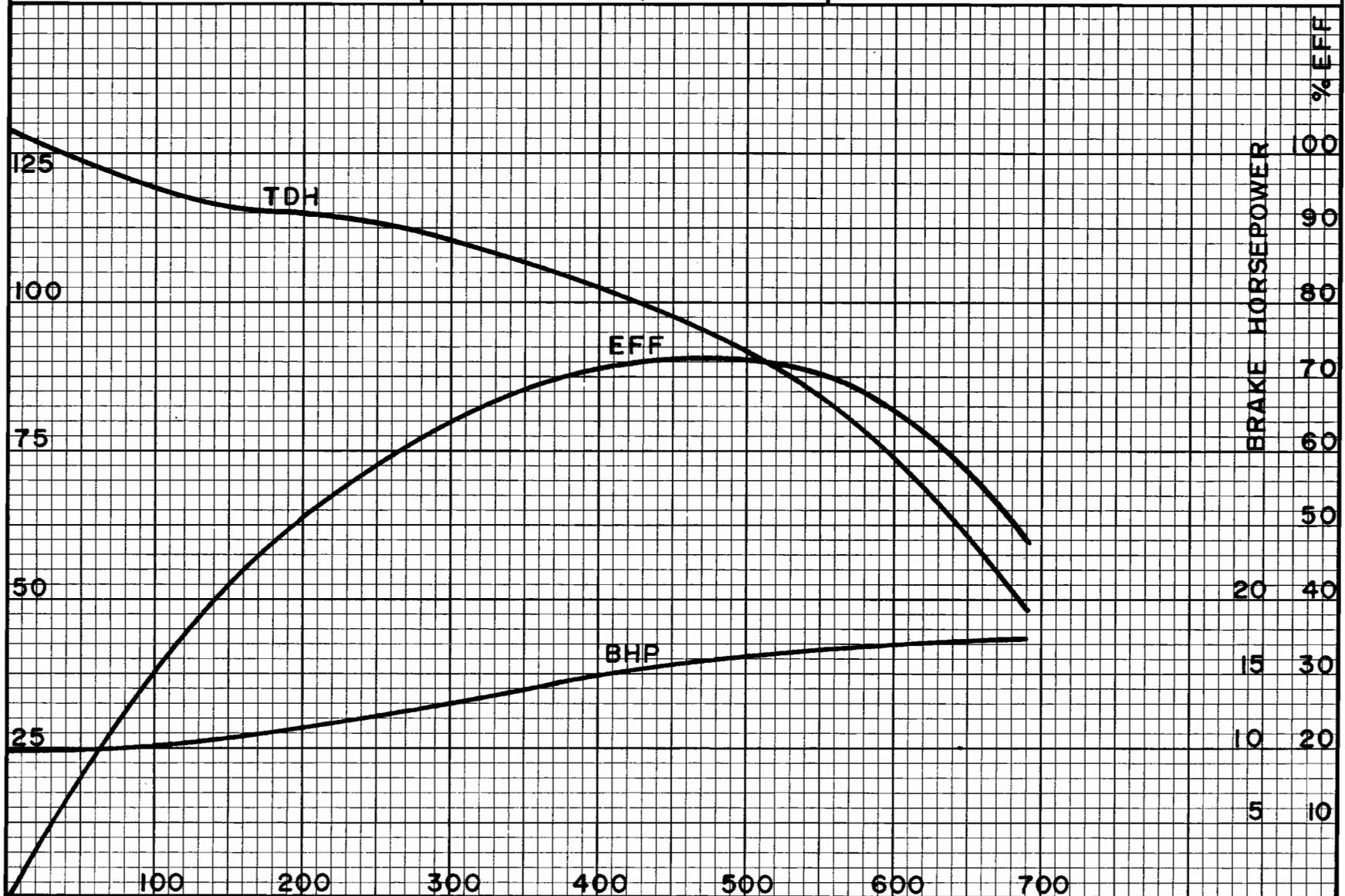


STAR-RITE INDUSTRIES, INC.

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. ST1045

## IMPELLER DATA

IMPELLER No. P5-37DB  
 TYPE Enclosed - Brass  
 DIAMETER 5.170 x 26°  
 EFFECTIVE EYE AREA 7.72 Sq. Inches  
 NUMBER OF VANES 7  
 THRUST CONSTANT K 3.50 Lbs./Ft. of Head  
 WR<sup>2</sup> \_\_\_\_\_ Lbs. Ft.<sup>2</sup>  
 WEIGHT 4.5 Lbs.  
 EYE FLUID VELOCITY 0.042 Ft./Sec./G.P.M.  
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

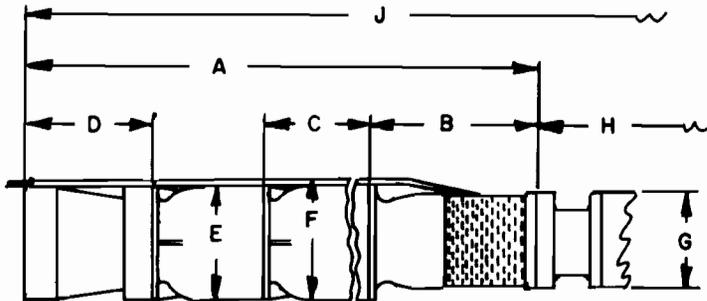
## BOWL ASSEMBLY DATA

BOWL No. P101-49B (C.I.)  
 CONNECTION TYPE Screwed  
 DISCHARGE TAPPING 6" NPT  
 PUMP SHAFT DIA. 1-1/4"  
 NUMBER OF STAGES 1

## PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 6 " MOTOR  
 WITH SPEED OF 3440 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	27-5/8	13-3/8	6-1/8	8-1/8	7-3/8	7-15/16	5-1/2	33-1/2	61-1/8

### UNIT WEIGHTS - POUNDS

MOTOR SIZE	6"	
PUMP INCLUDING MOTOR	270.5	
LIQUID END ONLY	106.5	