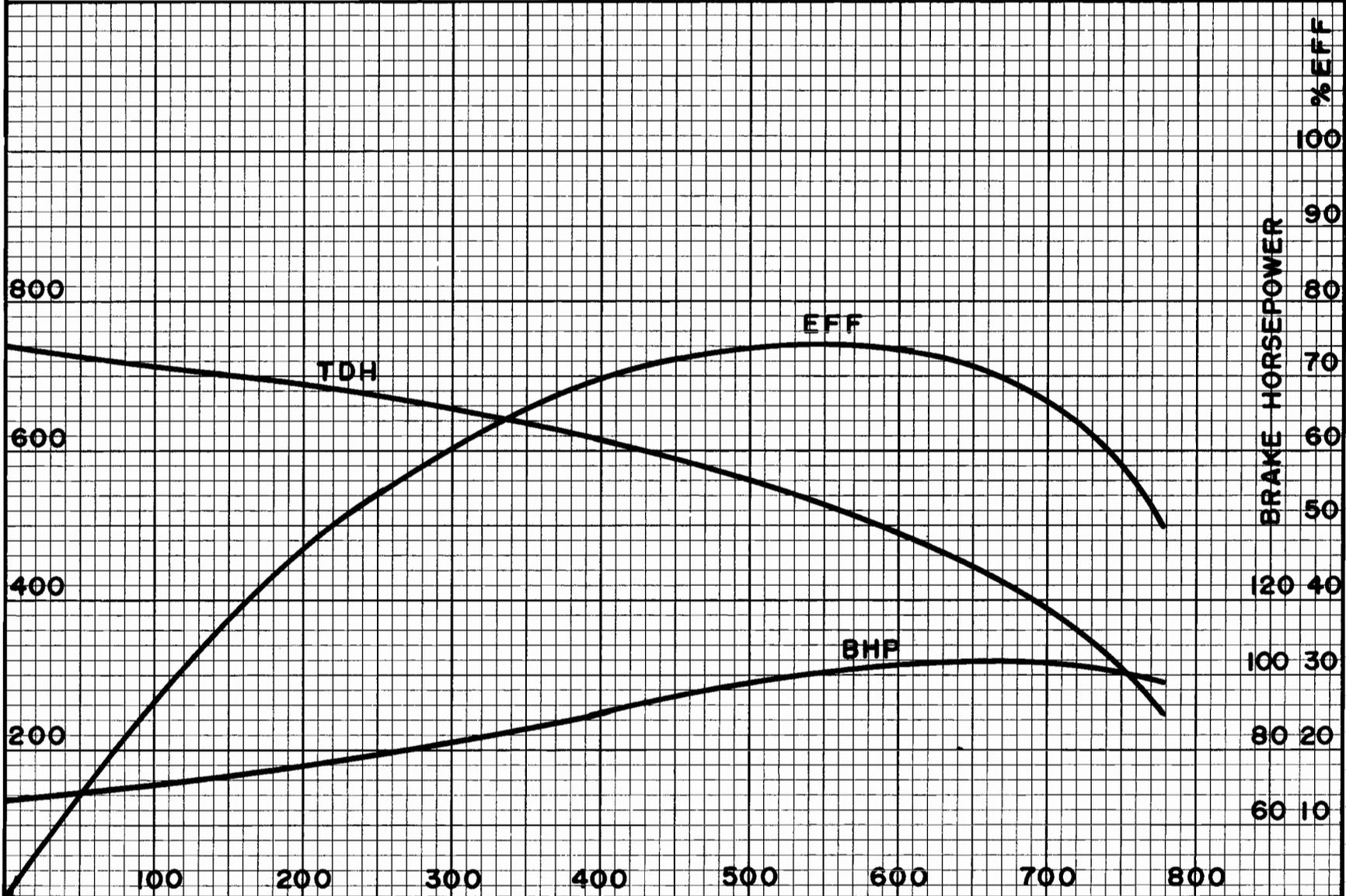


MODEL: 500 X 8	IMPELLER NO:	 STAIRITE INDUSTRIES, INC. Water Equipment Division 293 SOUTH WRIGHT STREET / DELAVAN, WISCONSIN 53115 / U.S.A.
SIZE: 8	CURVE NO: ST1053	
RPM: 3450 HP: 100	DATE FEB. 26, 1980	

TOTAL HEAD / FEET



CAPACITY U. S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1053

IMPELLER DATA

IMPELLER No. P5-37DG
 TYPE Enclosed - Brass
 DIAMETER 5.450 x 26°
 EFFECTIVE EYE AREA 7.72 Sq. Inches
 NUMBER OF VANES 7
 THRUST CONSTANT K 3.50 Lbs./Ft. of Head
 WR² _____ Lbs. Ft.²
 WEIGHT 4.5 Lbs.
 EYE FLUID VELOCITY 0.042 Ft./Sec./G.P.M.
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

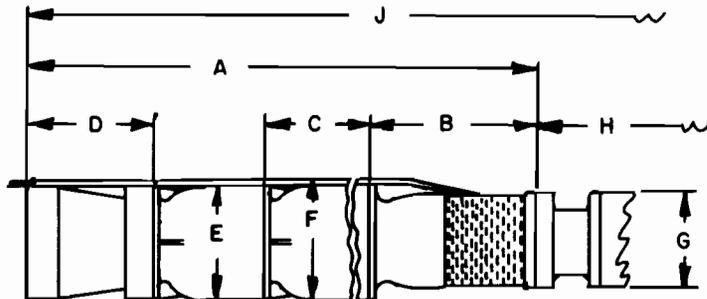
BOWL ASSEMBLY DATA

BOWL No. P101-89A (C.I.)
 CONNECTION TYPE Screwed
 DISCHARGE TAPPING 6" NPT
 PUMP SHAFT DIA. 1-1/4"
 NUMBER OF STAGES 5

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 8 " MOTOR
 WITH SPEED OF 3495 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	55-7/8	17-1/8	6-1/8	8-1/8	7-3/8	7-15/16	7-33/64	66-1/8	122

UNIT WEIGHTS - POUNDS

MOTOR SIZE	8"	
PUMP INCLUDING MOTOR	859	
LIQUID END ONLY	259	