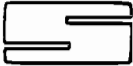
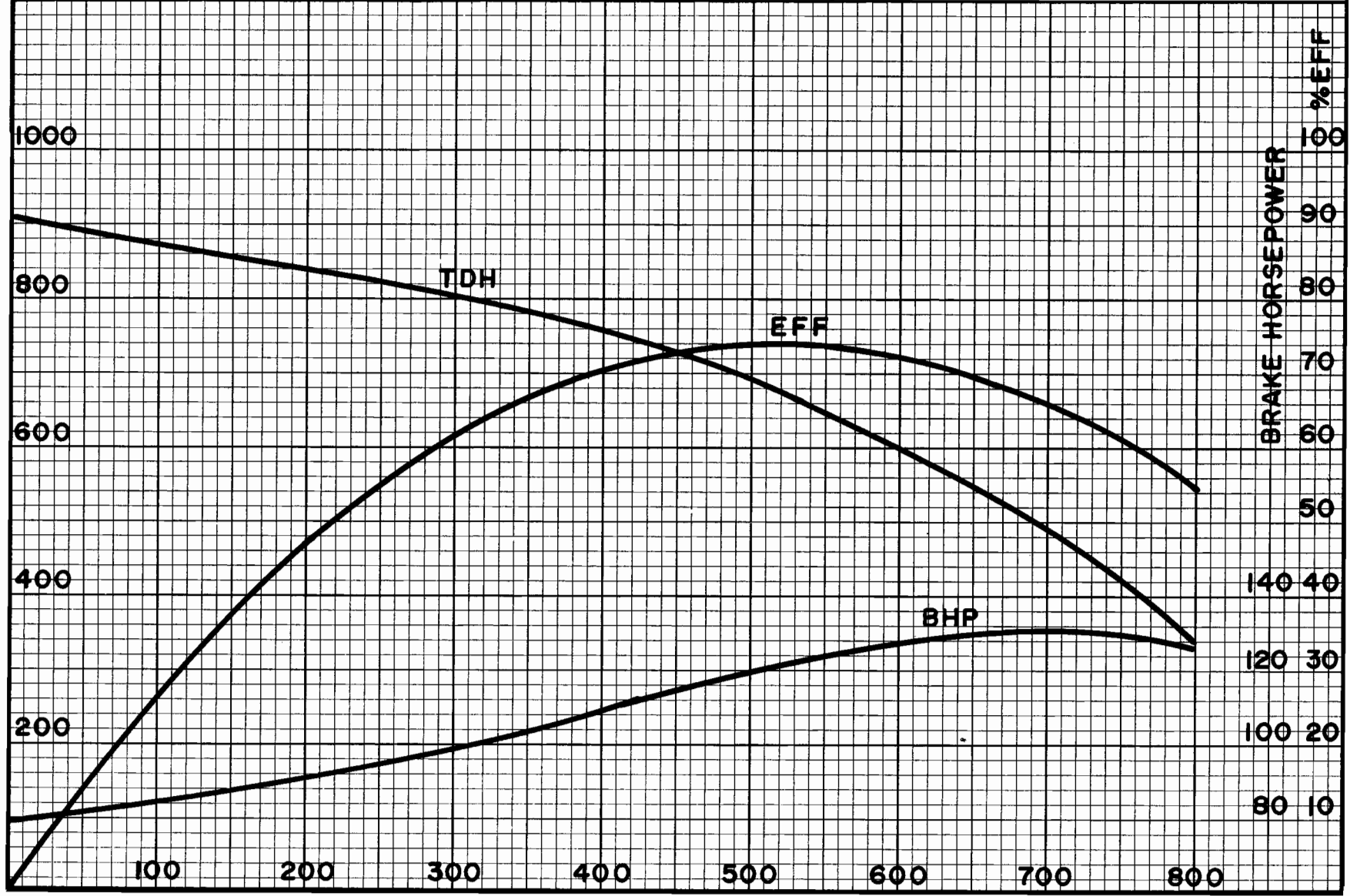


MODEL: 500Y8	IMPELLER NO:	 STAIRITE INDUSTRIES, INC. Water Equipment Division 293 SOUTH WRIGHT STREET / DELAVAN, WISCONSIN 53115 / U.S.A.
SIZE: 8" BOWL 10" MOTOR	CURVE NO: ST 1054	
RPM: 3450 HP: 125	DATE FEB. 20, 1980	

TOTAL HEAD / FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1054

IMPELLER DATA

IMPELLER No. P5-37D
 TYPE Enclosed - Brass
 DIAMETER 5.563 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.

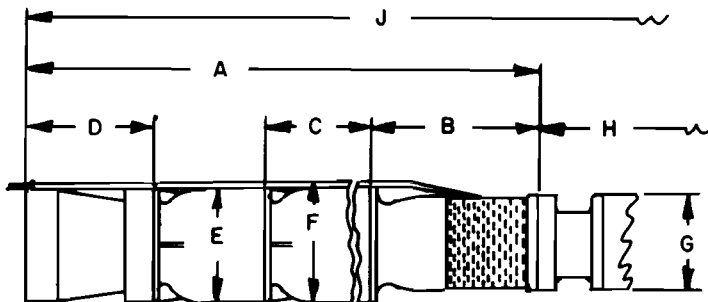
BOWL ASSEMBLY DATA

BOWL No. P101-90A (C.I.)
 CONNECTION TYPE Screwed
 DISCHARGE TAPPING 6" NPT
 PUMP SHAFT DIA. 1-1/4"
 NUMBER OF STAGES 7

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 10 " MOTOR
 WITH SPEED OF 3470 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	68-1/8	17-1/8	6-1/8	8-1/8	7-5/8	8-7/16	8-55/64	58-15/16	127-1/16

UNIT WEIGHTS - POUNDS

MOTOR SIZE	10"	
PUMP INCLUDING MOTOR	1024	
LIQUID END ONLY	314	