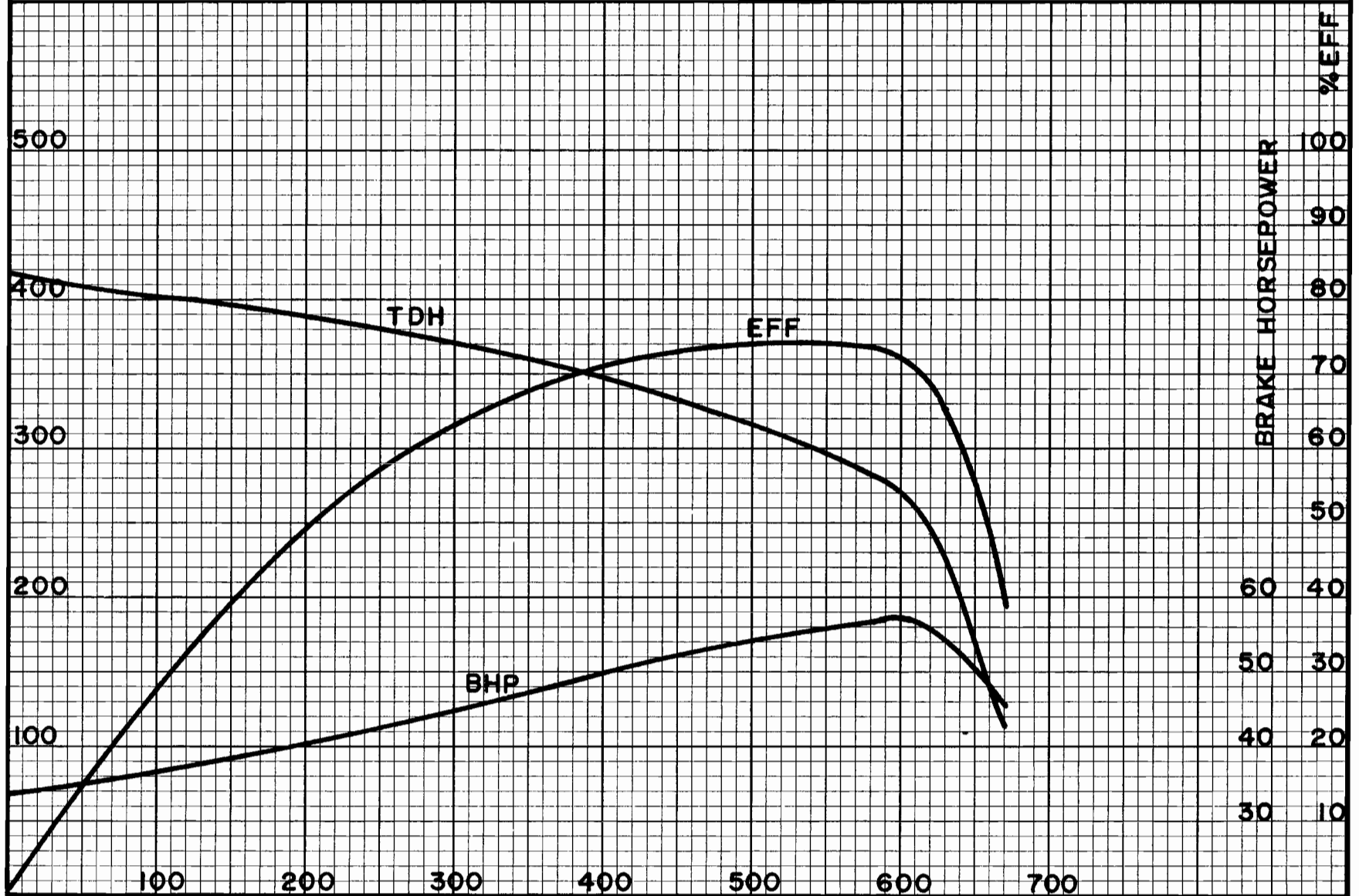


MODEL: 500T8		IMPELLER NO:	 STAIRITE INDUSTRIES, INC. Water Equipment Division 293 SOUTH WRIGHT STREET / DELAVAN, WISCONSIN 53115 / U.S.A.
SIZE: 8"		CURVE NO: ST1050	
RPM: 3 450	HP: 50	APRIL 3, 1979	

TOTAL HEAD / FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1050

IMPELLER DATA

IMPELLER No. P5-37DA
TYPE Enclosed - Brass
DIAMETER 5.410 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.

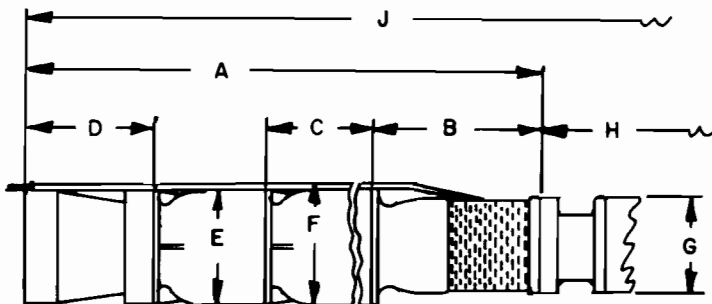
BOWL ASSEMBLY DATA

BOWL No. P101-49B (C.I.)
CONNECTION TYPE Screwed
DISCHARGE TAPPING 6" NPT
PUMP SHAFT DIA. 1-1/4"
NUMBER OF STAGES 3

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 8 " MOTOR
WITH SPEED OF 3490 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	39-7/8	13-3/8	6-1/8	8-1/8	7-3/8	7-15/16	7-33/64	48-1/16	87-15/16
UNIT WEIGHTS - POUNDS									
MOTOR SIZE	8"								
PUMP INCLUDING MOTOR	548								
LIQUID END ONLY	162								