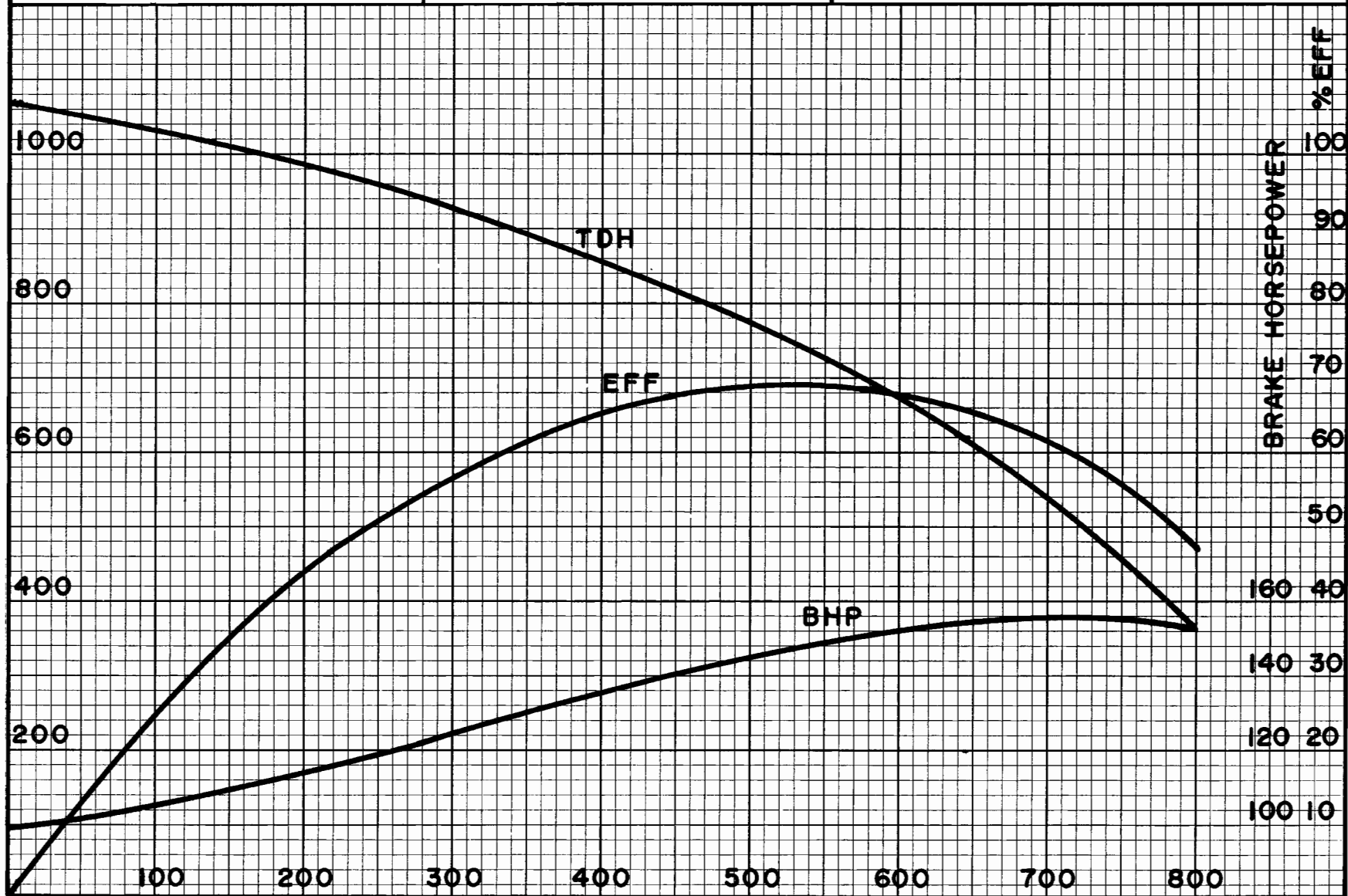


MODEL: 500 Z 8
SIZE: 8" BOWL, 10" MOTOR
RPM: 3450 HP: 150

IMPELLER NO:
CURVE NO: ST1055
DATE FEB. 19, 1980


STAIRITE 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. ST1055

IMPELLER DATA

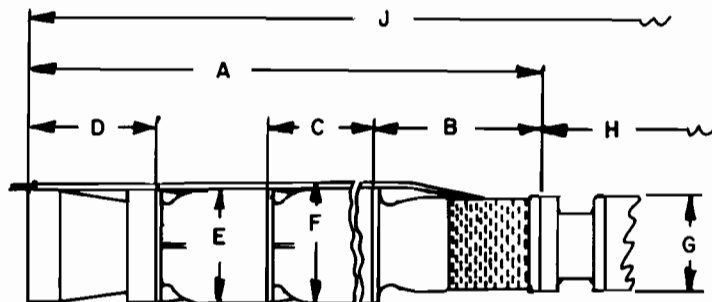
IMPELLER No. P5-37D
TYPE Enclosed - Brass
DIAMETER 5.563 x 26°
EFFECTIVE EYE AREA 7.72 Sq. Inches
NUMBER OF VANES 7
THRUST CONSTANT K 3.50 Lbs./Ft. of Head
WR² Lbs. Ft.²
WEIGHT 4.5 Lbs.
EYE FLUID VELOCITY 0.042 Ft./Sec./G.P.M.
PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

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 8

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	74-1/4	17-1/8	6-1/8	8-1/8	7-5/8	8-7/16	8-55/64	69-3/4	144

UNIT WEIGHTS - POUNDS

MOTOR SIZE	10"	
PUMP INCLUDING MOTOR	1112	
LIQUID END ONLY	342	