

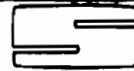
MODEL: 800T10

SIZE: 10"

RPM: 3450

HP: 50

CURVE NO: ST1100



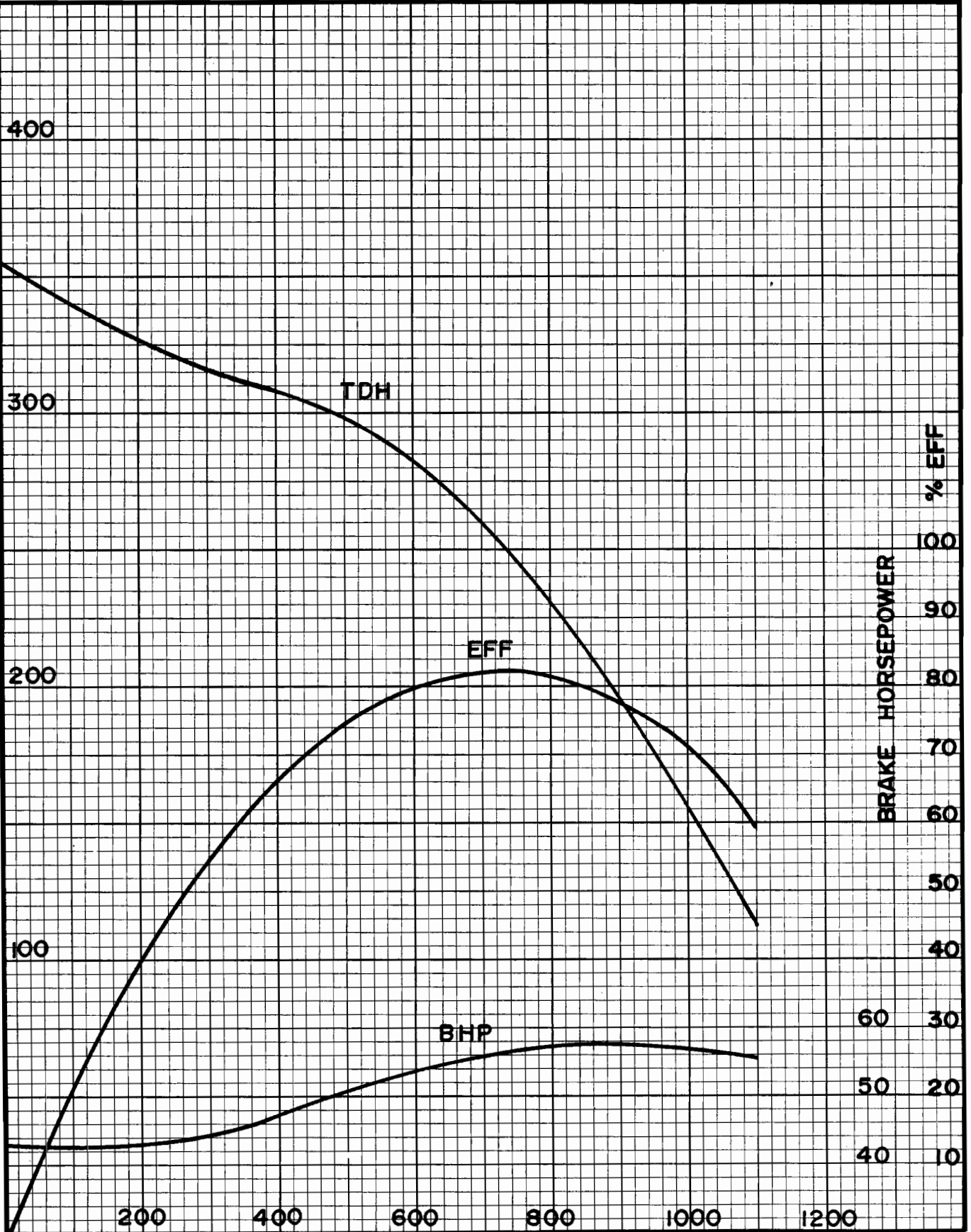
STA-RITE INDUSTRIES, INC.

Water Equipment Division

293 SOUTH WRIGHT STREET / DELAVAN, WISCONSIN 53115 / U.S.A.

DATE: JULY 12, 1979

TOTAL HEAD FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1100

IMPELLER DATA

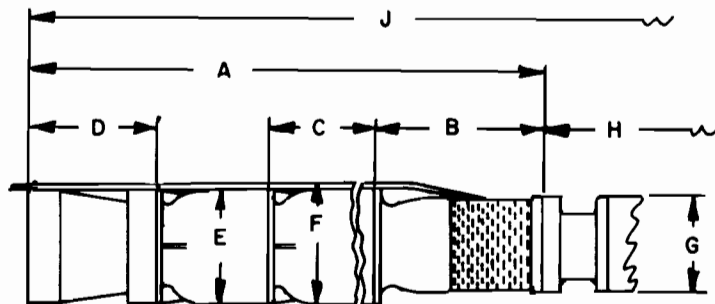
IMPELLER No. P5-40DB
 TYPE Enclosed - Brass
 DIAMETER 6.200 x 26°
 EFFECTIVE EYE AREA 11.18 Sq. Inches
 NUMBER OF VANES 5
 THRUST CONSTANT K 5.36 Lbs./Ft. of Head
 WR² Lbs. Ft.²
 WEIGHT 9.5 Lbs.
 EYE FLUID VELOCITY .029 Ft./Sec./G.P.M.
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

BOWL ASSEMBLY DATA

BOWL No. P101-62E (C.I. Enameled)
 CONNECTION TYPE Bolted
 DISCHARGE TAPPING 8" NPT
 PUMP SHAFT DIA. 1-1/2"
 NUMBER OF STAGES 2

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 8 " MOTOR
 WITH SPEED OF 3480 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	41	15-7/8	8-1/4	8-19/32	9-5/8	10-3/16	7-33/64	48-1/16	89-1/16
UNIT WEIGHTS - POUNDS									

MOTOR SIZE	8"	
PUMP INCLUDING MOTOR	626	
LIQUID END ONLY	240	