

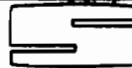
MODEL: 550T10

SIZE: 10"

RPM: 3450

HP: 50

CURVE NO: ST1091



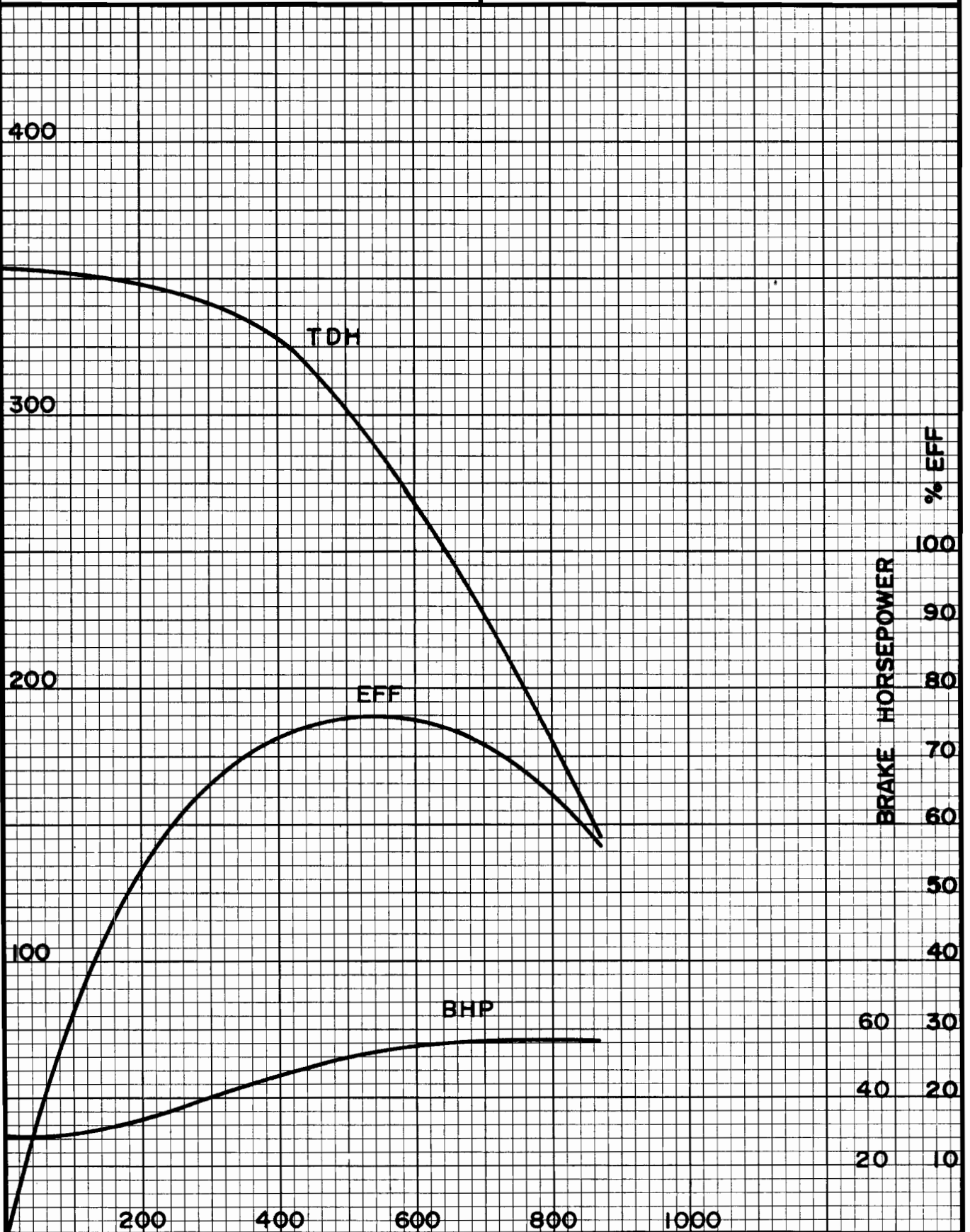
STAR-RITE INDUSTRIES, INC.

Water Equipment Division

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

DATE: SEPT. 10, 1979

TOTAL HEAD FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1091

IMPELLER DATA

IMPELLER No. P5-39DD
 TYPE Enclosed - Brass
 DIAMETER 6.220 x 26°
 EFFECTIVE EYE AREA 7.85 Sq. Inches
 NUMBER OF VANES 8
 THRUST CONSTANT K 4.10 Lbs./Ft. of Head
 WR² Lbs. Ft.²
 WEIGHT 8.2 Lbs.
 EYE FLUID VELOCITY .041 Ft./Sec./G.P.M.
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

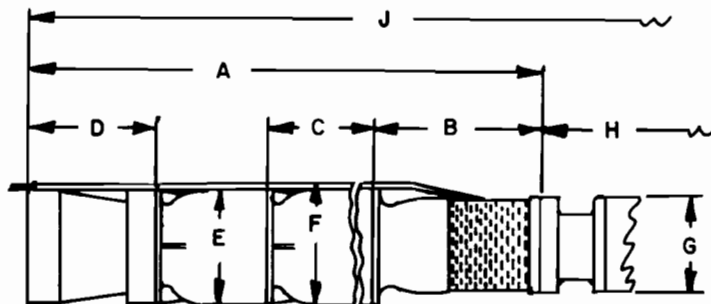
BOWL ASSEMBLY DATA

BOWL No. P101-59E (C.I. Enameled)
 CONNECTION TYPE Bolted
 DISCHARGE TAPPING 6" NPT
 PUMP SHAFT DIA. 1-1/2"
 NUMBER OF STAGES 2

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 8 " 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	39	15-7/8	7-1/4	8-19/32	9-5/8	10-3/16	7-33/64	48-1/16	87-1/16

UNIT WEIGHTS - POUNDS

MOTOR SIZE	8"	
PUMP INCLUDING MOTOR	619.5	
LIQUID END ONLY	233.5	