

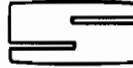
MODEL: 400R8

SIZE: 8"

RPM: 3450

HP: 30

CURVE NO: ST1037



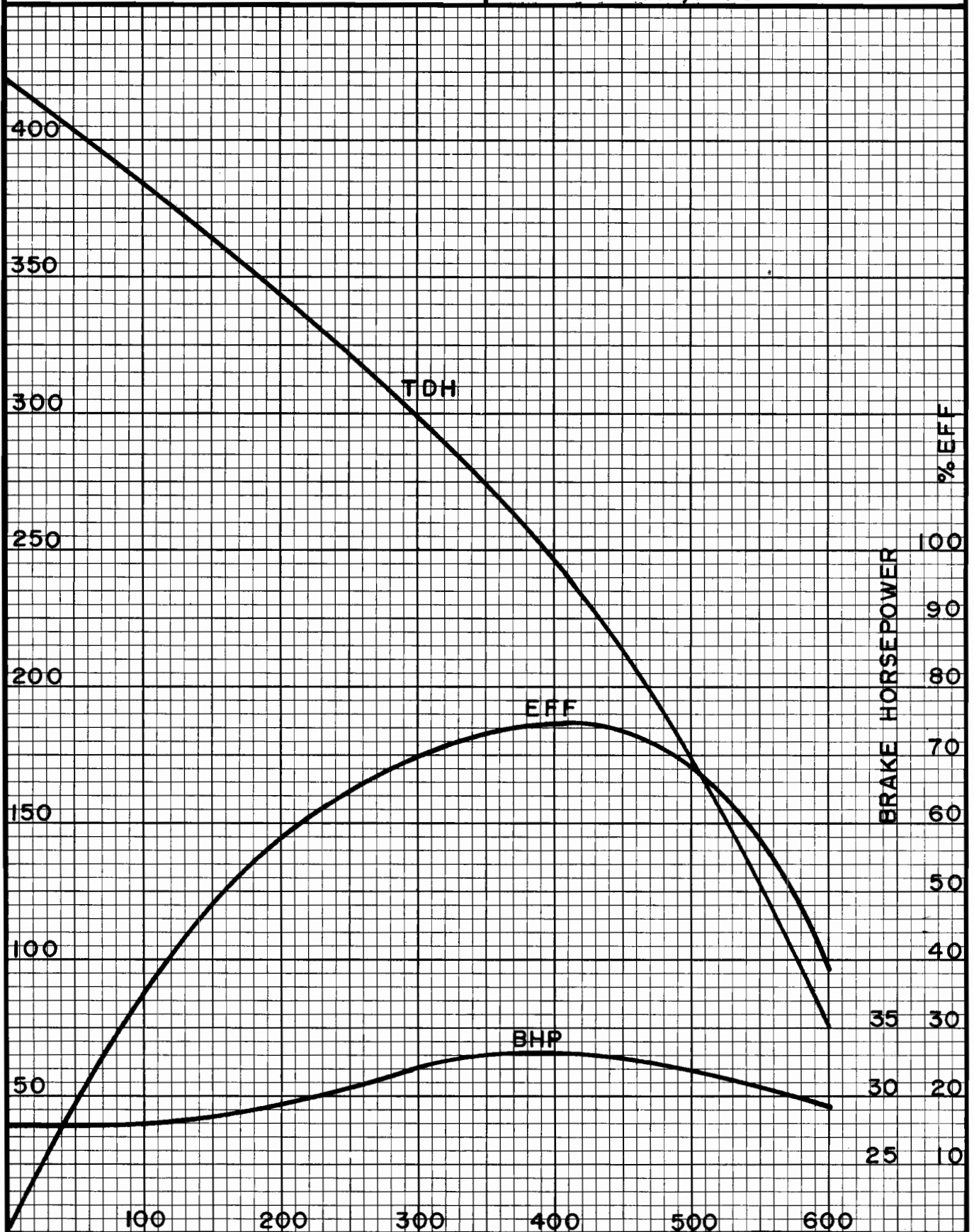
STA-RITE INDUSTRIES, INC.

Water Equipment Division

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

DATE: SEPT. 17, 1979

TOTAL HEAD / FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1037

IMPELLER DATA

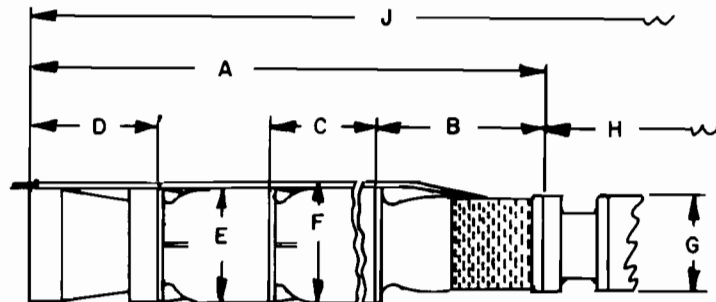
IMPELLER No. P5-36D
 TYPE Enclosed - Brass
 DIAMETER 5.562 x 27°
 EFFECTIVE EYE AREA 7.72 Sq. Inches
 NUMBER OF VANES 4
 THRUST CONSTANT K 3.50 Lbs./Ft. of Head
 WR² Lbs. Ft.²
 WEIGHT 4.5 Lbs.
 EYE FLUID VELOCITY 0.042 Ft./Sec./G.P.M.
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

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 6 " 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	39-7/8	13-3/8	6-1/8	8-1/8	7-3/8	7-15/16	5-1/2	40-9/16	80-7/16

UNIT WEIGHTS - POUNDS

MOTOR SIZE	6"	
PUMP INCLUDING MOTOR	362	
LIQUID END ONLY	162	