

MODEL: 40L4

SIZE: 4" PUMP - 6" MOTOR

RPM: 3450 HP: 10

CURVE NO: ST1230



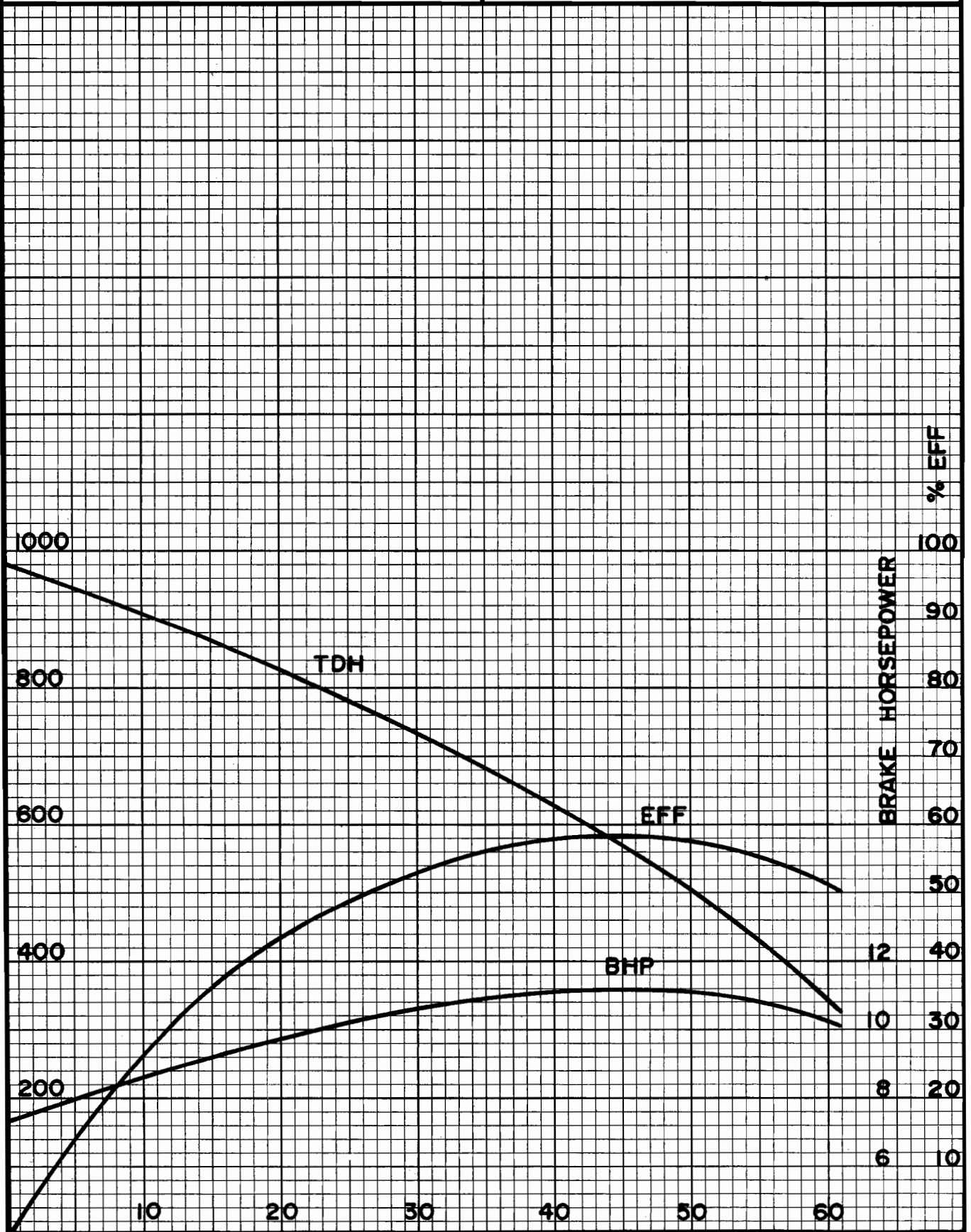
STA-RITE INDUSTRIES, INC.

Water Equipment Division

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

DATE: MAY 15, 1978

TOTAL HEAD FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1230

IMPELLER DATA

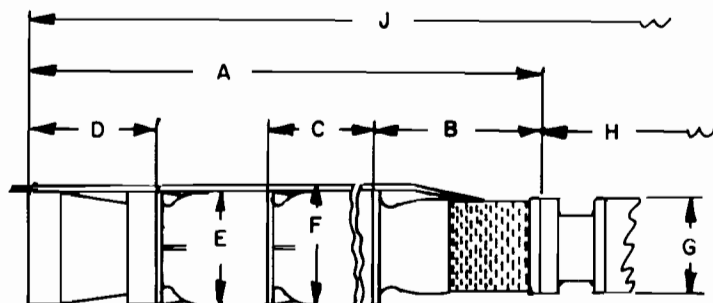
IMPELLER No. P105-21P
 TYPE Plastic w/Brass Hub
 DIAMETER 2.760 x 35°
 EFFECTIVE EYE AREA 1.37 Sq. Inches
 NUMBER OF VANES 6
 THRUST CONSTANT K 1.24 Lbs./Ft. of Head
 WR² Lbs. Ft.²
 WEIGHT .3 Lbs.
 EYE FLUID VELOCITY .234 Ft./Sec./G.P.M.
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

BOWL ASSEMBLY DATA

BOWL No. S.S. Shell Construction
 CONNECTION TYPE None - Bowl Const.
 DISCHARGE TAPPING 2" NPT
 PUMP SHAFT DIA. 3/4"
 NUMBER OF STAGES 32

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 6 " MOTOR
 WITH SPEED OF 3450 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	93-21/64	N/A	N/A	N/A	3-41/64	4-11/64	5-1/2	29-59/64	123-1/4

UNIT WEIGHTS - POUNDS

MOTOR SIZE	6"	
PUMP INCLUDING MOTOR	225	
LIQUID END ONLY	82	