

MODEL: 225S8

SIZE: 8"

RPM: 3450

HP: 40

CURVE NO: ST 1018



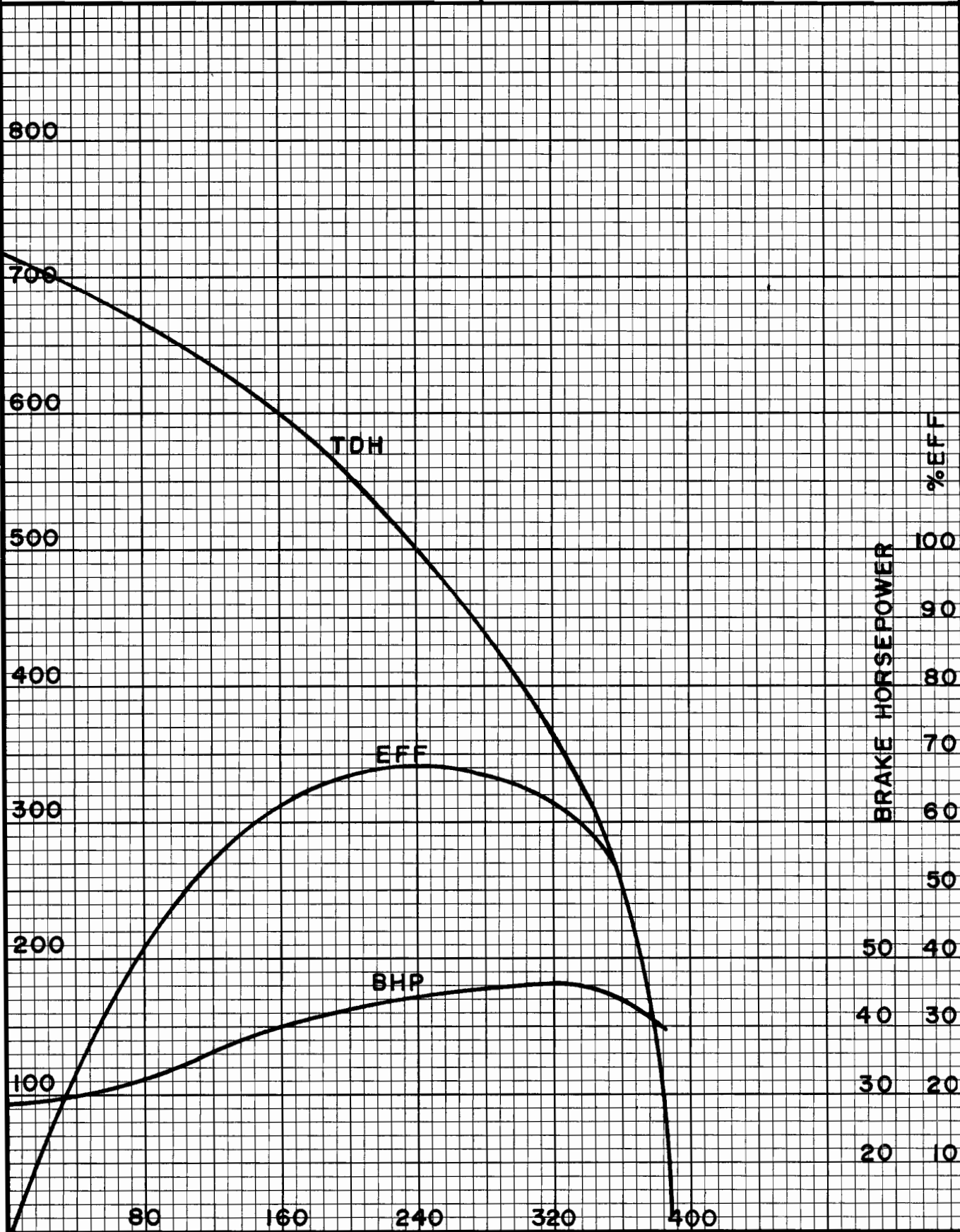
STA-RITE INDUSTRIES, INC.

Water Equipment Division

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

DATE REV. JAN. 12, 1983

TOTAL HEAD / FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1018

IMPELLER DATA

IMPELLER No. P5-47DA
TYPE Enclosed - Brass
DIAMETER 5.650 x 26°
EFFECTIVE EYE AREA 4.71 Sq. Inches
NUMBER OF VANES 5
THRUST CONSTANT K 2.55 Lbs./Ft. of Head
WR² Lbs. Ft.²
WEIGHT 4.5 Lbs.
EYE FLUID VELOCITY .068 Ft./Sec./G.P.M.
PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

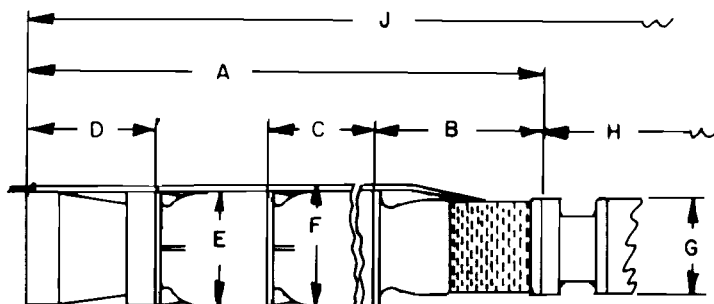
BOWL ASSEMBLY DATA

BOWL No. P101-56 (C.I.)
CONNECTION TYPE Screwed
DISCHARGE TAPPING 6" NPT
PUMP SHAFT DIA. 1-1/4"
NUMBER OF STAGES 5

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 8 " MOTOR
WITH SPEED OF 3500 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	49-5/8	13-3/8	5-5/8	8-1/8	7-3/8	7-15/16	7-33/64	45-5/16	94-15/16

UNIT WEIGHTS - POUNDS

MOTOR SIZE	8"	
PUMP INCLUDING MOTOR	588.5	
LIQUID END ONLY	224.5	