

MODEL: 700S8

SIZE: 8"

RPM: 3450

HP: 40

CURVE NO: ST1061



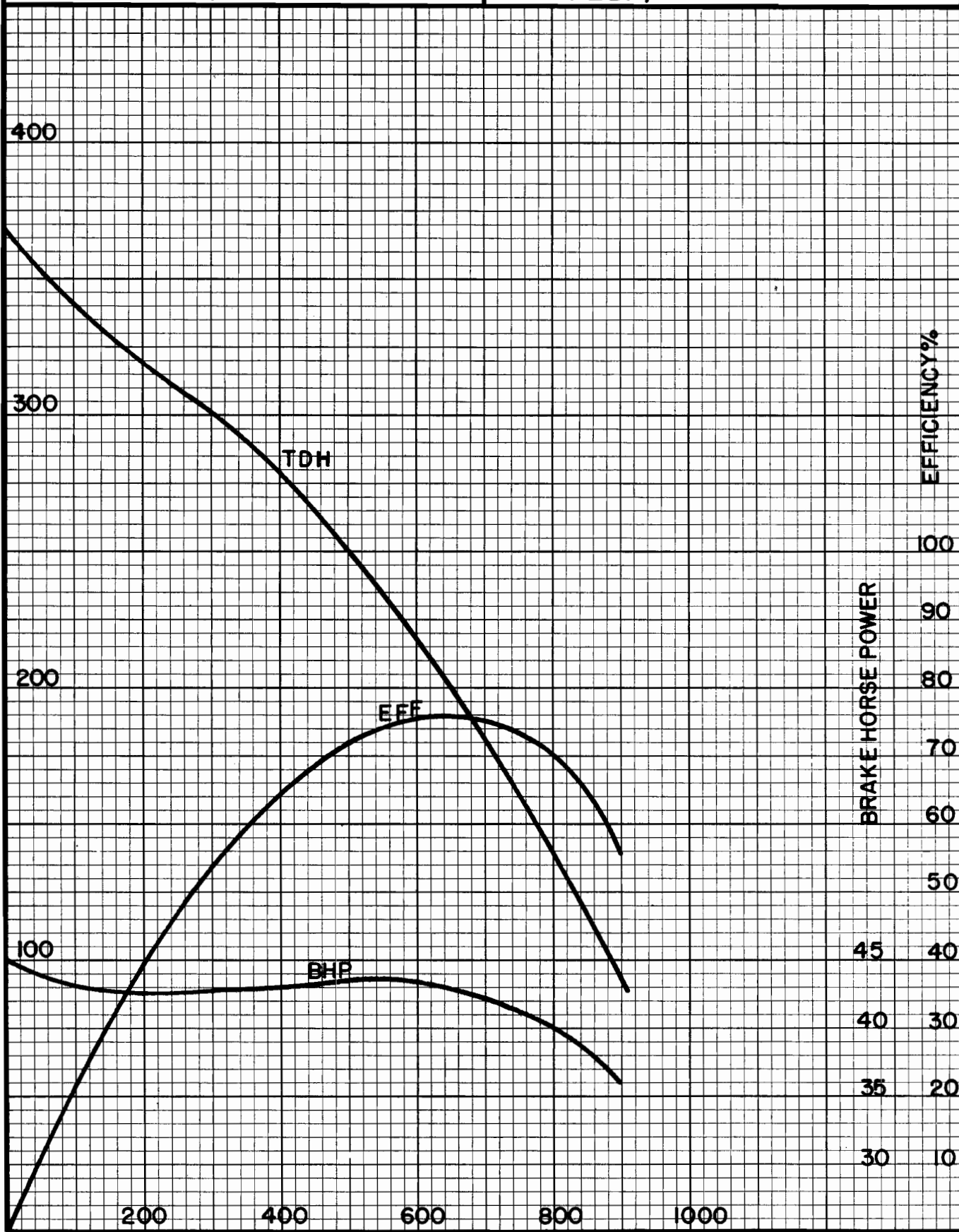
STAR-RITE INDUSTRIES, INC.

Water Equipment Division

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

DATE: FEB. 1, 1979

TOTAL HEAD/FEET



CAPACITY US GPM

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1061

IMPELLER DATA

IMPELLER No. P5-34DC
 TYPE Enclosed - Brass
 DIAMETER 5.070 x 26°
 EFFECTIVE EYE AREA 12.14 Sq. Inches
 NUMBER OF VANES 4
 THRUST CONSTANT K 4.65 Lbs./Ft. of Head
 WR² Lbs. Ft.²
 WEIGHT 4.3 Lbs.
 EYE FLUID VELOCITY 0.026 Ft./Sec./G.P.M.
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

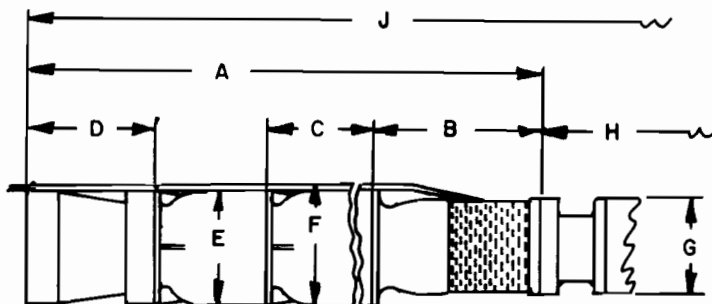
BOWL ASSEMBLY DATA

BOWL No. P101-50 (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 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	41-3/4	13-3/8	6-3/4	8-1/8	7-3/8	7-15/16	7-33/64	45-5/16	87-1/16

UNIT WEIGHTS - POUNDS

MOTOR SIZE	8"	
PUMP INCLUDING MOTOR	529	
LIQUID END ONLY	165	