

MODEL: 400L8

SIZE: 8"

RPM: 3450

HP: 10

CURVE NO: ST1035



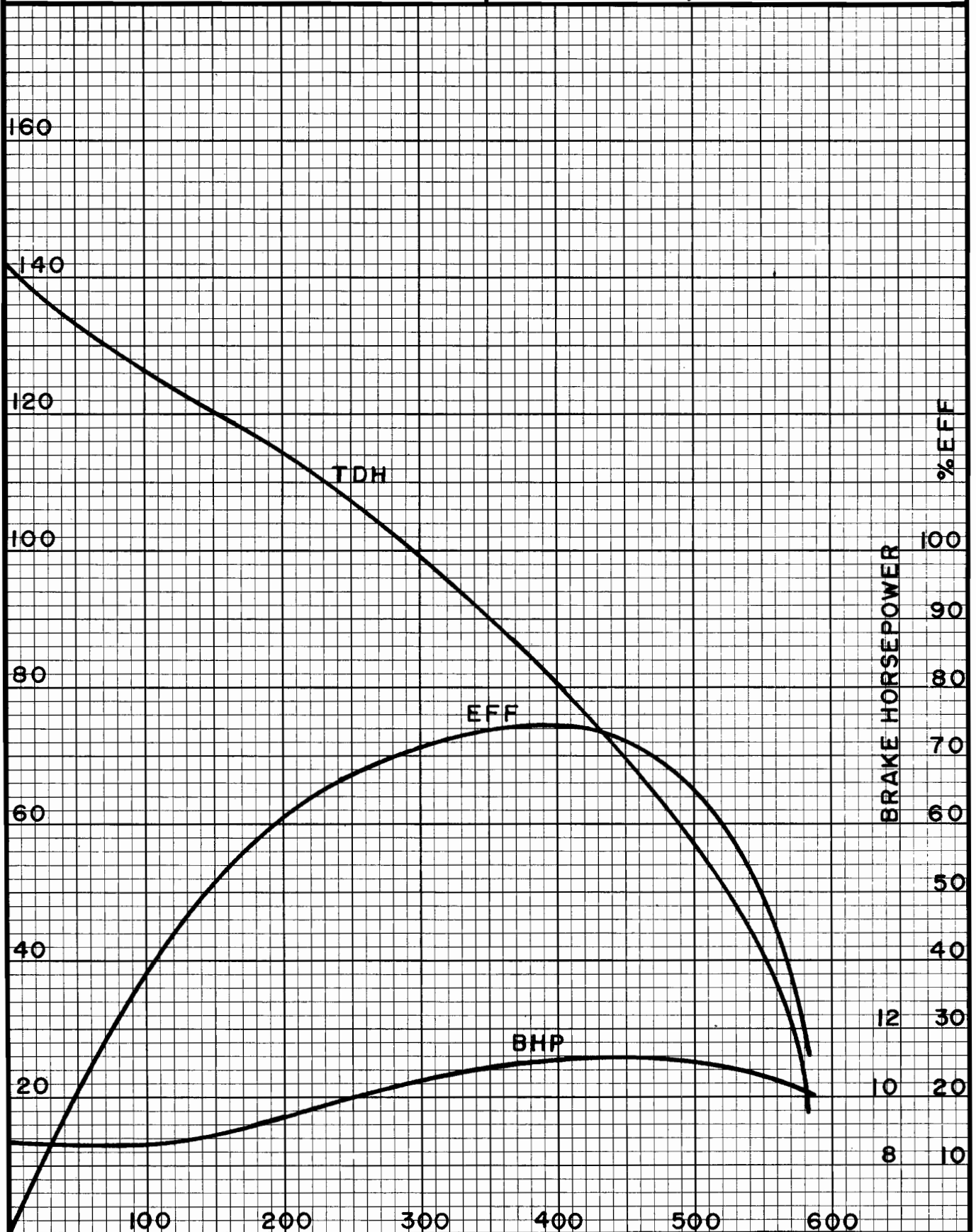
STAR-RITE INDUSTRIES, INC.

Water Equipment Division

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

DATE: JAN. 22, 1979

TOTAL HEAD / FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1035

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.

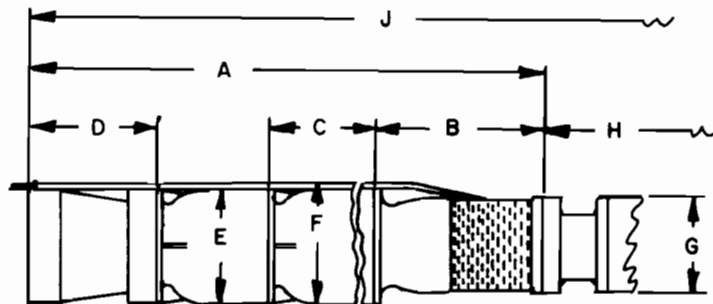
BOWL ASSEMBLY DATA

BOWL No. P101-89A (C.I.)
CONNECTION TYPE Screwed - L.H.
DISCHARGE TAPPING 6" NPT
PUMP SHAFT DIA. 1-1/4"
NUMBER OF STAGES 1

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 6 " MOTOR
WITH SPEED OF 3430 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	27-5/8	13-3/8	6-1/8	8-1/8	7-3/8	7-15/16	5-1/2	29-15/16	57-9/16

UNIT WEIGHTS - POUNDS

MOTOR SIZE	6"	
PUMP INCLUDING MOTOR	250.5	
LIQUID END ONLY	106.5	