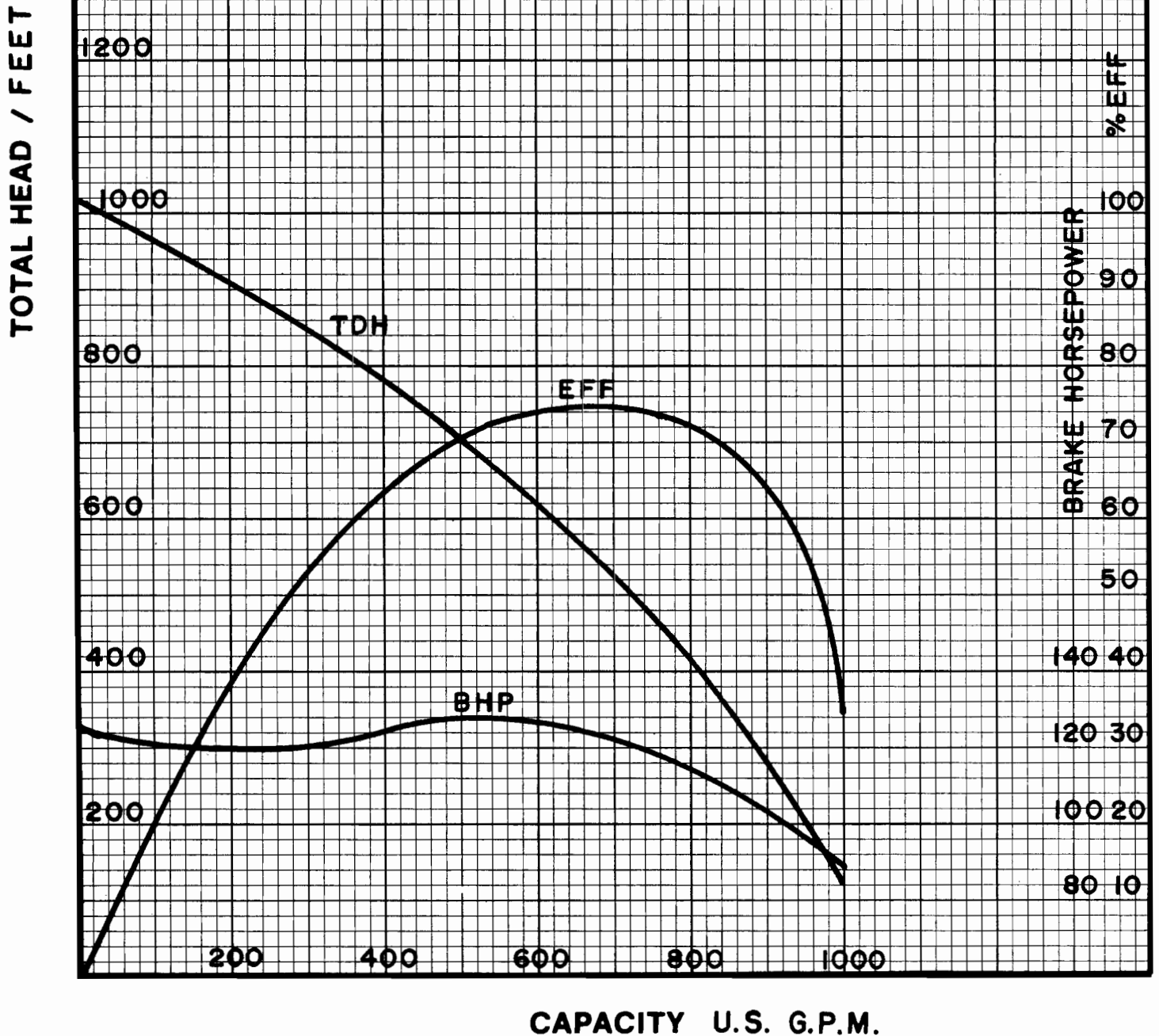


MODEL: 700 Y 8
SIZE: 8" BOWL 10" MOTOR
RPM: 3450 HP: 125
CURVE NO: ST 1066



STARITE INDUSTRIES, INC.
Water Equipment Division
293 SOUTH WRIGHT STREET / DELAVAN, WISCONSIN 53115 / U.S.A.

DATE: FEB. 13, 1980



DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1066

IMPELLER DATA

IMPELLER No. P5-34DE
 TYPE Enclosed - Brass
 DIAMETER 5.150 x 26°
 EFFECTIVE EYE AREA 12.14 Sq. Inches
 NUMBER OF VANES 4
 THRUST CONSTANT K 4.65 Lbs./Ft. of Head
 WR^2 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.

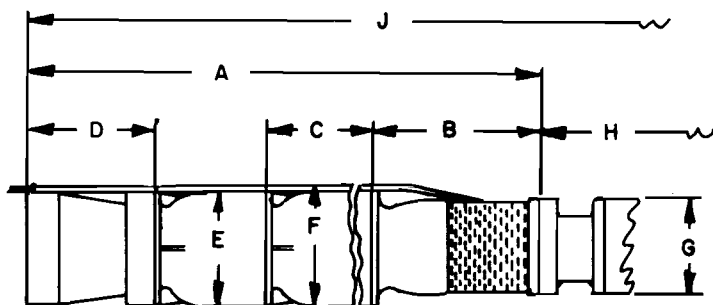
BOWL ASSEMBLY DATA

BOWL No. P101-84A
 CONNECTION TYPE Screwed
 DISCHARGE TAPPING 6" NPT
 PUMP SHAFT DIA. 1-1/4"
 NUMBER OF STAGES 8

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 10 " MOTOR
 WITH SPEED OF 3465 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	86	17-1/8	6-3/4	8-1/8	7-5/8	8-7/16	8-55/64	58-15/16	138-3/16

UNIT WEIGHTS - POUNDS

MOTOR SIZE	10"	
PUMP INCLUDING MOTOR	1060	
LIQUID END ONLY	350	