

MODEL: 1100X10

IMPELLER NO:

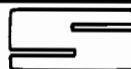
SIZE: 10"

CURVE NO: ST1133

RPM: 3450

HP: 100

SEPT. 5, 1980

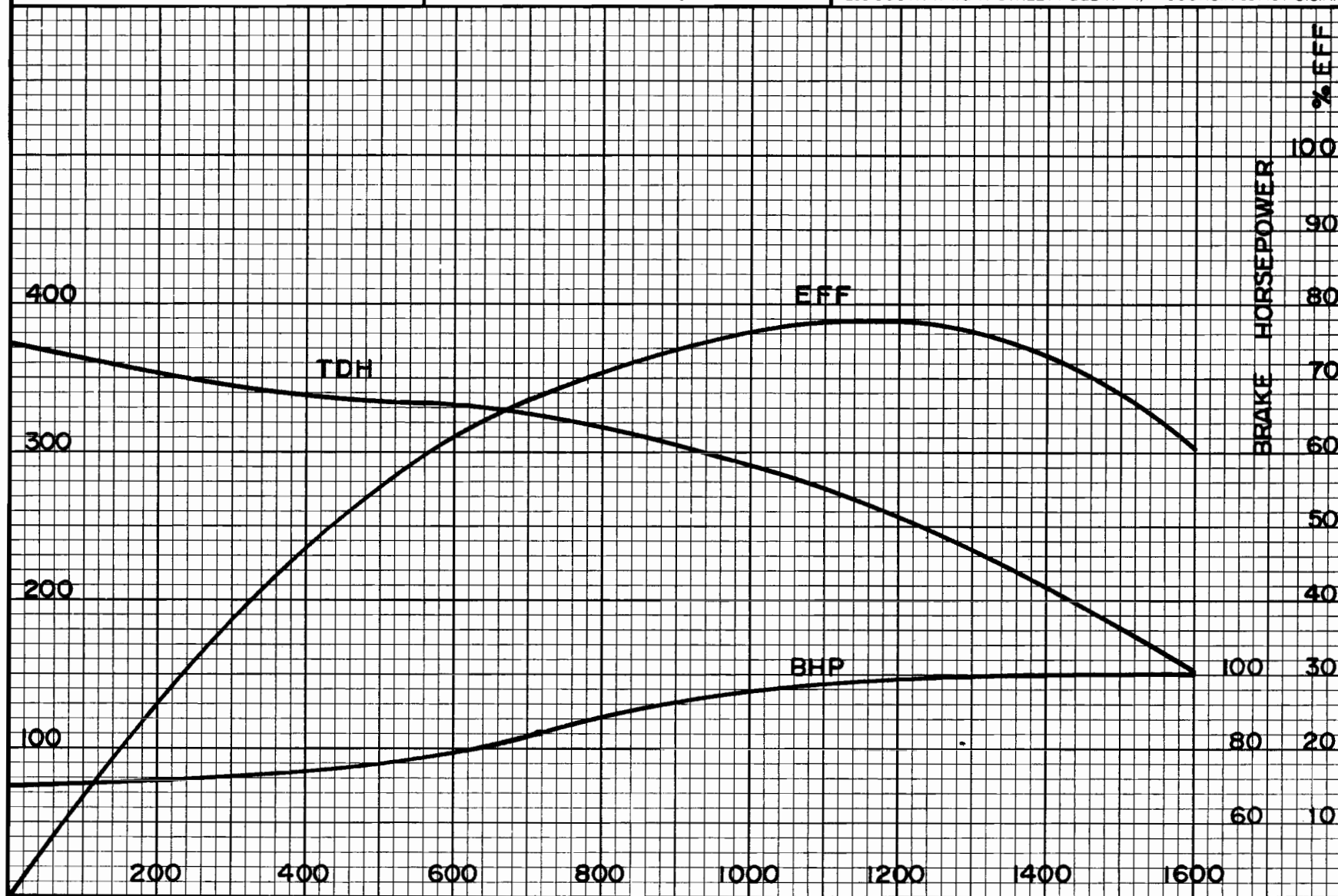


STAIRITE INDUSTRIES, INC.

Water Equipment Division

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

TOTAL HEAD FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1133

IMPELLER DATA

IMPELLER No. P5-43DF
TYPE Enclosed - Brass
DIAMETER 6.200 x 26°
EFFECTIVE EYE AREA 14.28 Sq. Inches
NUMBER OF VANES 7
THRUST CONSTANT K 6.63 Lbs./Ft. of Head
WR² Lbs. Ft.²
WEIGHT 10 Lbs.
EYE FLUID VELOCITY .023 Ft./Sec./G.P.M.
PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

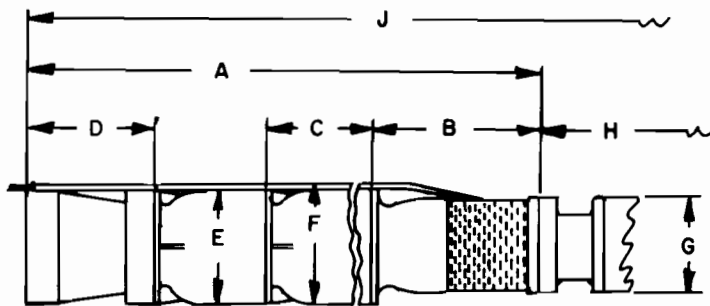
BOWL ASSEMBLY DATA

BOWL No. P101-65E (C.I. Enameled)
CONNECTION TYPE Bolted
DISCHARGE TAPPING 8" NPT
PUMP SHAFT DIA. 1½"
NUMBER OF STAGES 2

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 8 " MOTOR
WITH SPEED OF 3492 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	45-1/32	19-3/16	8-5/8	8-19/32	9-5/8	10-3/16	7-33/64	66-1/8	111-5/32
UNIT WEIGHTS - POUNDS									
MOTOR SIZE	8"								
PUMP INCLUDING MOTOR	899.5								
LIQUID END ONLY	299.5								