

MODEL: 1100 AB10

IMPELLER NO:

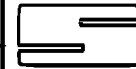
SIZE: 10"

CURVE NO: ST1137

RPM: 3450

HP: 200

JAN. 9, 1981

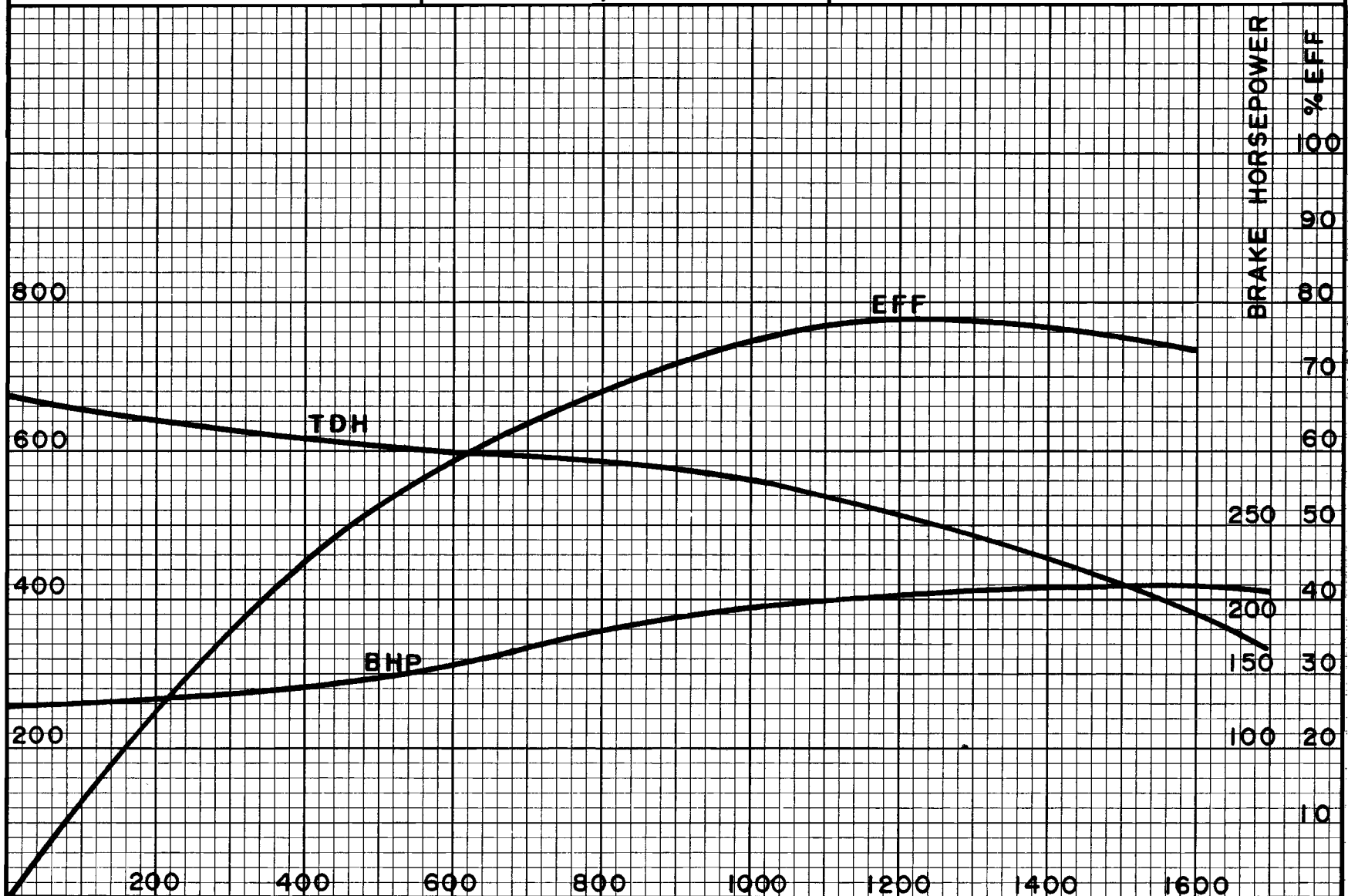


STAIRITE INDUSTRIES, INC.

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. ST1137

IMPELLER DATA

IMPELLER No. P5-43D
TYPE Enclosed - Brass
DIAMETER 6.859 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.

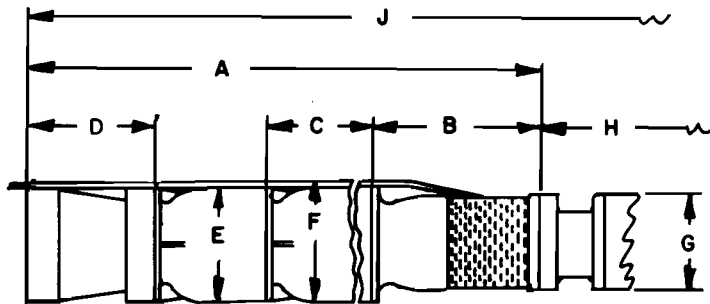
BOWL ASSEMBLY DATA

BOWL No. P101-65E (C.I. Enameled)
CONNECTION TYPE Bolted
DISCHARGE TAPPING 8" NPT
PUMP SHAFT DIA. 1-1/2"
NUMBER OF STAGES 3

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 12 " MOTOR
WITH SPEED OF 3510 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	53-3/4	19-3/16	8-21/32	8-19/32	9-5/8	10-1/2	10-17/32	60-1/4	114
UNIT WEIGHTS - POUNDS									
MOTOR SIZE	12"								
PUMP INCLUDING MOTOR	1463.5								
LIQUID END ONLY	363.5								