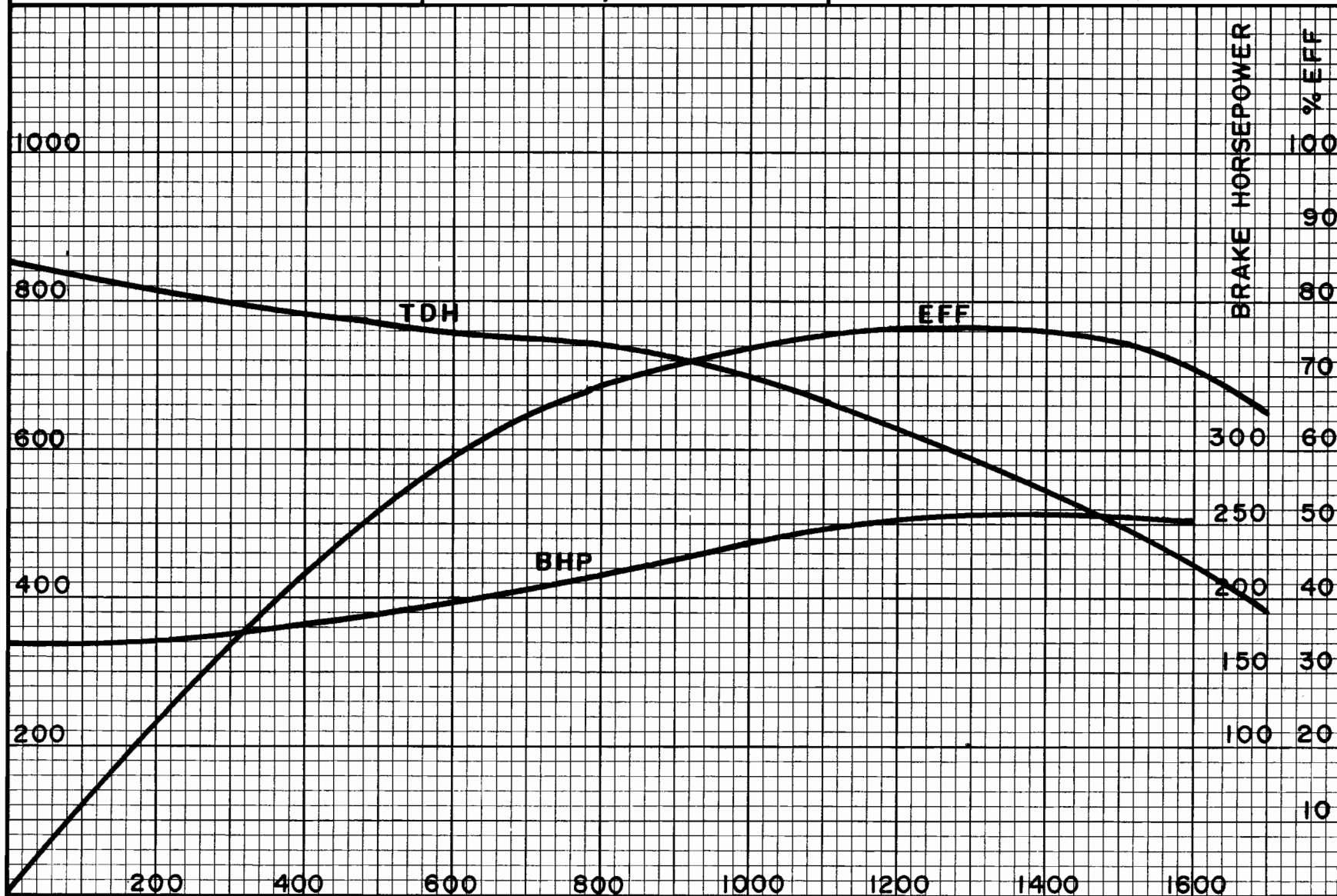


MODEL: 1100AC10	IMPELLER NO:	 STAIRITE INDUSTRIES, INC. Water Equipment Division 293 SOUTH WRIGHT STREET / DELAVAN, WISCONSIN 53115 / U.S.A.
SIZE: 10"	CURVE NO: ST1138	
RPM: 3450 HP: 250	JAN. 16, 1981	

TOTAL HEAD FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1138

IMPELLER DATA

IMPELLER No. P5-43DE
TYPE Enclosed - Brass
DIAMETER 6.660 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.

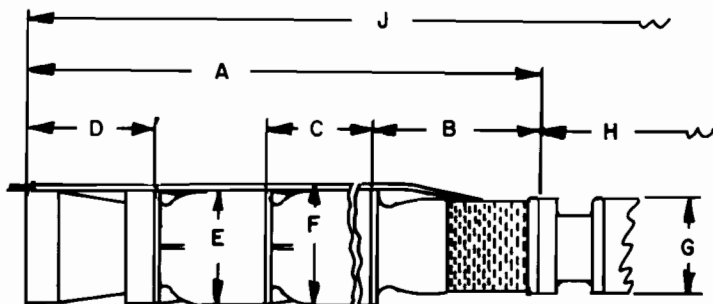
BOWL ASSEMBLY DATA

BOWL No. P101-65E (C.I. Enameled)
CONNECTION TYPE Bolted
DISCHARGE TAPPING 8" NPT
PUMP SHAFT DIA. 1-1/2"
NUMBER OF STAGES 4

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 12 " MOTOR
WITH SPEED OF 3525 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	62-13/32	19-3/16	8-21/32	8-19/32	9-5/8	10-1/2	10-17/32	76	138-13/32
UNIT WEIGHTS - POUNDS									
MOTOR SIZE	12"								
PUMP INCLUDING MOTOR	1826.5								
LIQUID END ONLY	426.5								