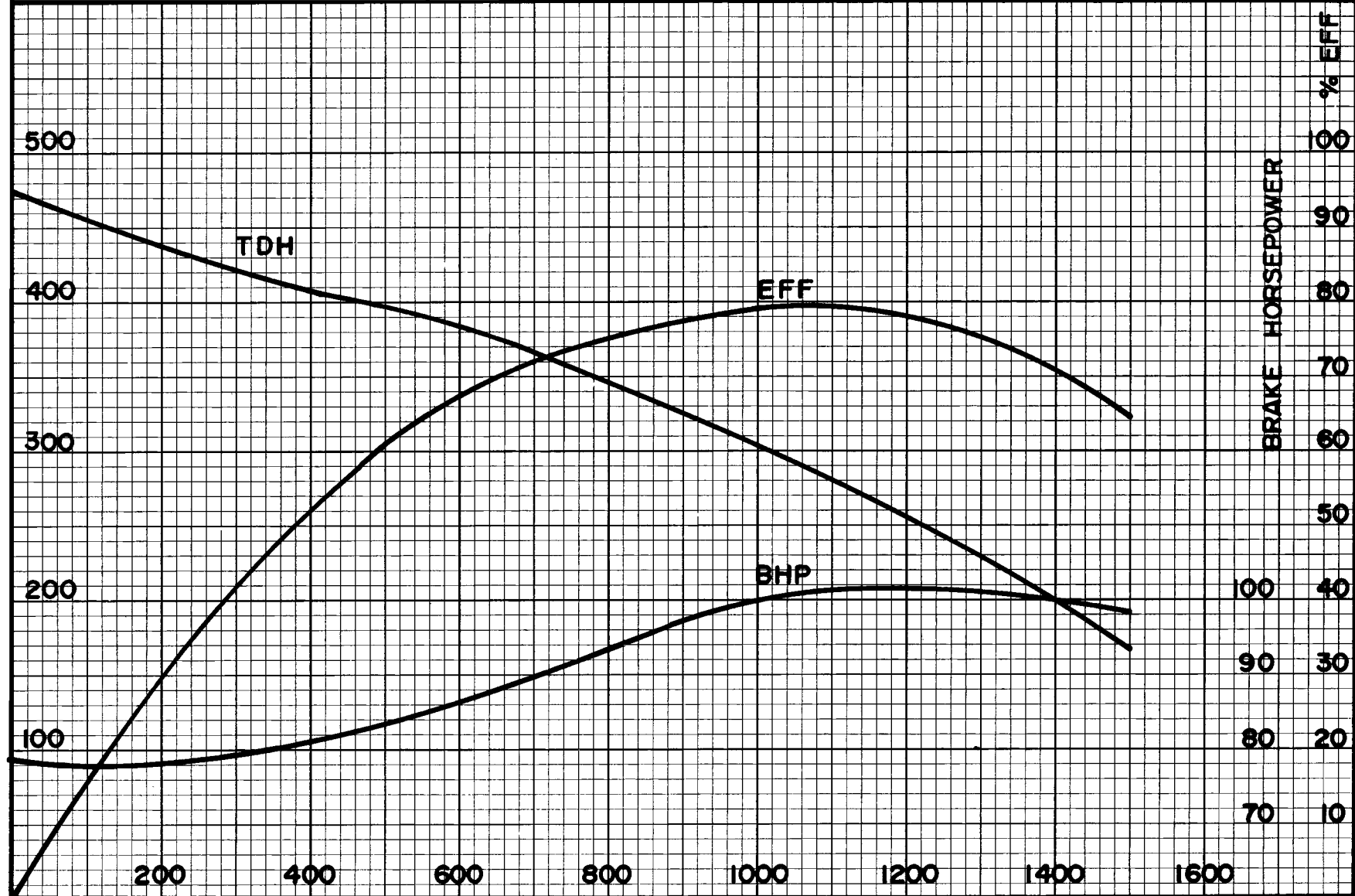


MODEL: 975X10		IMPELLER NO:	 STA-RITE INDUSTRIES, INC. Water Equipment Division 293 SOUTH WRIGHT STREET / DELAVAN, WISCONSIN 53115 / U.S.A.
SIZE: 10"		CURVE NO: ST1123	
RPM: 3450	HP: 100	SEPT. 18, 1980	

TOTAL HEAD FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1123

IMPELLER DATA

IMPELLER No. P5-42D
 TYPE Enclosed - Brass
 DIAMETER 6.859 x 26°
 EFFECTIVE EYE AREA 14.28 Sq. Inches
 NUMBER OF VANES 5
 THRUST CONSTANT K 6.63 Lbs./Ft. of Head
 WR² Lbs. Ft.²
 WEIGHT 9.6 Lbs.
 EYE FLUID VELOCITY .023 Ft./Sec./G.P.M.
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

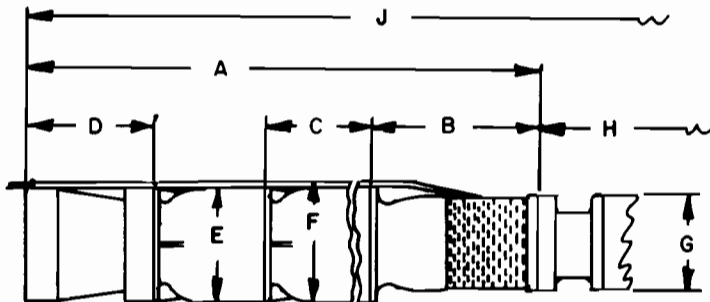
BOWL ASSEMBLY DATA

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 3489 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	45-1/16	19-3/16	8-5/8	8-19/32	9-5/8	10-3/16	7-33/64	66-1/8	111-3/16

UNIT WEIGHTS - POUNDS

MOTOR SIZE	8"	
PUMP INCLUDING MOTOR	899.5	
LIQUID END ONLY	299.5	