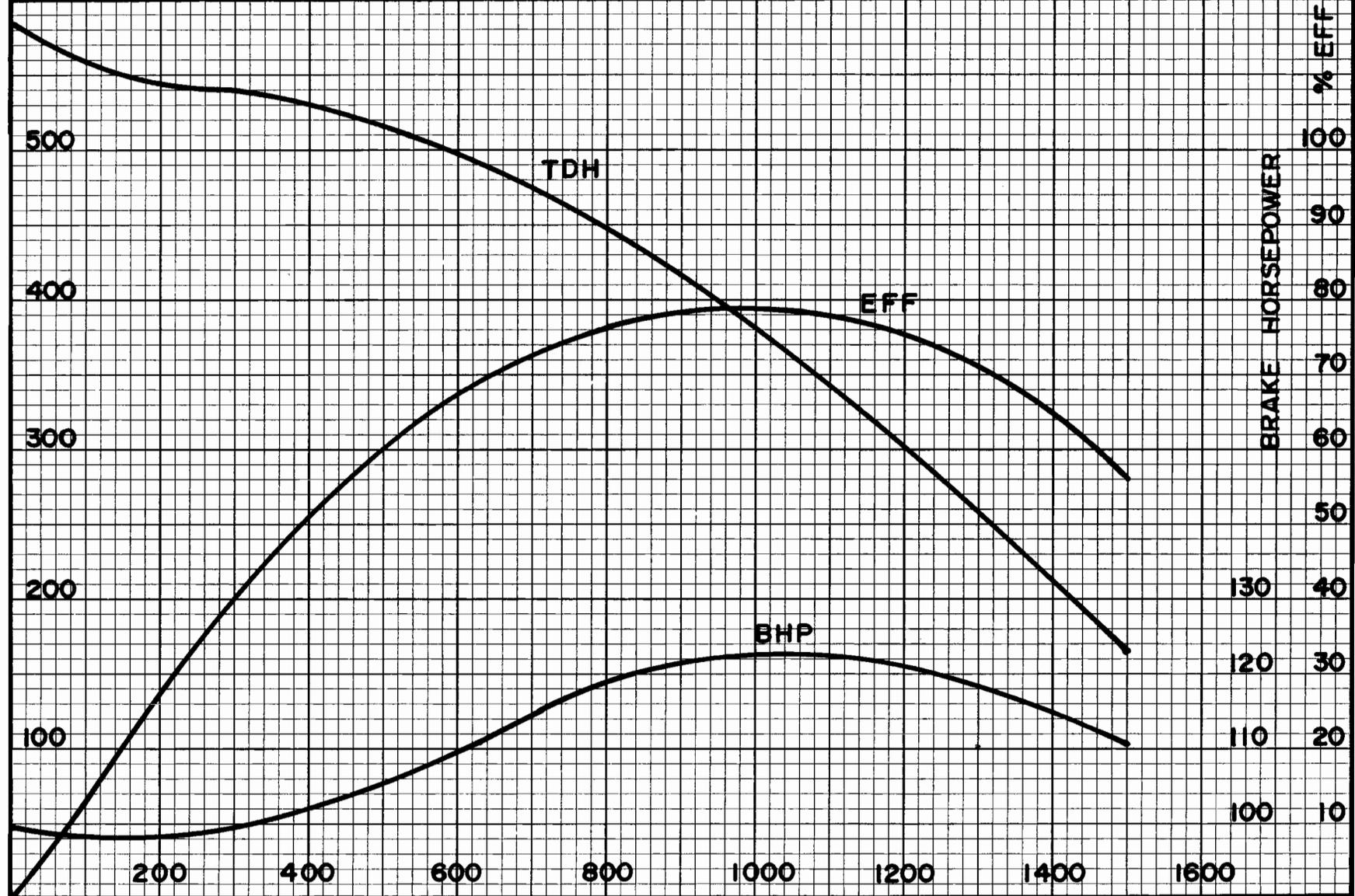


MODEL: 975Y10
 SIZE: 10"
 RPM: 3450 HP: 125

IMPELLER NO:
 CURVE NO: ST1124
 OCT. 22, 1980


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

TOTAL HEAD FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1124

IMPELLER DATA

IMPELLER No. P5-42DA
 TYPE Enclosed - Brass
 DIAMETER 6.530 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 0.023 Ft./Sec./G.P.M.
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

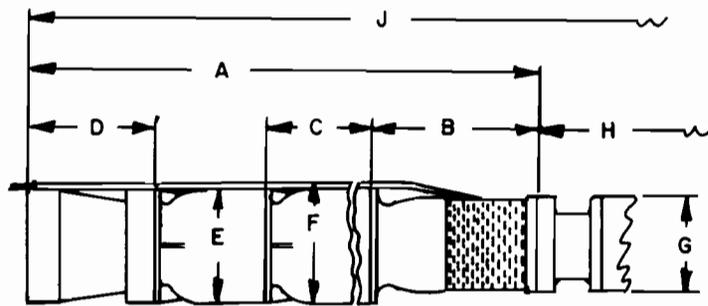
BOWL ASSEMBLY DATA

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 10 " MOTOR
 WITH SPEED OF 3465 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	53-11/16	19-3/16	8-5/8	8-19/32	9-5/8	10-7/16	8-55/64	58-15/16	112-5/8

UNIT WEIGHTS - POUNDS

MOTOR SIZE	10"	
PUMP INCLUDING MOTOR	1074	
LIQUID END ONLY	364.	