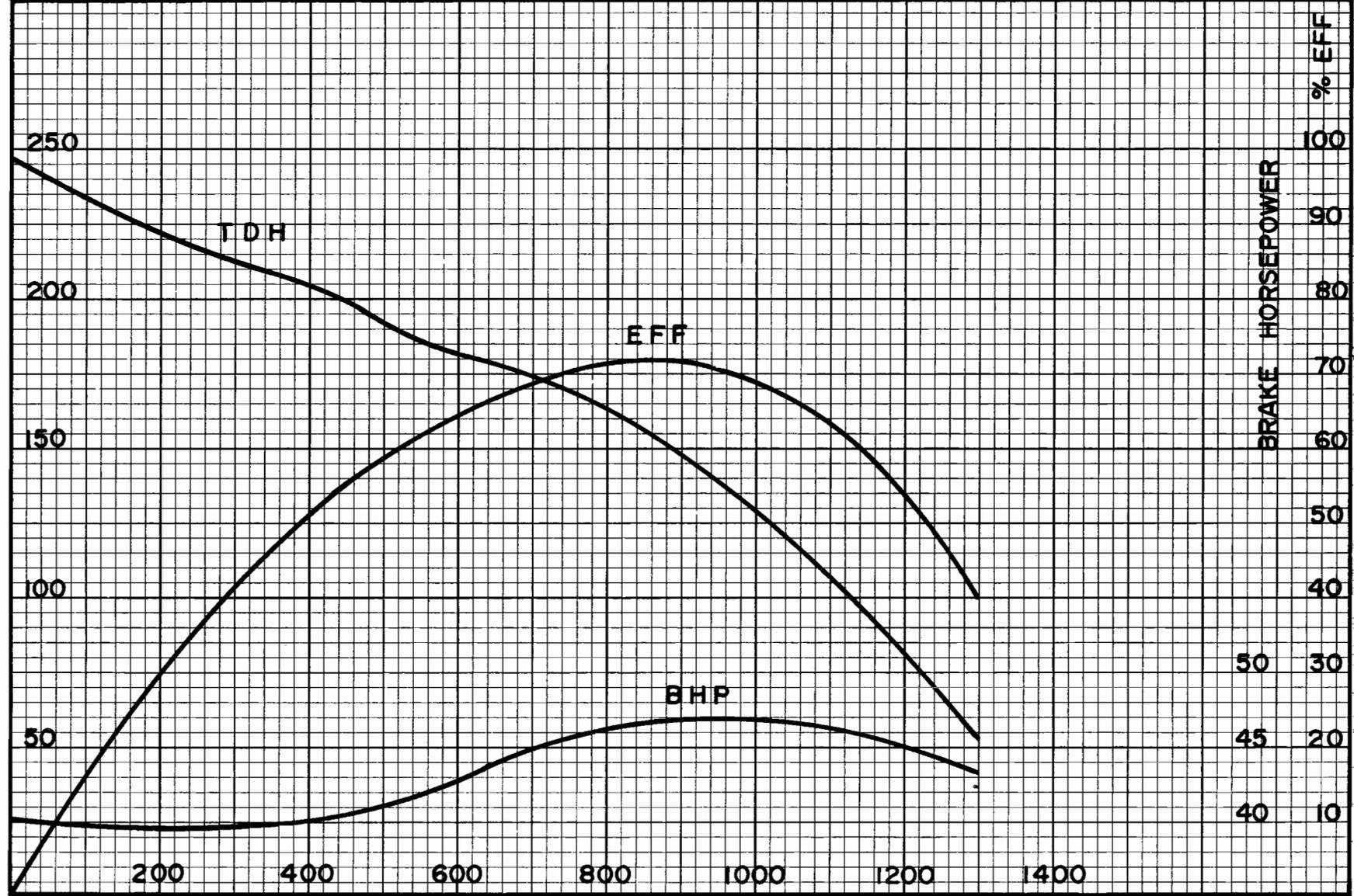


MODEL: 950S8		IMPELLER NO:	 STA-RITE INDUSTRIES, INC. Water Equipment Division 293 SOUTH WRIGHT STREET / DELAVAN, WISCONSIN 53115 / U.S.A.
SIZE: 8"		CURVE NO: ST1071	
RPM: 3450	HP: 40	FEB. 4, 1980	

TOTAL HEAD FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1071

IMPELLER DATA

IMPELLER No. P5-35DB

TYPE Enclosed - Brass

DIAMETER 4.880 x 26°

EFFECTIVE EYE AREA 12.14 Sq. Inches

NUMBER OF VANES 7

THRUST CONSTANT K 4.65 Lbs./Ft. of Head

WR² _____ Lbs. Ft.²

WEIGHT 4.4 Lbs.

EYE FLUID VELOCITY 0.026 Ft./Sec./G.P.M.

PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

BOWL ASSEMBLY DATA

BOWL No. P101-50

CONNECTION TYPE Screwed

DISCHARGE TAPPING 6" NPT

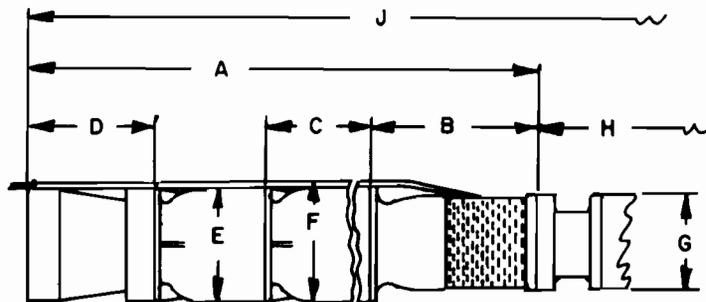
PUMP SHAFT DIA. 1-1/4"

NUMBER OF STAGES 2

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 8 " MOTOR
WITH SPEED OF 3485 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	35	13-3/8	6-3/4	8-1/8	7-3/8	7-15/16	7-33/64	45-5/16	80-5/16

UNIT WEIGHTS - POUNDS

MOTOR SIZE	8"	
PUMP INCLUDING MOTOR	500.5	
LIQUID END ONLY	136.5	