

MODEL: 90R6

SIZE: 6"

RPM: 3450

HP: 30

CURVE NO: ST1212



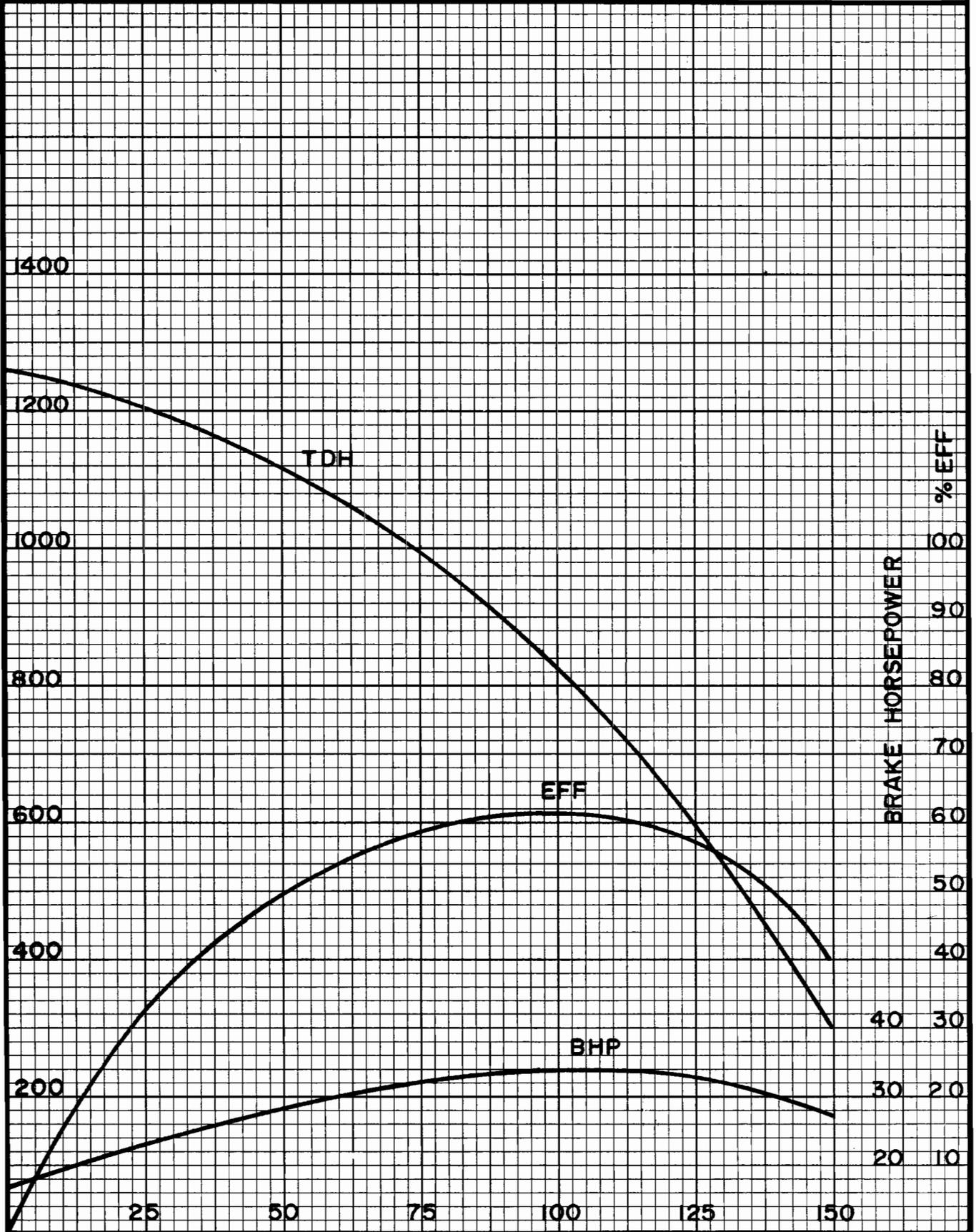
STAIRITE INDUSTRIES, INC.

Water Equipment Division

293 SOUTH WRIGHT STREET / DELAVAN, WISCONSIN 53115 / U.S.A

DATE: JAN. , 1972

TOTAL HEAD / FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1212

IMPELLER DATA

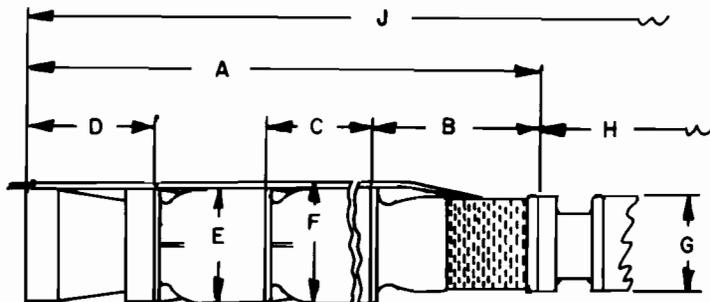
IMPELLER No. P5-15
 TYPE Enclosed - Brass
 DIAMETER 4.125 x 20°
 EFFECTIVE EYE AREA 2.66 Sq. Inches
 NUMBER OF VANES 6
 THRUST CONSTANT K 1.85 Lbs./Ft. of Head
 WR² _____ Lbs. Ft.²
 WEIGHT 2.125 Lbs.
 EYE FLUID VELOCITY .121 Ft./Sec./G.P.M.
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

BOWL ASSEMBLY DATA

BOWL No. P201-28 (C.I.)
 CONNECTION TYPE Screwed
 DISCHARGE TAPPING 3" NPT
 PUMP SHAFT DIA. 1"
 NUMBER OF STAGES 24

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 6 " MOTOR
 WITH SPEED OF 3450 RPM AT BEP. 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	112-3/4	10-3/4	3-15/16	7-1/2	5-1/8	5-5/8	5-1/2	40-9/16	153-5/16

UNIT WEIGHTS - POUNDS

MOTOR SIZE	6"	
PUMP INCLUDING MOTOR	517	
LIQUID END ONLY		317