

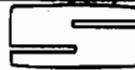
MODEL: 300K8

SIZE: 8"

RPM: 3450

HP: 7 1/2

CURVE NO: ST1221



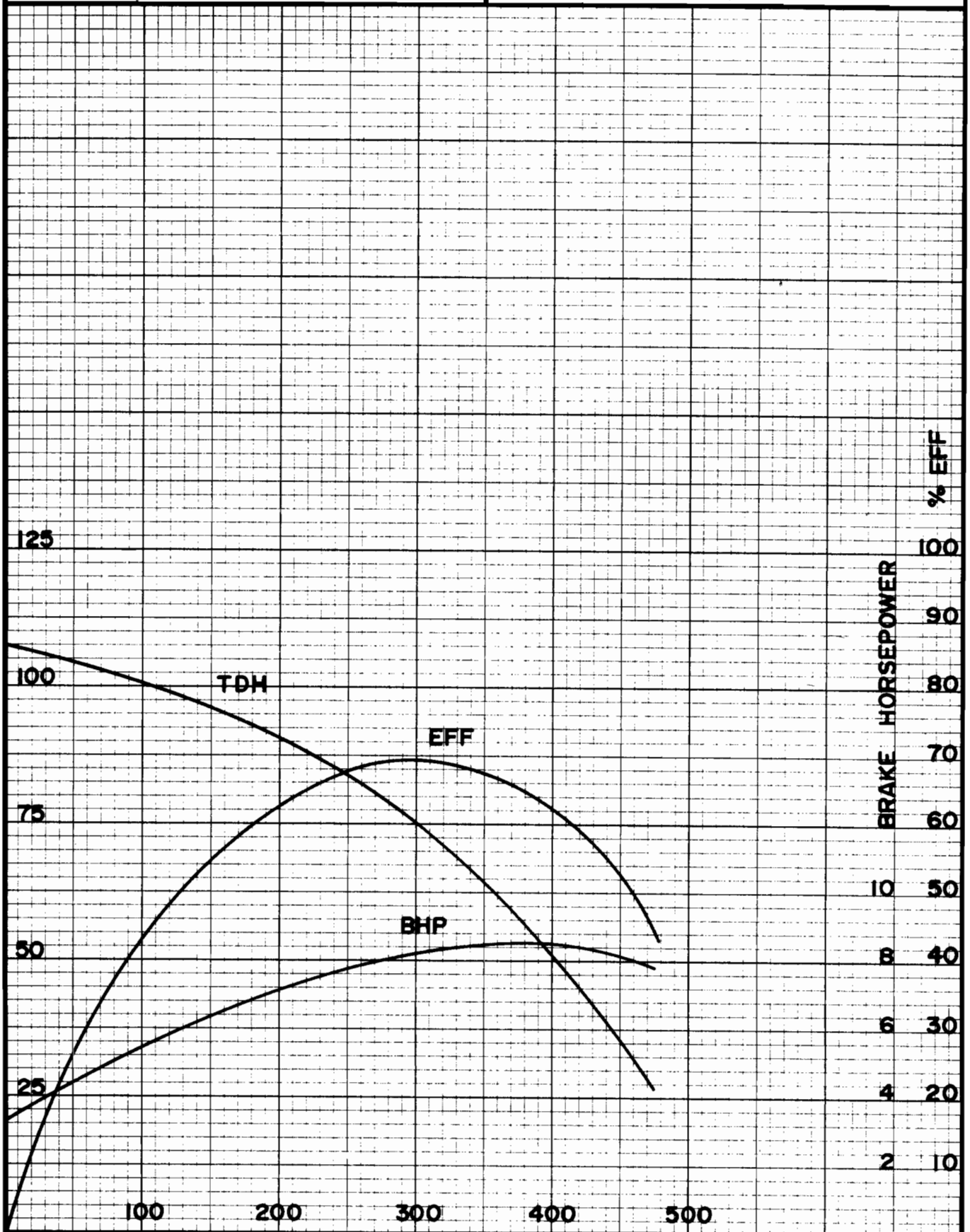
STAIRITE INDUSTRIES, INC.

Water Equipment Division

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

DATE: REV. FEB., 1982

TOTAL HEAD / FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1221

IMPELLER DATA

IMPELLER No. P5-23E
 TYPE Enclosed - Brass
 DIAMETER 5.700 x 20°
 EFFECTIVE EYE AREA 6.88 Sq. Inches
 NUMBER OF VANES 6
 THRUST CONSTANT K Lbs./Ft. of Head
 WR² Lbs. Ft.²
 WEIGHT 3.375 Lbs.
 EYE FLUID VELOCITY .047 Ft./Sec./G.P.M.
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

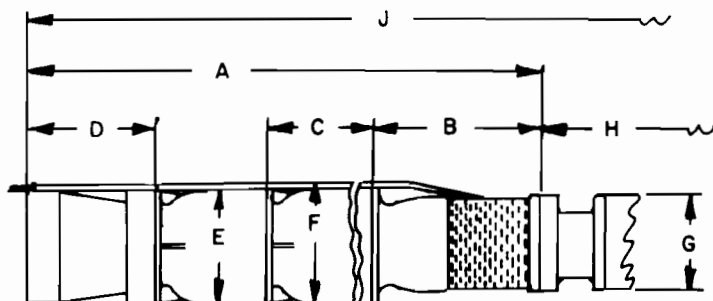
BOWL ASSEMBLY DATA

BOWL No. P201-27 (C.I.)
 CONNECTION TYPE Screwed
 DISCHARGE TAPPING 4" NPT
 PUMP SHAFT DIA. 1"
 NUMBER OF STAGES 1

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 6 " MOTOR
 WITH SPEED OF 3450 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	25-7/8	13-1/16	5-1/4	7-9/16	7-1/8	7-5/8	5-1/2	29-15/16 10	55-13/16 10
							5-1/2	26-15/16 30	52-13/16 30

UNIT WEIGHTS - POUNDS

MOTOR SIZE	6" - 10	6" - 30
PUMP INCLUDING MOTOR	218	200
LIQUID END ONLY	74	