

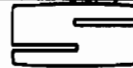
MODEL: 300N8

SIZE: 8"

RPM: 3450

HP: 20

CURVE NO: ST1223



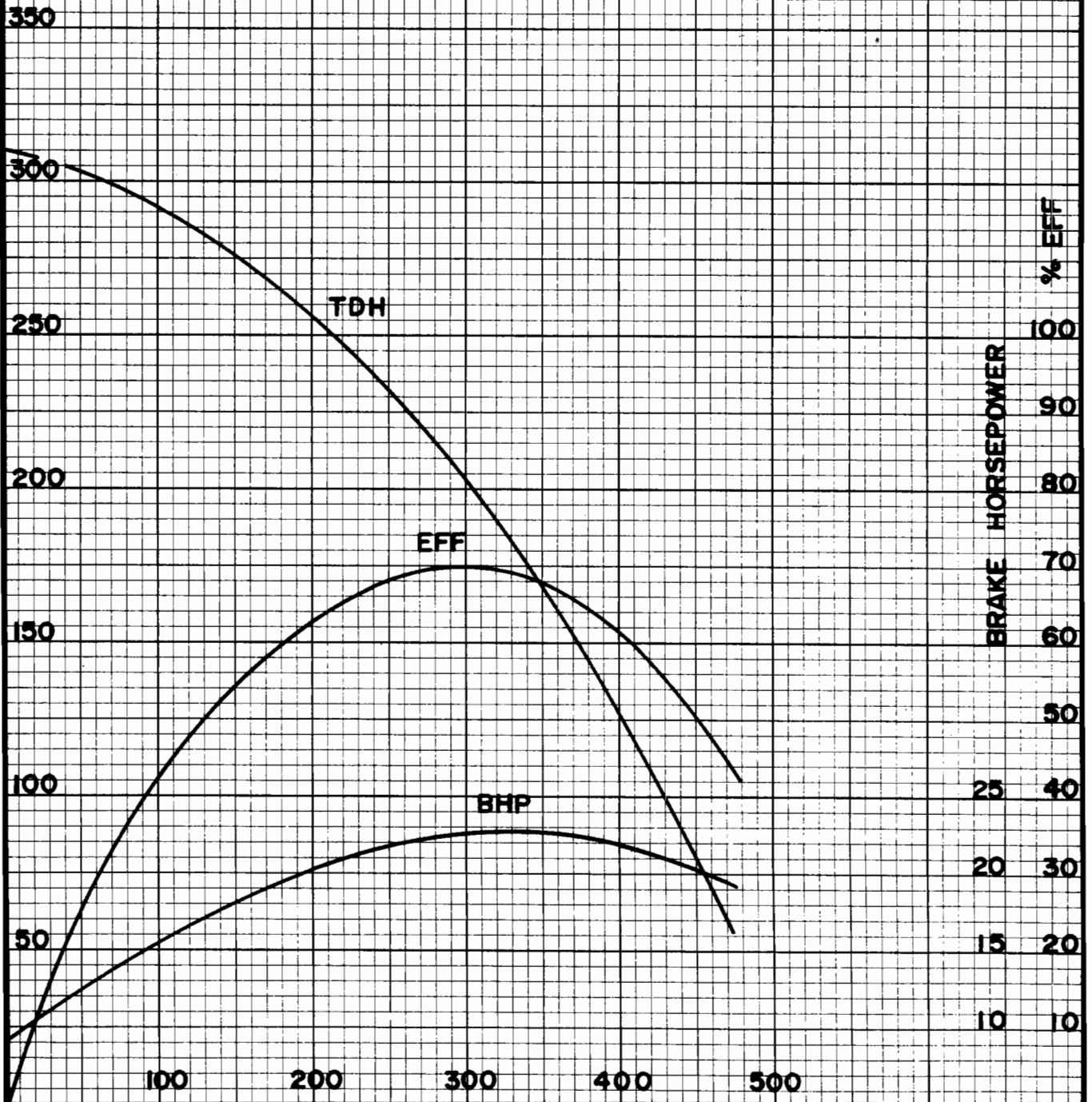
STAIRITE INDUSTRIES, INC.

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. ST1223

IMPELLER DATA

IMPELLER No. P5-23C
TYPE Enclosed - Brass
DIAMETER 5.600 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.

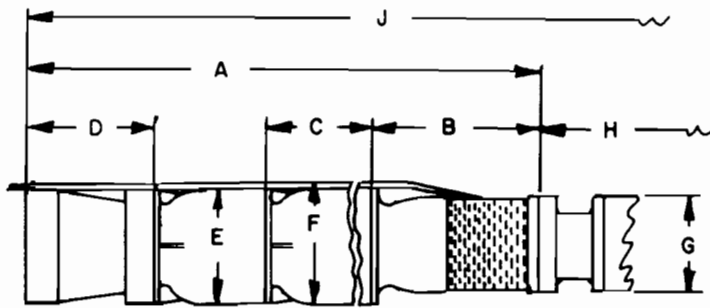
BOWL ASSEMBLY DATA

BOWL No. P201-27 (C.I.)
CONNECTION TYPE Screwed
DISCHARGE TAPPING 4" NPT
PUMP SHAFT DIA. 1"
NUMBER OF STAGES 3

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	36-3/8	13-1/16	5-1/4	7-9/16	7-1/8	7-5/8	5-1/2	36-1/4	72-5/8
UNIT WEIGHTS - POUNDS									

MOTOR SIZE	6"	
PUMP INCLUDING MOTOR	291	
LIQUID END ONLY	119	