

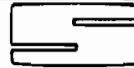
MODEL: 8 J 4

SIZE: 4"

RPM: 3 4 5 0

HP: 5

CURVE NO: ST1235



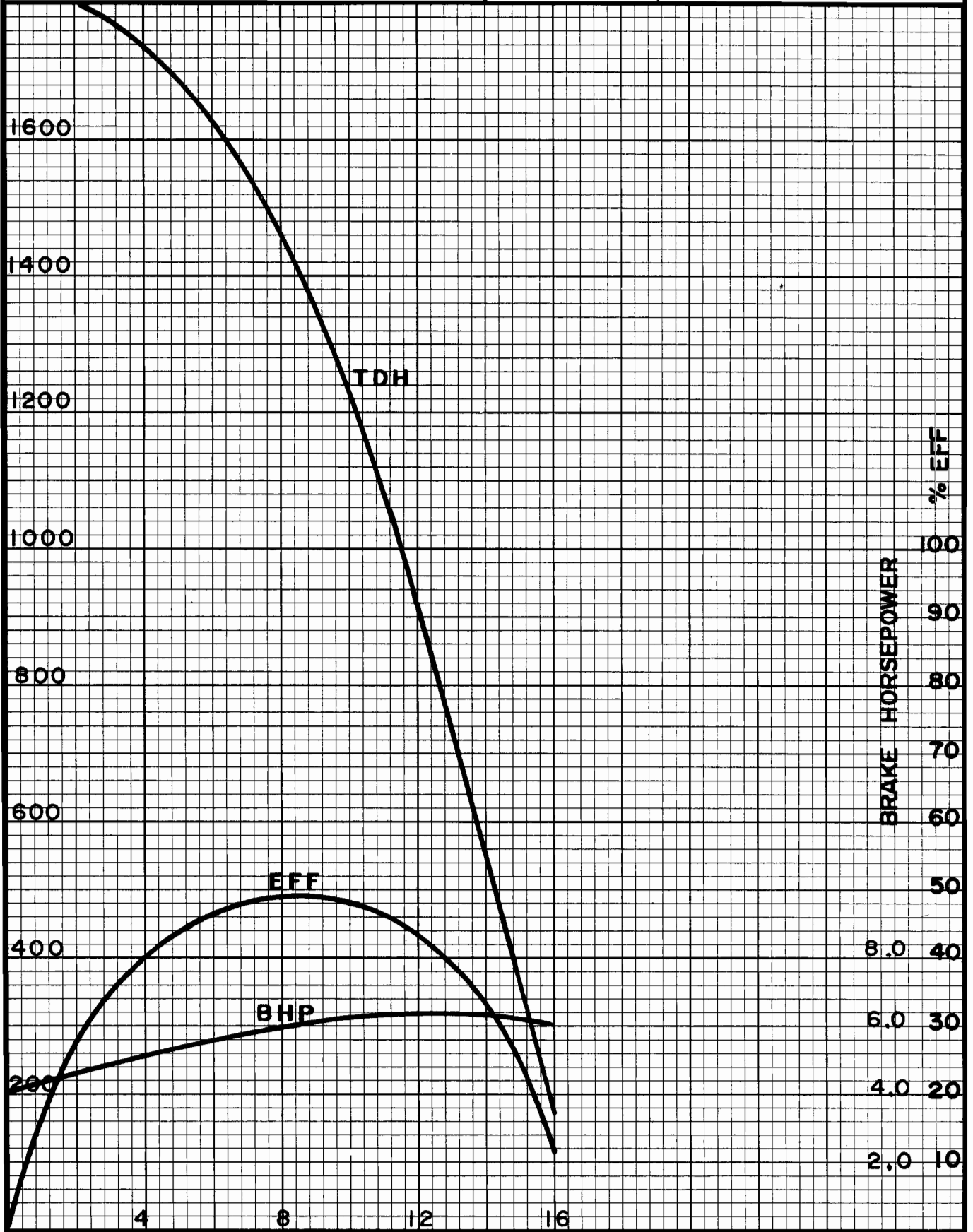
STAIRITE INDUSTRIES, INC.

Water Equipment Division

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

DATE: FEB 27, 1982

TOTAL HEAD FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1235

IMPELLER DATA

IMPELLER No. P105-16P
TYPE Plastic w/Brass Hub
DIAMETER 3.065
EFFECTIVE EYE AREA .60 Sq. Inches
NUMBER OF VANES 5
THRUST CONSTANT K .70 Lbs./Ft. of Head
WR² Lbs. Ft.²
WEIGHT .10 Lbs.
EYE FLUID VELOCITY .53 Ft./Sec./G.P.M.
PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

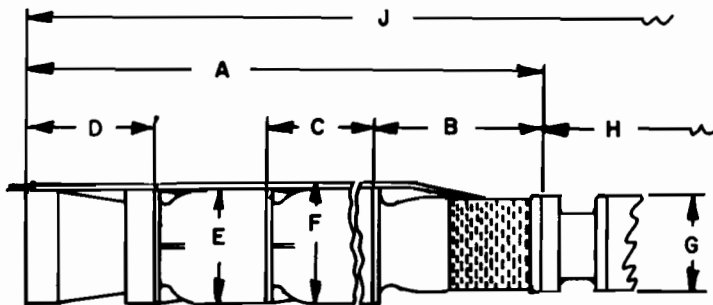
BOWL ASSEMBLY DATA

BOWL No. S.S. Shell Construction
CONNECTION TYPE None - Bowl Const.
DISCHARGE TAPPING 1" NPT
PUMP SHAFT DIA. 7/16"
NUMBER OF STAGES 54

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 4" 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	75	N/A	N/A	N/A	3-41/64	4-11/64	3-11/16	36-1/16	111-1/16
UNIT WEIGHTS - POUNDS									
MOTOR SIZE	4"								
PUMP INCLUDING MOTOR	79								
LIQUID END ONLY	44								