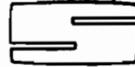


MODEL: 40M4

SIZE: 4" PUMP - 6" MOTOR

RPM: 3450 HP: 15

CURVE NO: ST1231



STARITE INDUSTRIES, INC.

Water Equipment Division

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

DATE: MARCH 23, 1978

TOTAL HEAD FEET

1600

1400

1200

1000

800

600

400

200

TDH

EFF

BHP

% EFF

BRAKE HORSEPOWER

100  
90  
80  
70  
60  
50  
40  
30  
20  
10

10

20

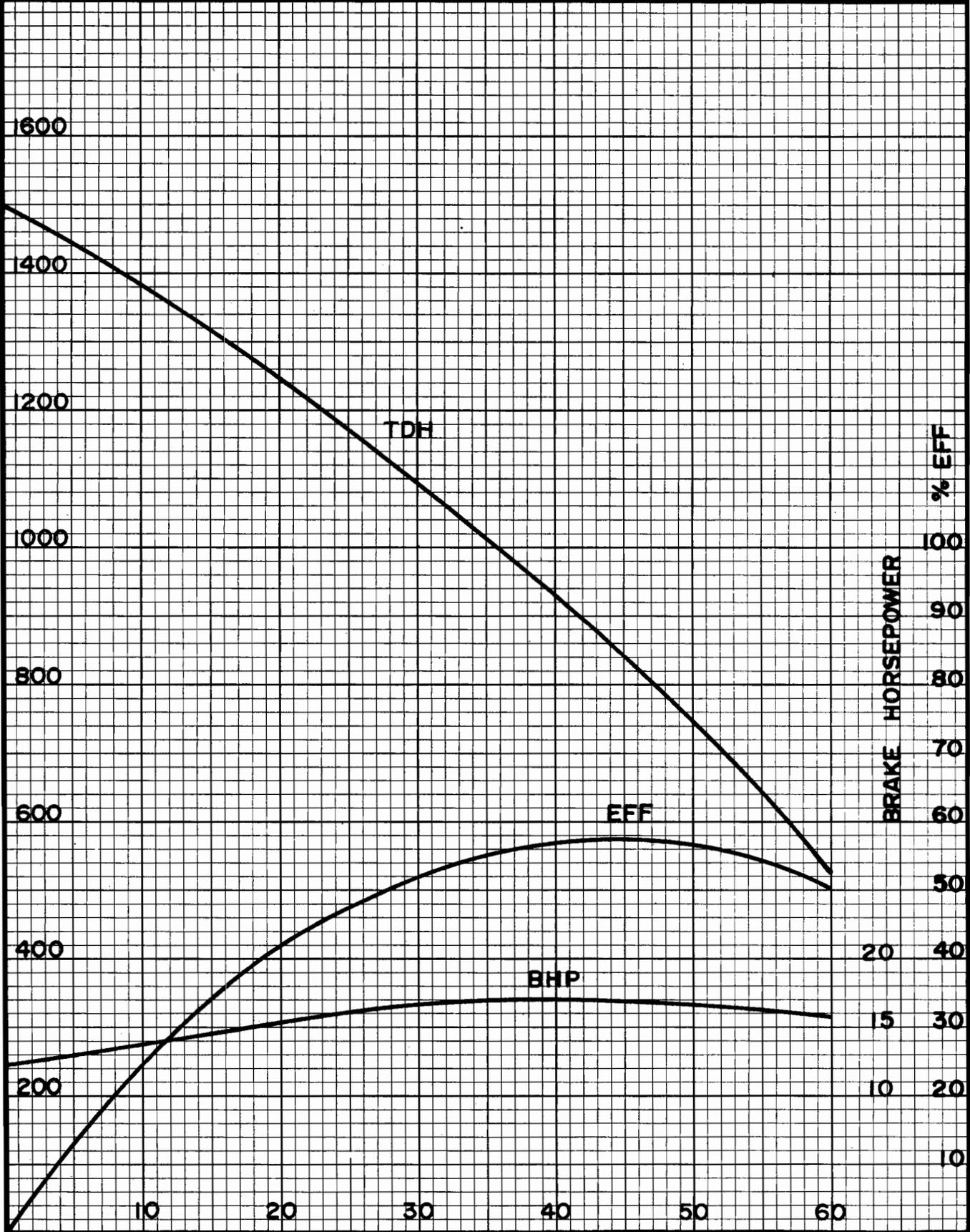
30

40

50

60

CAPACITY U.S. G.P.M.



# DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1231

## IMPELLER DATA

IMPELLER No. P105-21P  
 TYPE Plastic w/Brass Hub  
 DIAMETER 2.760 x 35°  
 EFFECTIVE EYE AREA 1.37 Sq. Inches  
 NUMBER OF VANES 6  
 THRUST CONSTANT K 1.24 Lbs./Ft. of Head  
 WR<sup>2</sup> \_\_\_\_\_ Lbs. Ft.<sup>2</sup>  
 WEIGHT .3 Lbs.  
 EYE FLUID VELOCITY .234 Ft./Sec./G.P.M.  
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

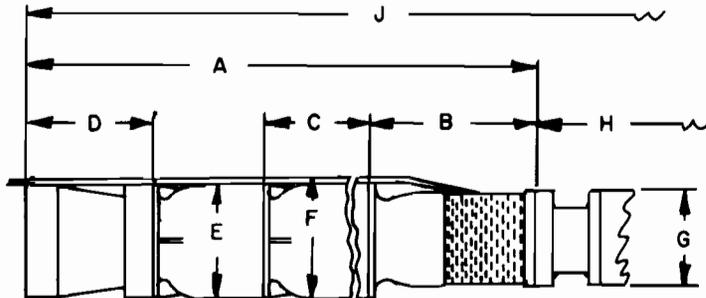
## BOWL ASSEMBLY DATA

BOWL No. S.S. Shell Construction  
 CONNECTION TYPE None - Bowl Const.  
 DISCHARGE TAPPING 2" NPT  
 PUMP SHAFT DIA. 3/4"  
 NUMBER OF STAGES 48

## 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	135-19/32	N/A	N/A	N/A	3-41/64	4-11/64	5-1/2	33-15/32	169-1/16

### UNIT WEIGHTS - POUNDS

MOTOR SIZE	6"	
PUMP INCLUDING MOTOR	280	
LIQUID END ONLY	116	