

MODEL: 70K4

SIZE: 4"

RPM: 3450

HP: 7 1/2

CURVE NO: ST 1234



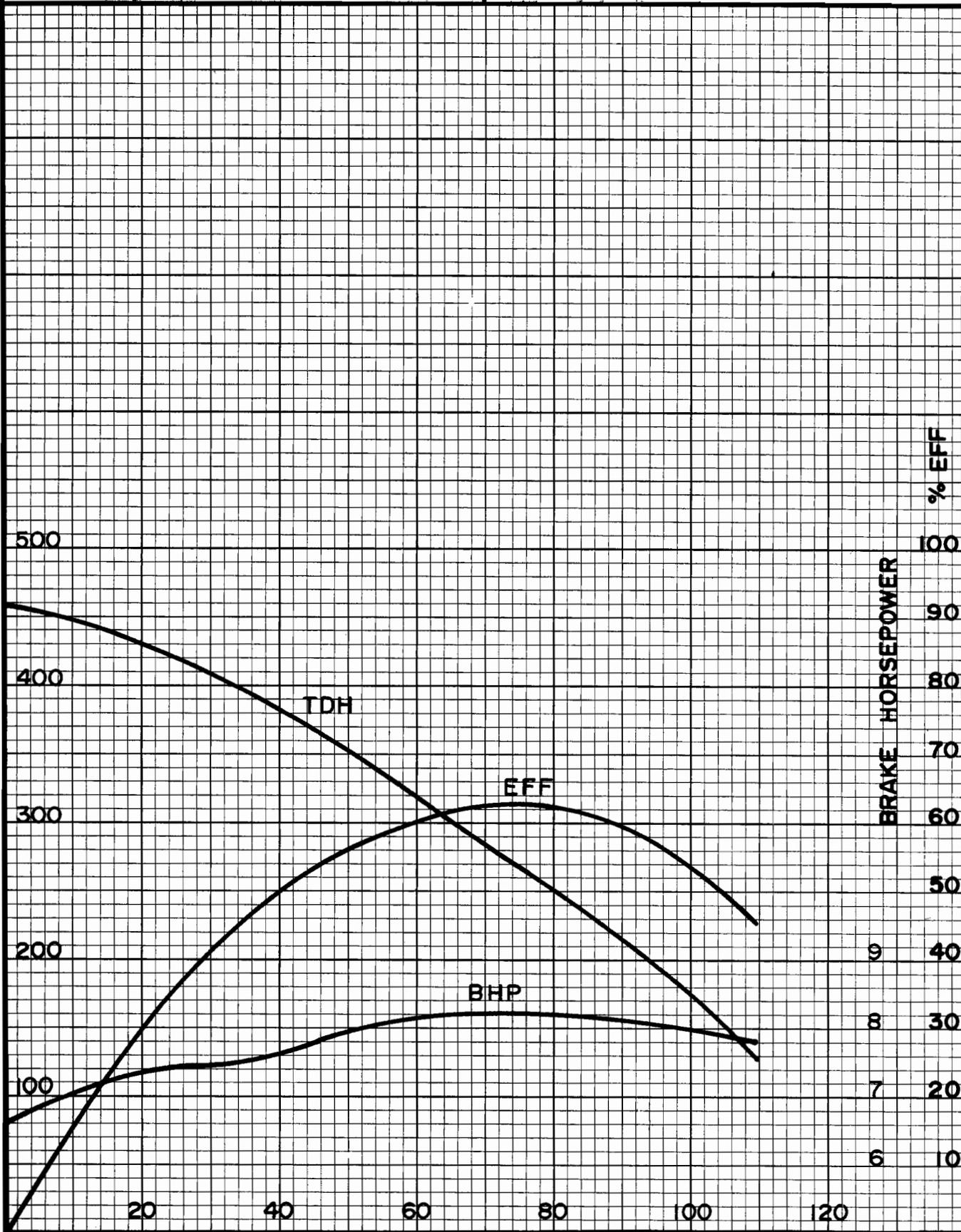
STAR-RITE INDUSTRIES, INC.

Water Equipment Division

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

DATE: FEB. 5, 1980

TOTAL HEAD FEET



CAPACITY U.S. G.P.M.

DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1234

IMPELLER DATA

IMPELLER No. P5-33P
 TYPE Enclosed - Plastic
 DIAMETER 2.838 x 41°
 EFFECTIVE EYE AREA 2.27 Sq. Inches
 NUMBER OF VANES 7
 THRUST CONSTANT K _____ Lbs./Ft. of Head
 WR² _____ Lbs. Ft.²
 WEIGHT 0.11 Lbs.
 EYE FLUID VELOCITY 0.141 Ft./Sec./G.P.M.
 PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

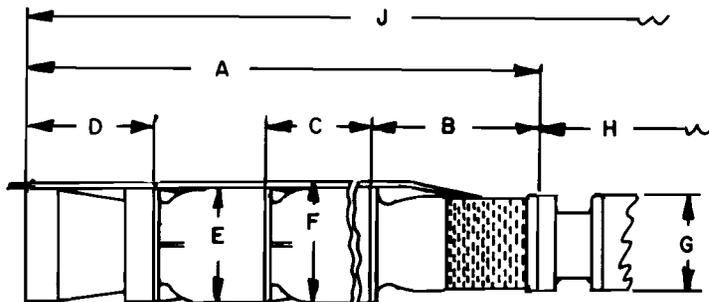
BOWL ASSEMBLY DATA

BOWL No. P101-51 (C.I.)
 CONNECTION TYPE Screwed
 DISCHARGE TAPPING 2-1/2" NPT
 PUMP SHAFT DIA. 1/2"
 NUMBER OF STAGES 17

PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 4 " MOTOR
 WITH SPEED OF 3460 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	65-7/8	4-11/16	3-5/16	4-7/8	3-9/16	3-13/16	3-3/4	46-11/16	112-9/16

UNIT WEIGHTS - POUNDS

MOTOR SIZE	4"	
PUMP INCLUDING MOTOR	171	
LIQUID END ONLY	64	