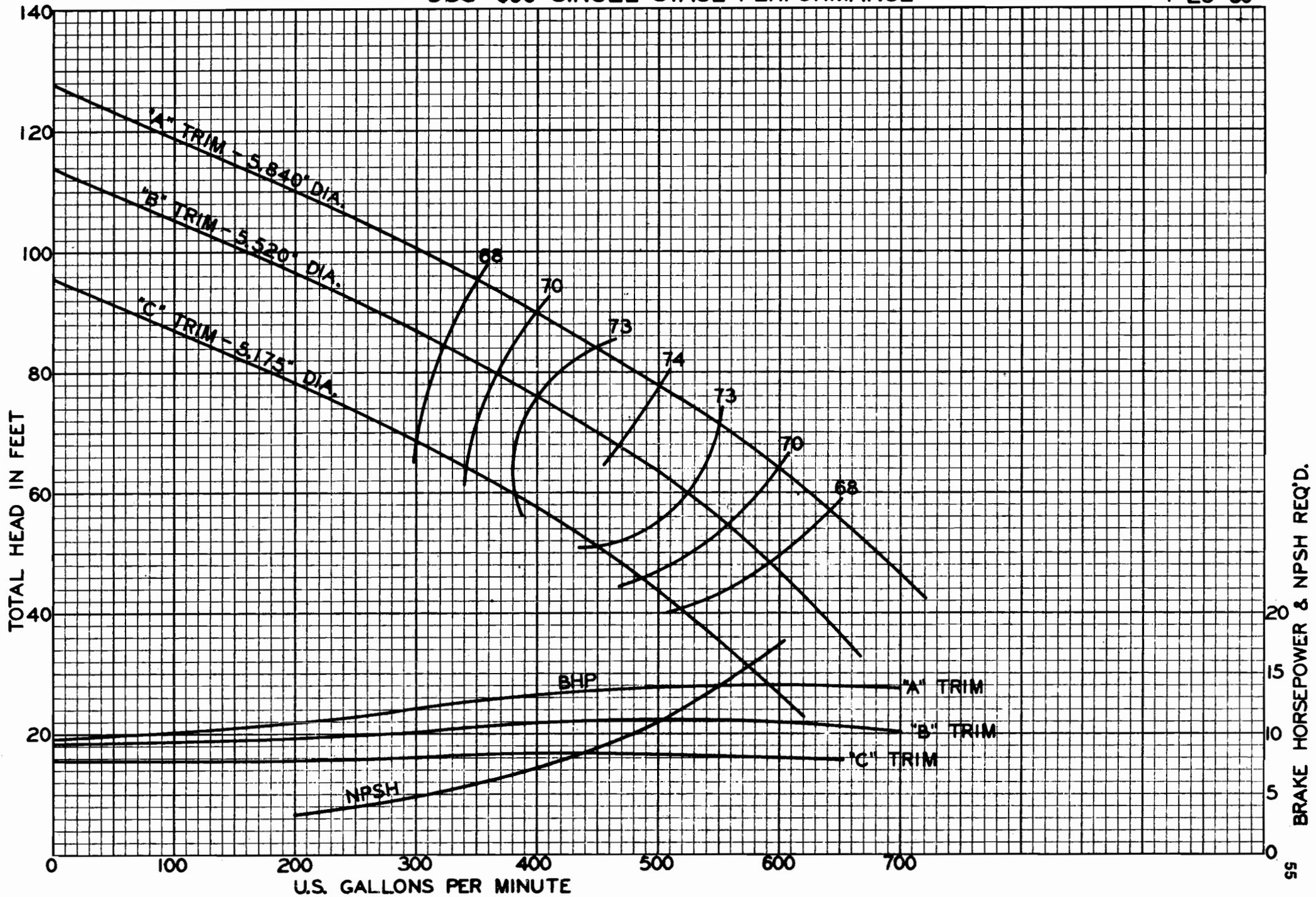


8SC-600 SINGLE STAGE PERFORMANCE

1-28-80



IMPELLER NO. 56533 .TYPE CLOSED .DIAMETER : A 5.840", B 5.520 ", C 5.175 ", D - ", _____

EFFICIENCY CORRECTION: ONE STAGE DEDUCT 3 %, TWO STAGE DEDUCT 2 %, THREE STAGE DEDUCT 1 %, FOUR STAGE DEDUCT 0 %

EFFECTIVE EYE AREA 11.79 sq. inches. NUMBER OF VANES 6 . THRUST CONSTANT K 4.57 lbs./ft. of head. WEIGHT 4.0 lbs.

WR2 .100 lbs. ft.². EYE FLUID VELOCITY CK .033 ft./sec./GPM. PERIPHERAL VELOCITY 15.3 ft./sec./inch of impeller dia.

BOWL DATA

BOWL NO. 28605 . CONNECTION TYPE BOLTED . NOMINAL DIAMETER (E) 7-1/4 ". MINIMUM DIAMETER (E) - ".

COLUMN PIPE SIZE 5 "STANDARD, 6 "MAXIMUM, - "MINIMUM. SUCTION PIPE SIZE - "STANDARD, - "MAXIMUM.

PUMP SHAFT DIAMETER 1.250 "STANDARD, - "MAXIMUM. LATERAL - "STANDARD, - "MAXIMUM.

SHAFT BEARING CLEARANCE .012 . IMPELLER SKIRT CLEARANCE .013 . MAXIMUM NUMBER OF STAGES 8 (std. construction).

MAXIMUM HEAD 1040 ft. (std. construction). MAXIMUM SPHERE SIZE _____".

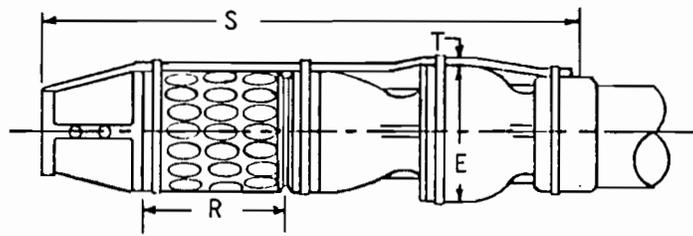
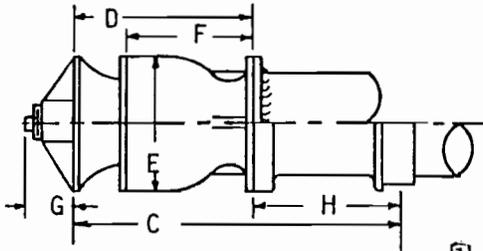
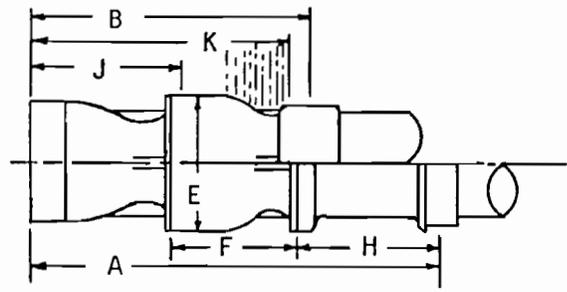
PROJECTIONS ABOVE COLUMN PIPE BUTT: TUBE 6"; SHAFT 14" - FOR EITHER OPEN OR ENCLOSED LINESHAFT.

DIMENSIONS

- A-Length one stage assembly with discharge bowl.
- B-Length one stage assembly less discharge bowl.
- C-Length one stage assembly with discharge bowl and bell.
- D-Length one stage assembly less discharge bowl with bell.
- E-Bowl Diameter.
- F-Length of additional stage.

- G-Hub projection on bell suction.
- H-Length of discharge bowl.
- J-Length of impeller eye above bottom of bowl.
- K-Minimum required submergence.
- R-Length submersible suction inlet.
- S-Length one stage submersible assembly.
- T-Height of cable guard.

DIMENSION	A	B	C	D	E	F	G	H	J	K	R	① S	T
INCHES					7-1/4	6"					3-1/16	② 24-7/8	
												③ 26-3/8	



- ① - DOES NOT INCLUDE 1" FOR THE THRUST BEARING EXTENSION PORTION OF THE DISCHARGE HEAD.
- ② - 6" MOTOR
- ③ - 8" MOTOR