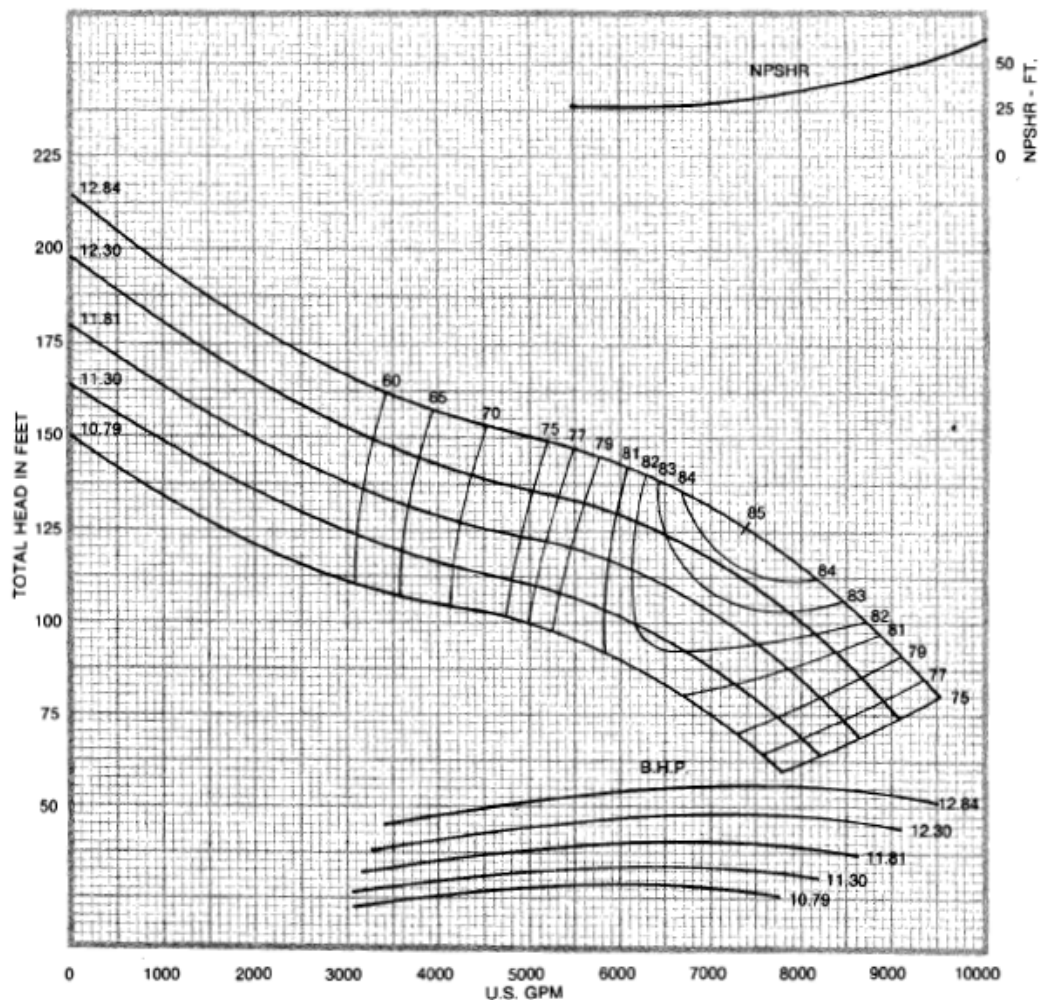


**VERTICAL TURBINE PUMPS
PERFORMANCE
21H @ 1770 RPM**

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EFFICIENCY CORRECTIONS (1)

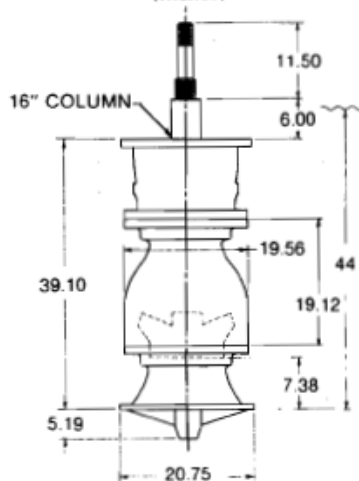
NUMBER OF STAGES	EFFICIENCY CHANGE
1	-2.5 POINTS
2	-1.5 POINTS
3	-0.5 POINTS
4	NO CHANGE
5	NO CHANGE
6	NO CHANGE

BOWL MATERIAL	EFFICIENCY CHANGE
CAST IRON	-2.0 POINTS
ENAMELED C.I.	NO CHANGE

IMPELLER MATERIAL	EFFICIENCY CHANGE
CAST IRON	-1.0 POINTS
BRONZE	NO CHANGE
ENAMELED C.I.	NO CHANGE

(1) Refer to selection data for head correction.

DIMENSIONS (Inches)



Add 19.12 for each additional stage

TECHNICAL DATA

DATA	VALUE
MAXIMUM OPERATING SPEED	1800 RPM
MAXIMUM NUMBER OF STAGES	5
IMPELLER SHAFT DIAMETER	2.4375 IN.
IMPELLER EYE AREA	77.5 SQ. IN.
MAXIMUM SPHERE SIZE	1.62 IN.
K ₁ (THRUST FACTOR)	42.92 LBS./FT.
K ₂ (ROTOR WT. PER STAGE)	88 LBS.
BOWL WT. (FIRST STAGE)	900 LBS.
BOWL WT. (EACH ADD'L. STAGE)	435 LBS.
ALLOWABLE SHAFT STRETCH	.94 IN.
WK ² (FIRST STAGE)	16.93 LBS. - FT.
WK ² (EACH ADD'L. STAGE)	16.76 LBS. - FT.
BOWL RING CLEARANCE	.022/.028 IN.

**These are nominal values. Refer to "Application and Reference Data" for information further limiting or extending these values