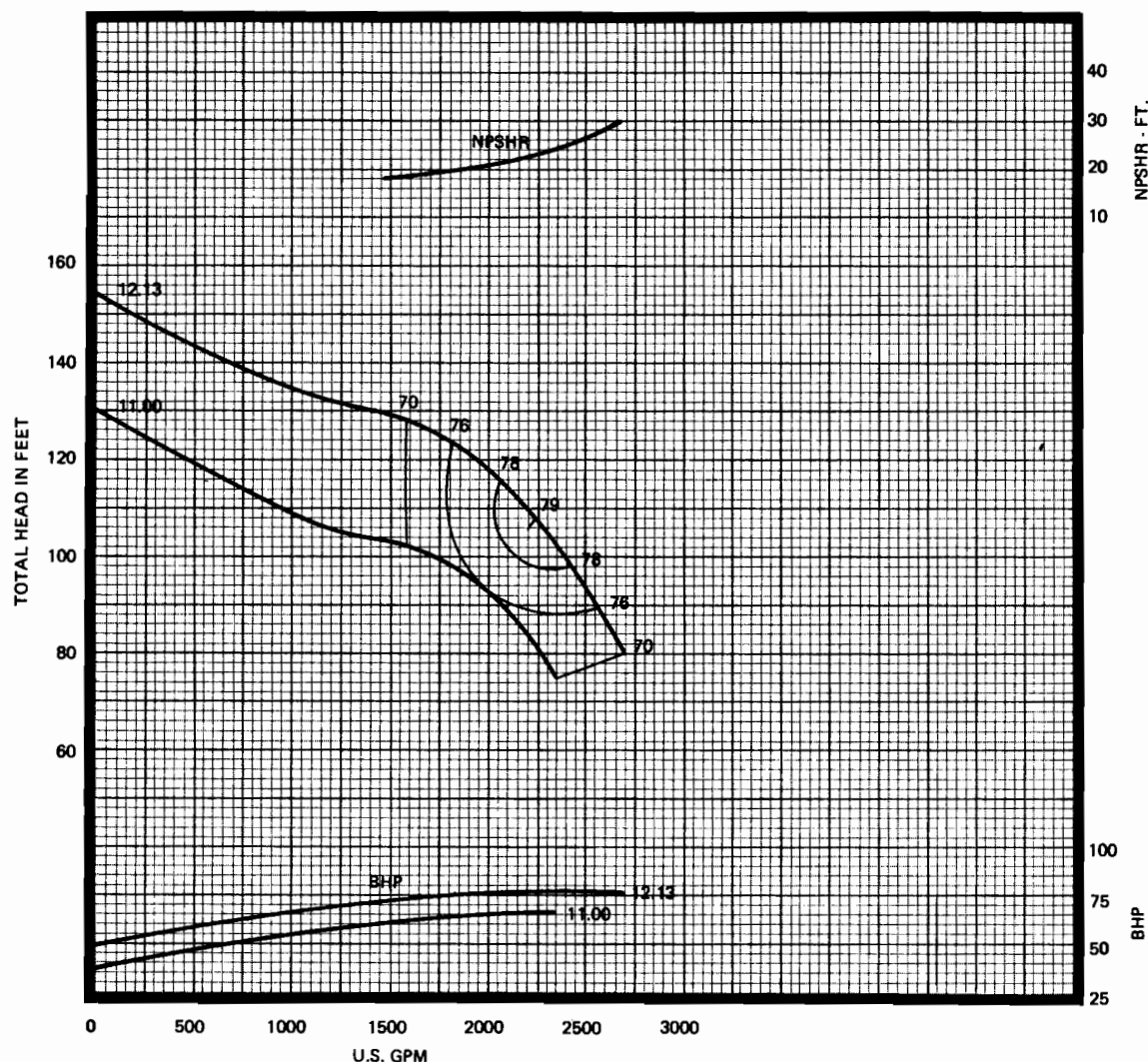


VERTICAL TURBINE PUMPS SINGLE STAGE PERFORMANCE



EFFICIENCY CORRECTIONS (1)

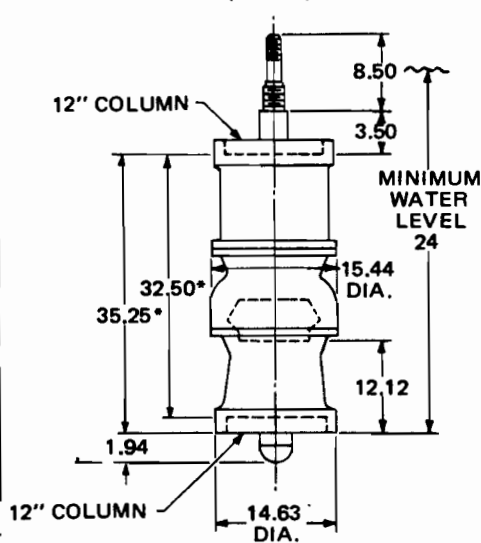
NUMBER OF STAGES	EFFICIENCY CHANGE
1	- 2.0 POINTS
2	- 1.0 POINTS
3	NO CHANGE
4	NO CHANGE
5	NO CHANGE
6 OR MORE	NO CHANGE

BOWL MATERIAL	EFFICIENCY CHANGE
CAST IRON	- 1.0 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 "Application and Reference Data" for head correction.

DIMENSIONS (Inches)



TECHNICAL DATA

DATA	VALUE
MAXIMUM OPERATING SPEED	2250 RPM
MAXIMUM NUMBER OF STAGES	7**
PUMP SHAFT DIAMETER	2 ³ / ₁₆ IN.
IMPELLER EYE AREA	47.7 SQ. IN.
MAXIMUM SPHERE SIZE	1.00 IN.
K _t (THRUST FACTOR)	17 LBS./FT.
K _a (ROTOR WT. PER STAGE)	37.3 LBS.
BOWL WT. (FIRST STAGE)	600 LBS.
BOWL WT. (EACH ADD'L. STAGE)	300 LBS.
ALLOWABLE SHAFT STRETCH	.81 IN.**
WK ² (FIRST STAGE)	7.26 LBS. - FT. ²
WK ² (EACH ADD'L. STAGE)	7.10 LBS. - FT. ²
BOWL RING CLEARANCE	.012/.017 IN.

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