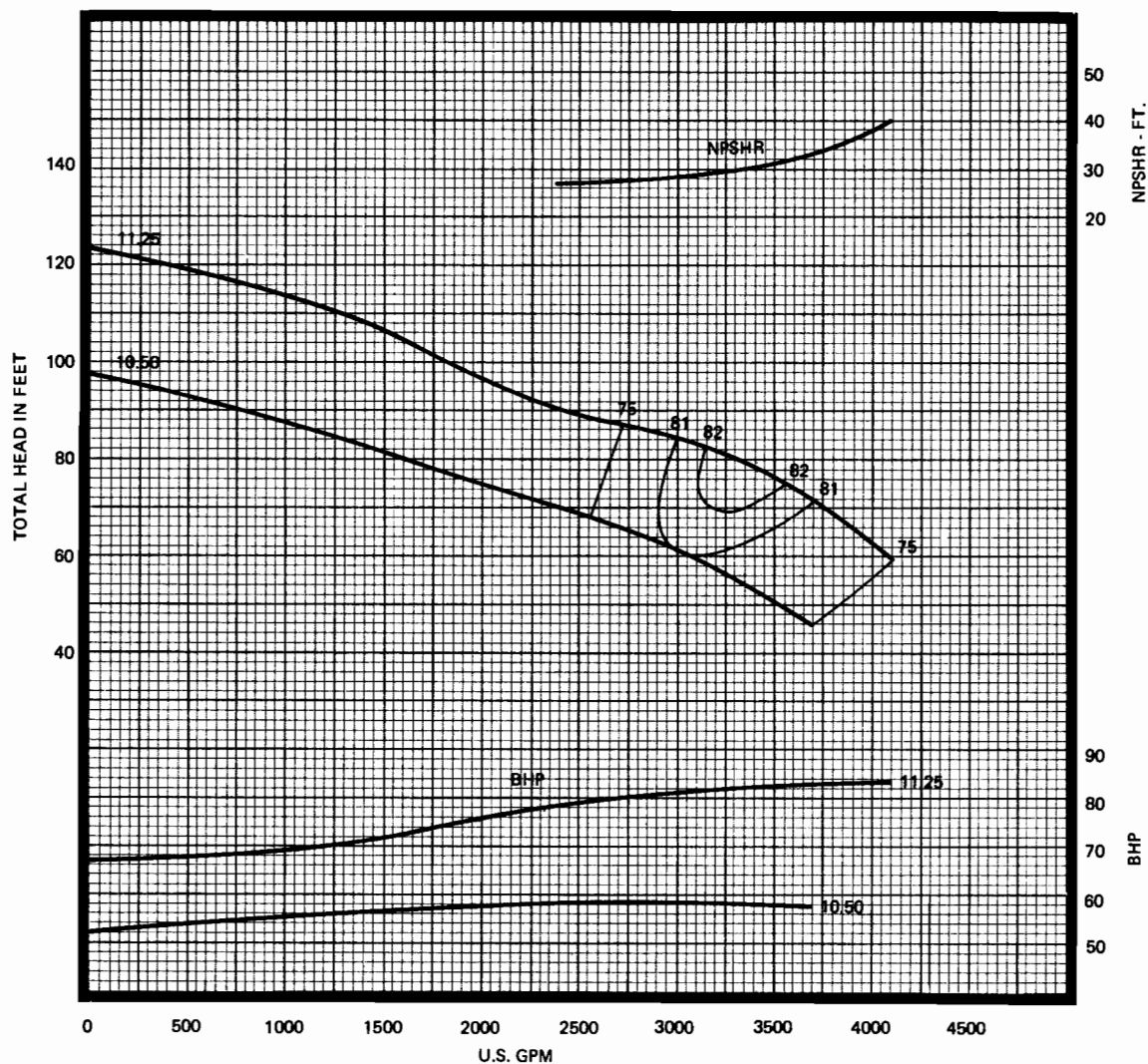


VERTICAL TURBINE PUMPS SINGLE STAGE PERFORMANCE



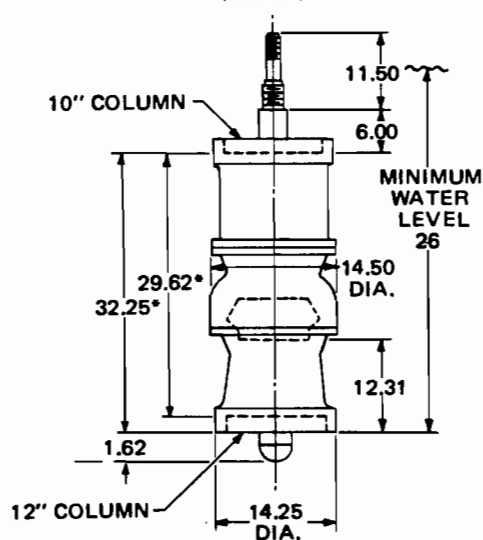
EFFICIENCY CORRECTIONS (1)

NUMBER OF STAGES	EFFICIENCY CHANGE
1	- 3.0 POINTS
2	- 2.0 POINTS
3	- 1.0 POINTS
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

DIMENSIONS (Inches)



*Add 13.50 for each additional stage.

TECHNICAL DATA

DATA	VALUE
MAXIMUM OPERATING SPEED	2200 RPM
MAXIMUM NUMBER OF STAGES	6**
PUMP SHAFT DIAMETER	1 ¹⁵ / ₁₆ IN.
IMPELLER EYE AREA	52.2 SQ. IN.
MAXIMUM SPHERE SIZE	1.00 IN.
K _t (THRUST FACTOR)	20 LBS./FT.
K _a (ROTOR WT. PER STAGE)	27 LBS.
BOWL WT. (FIRST STAGE)	450 LBS.
BOWL WT. (EACH ADD'L. STAGE)	165 LBS.
ALLOWABLE SHAFT STRETCH	.81 IN.**
WK ² (FIRST STAGE)	4.40 LBS. - FT. ²
WK ² (EACH ADD'L. STAGE)	4.38 LBS. - FT. ²
BOWL RING CLEARANCE	.014/.020 IN.

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

(1) Refer to "Application and Reference Data" for head correction.