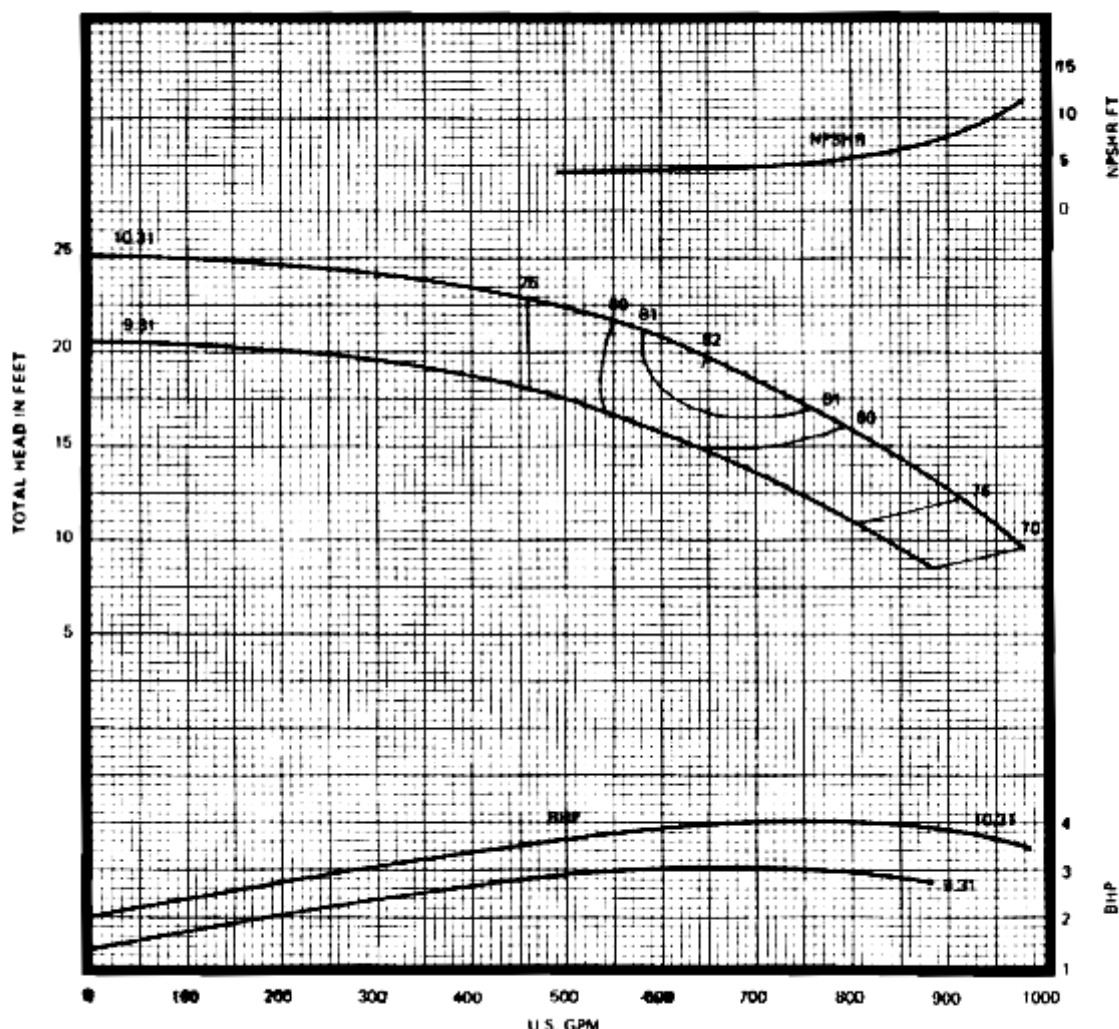


VERTICAL TURBINE PUMPS SINGLE STAGE PERFORMANCE

**14MC
7000**

**880
RPM**

IMPELLER
T5FB92



EFFICIENCY CORRECTIONS (1)

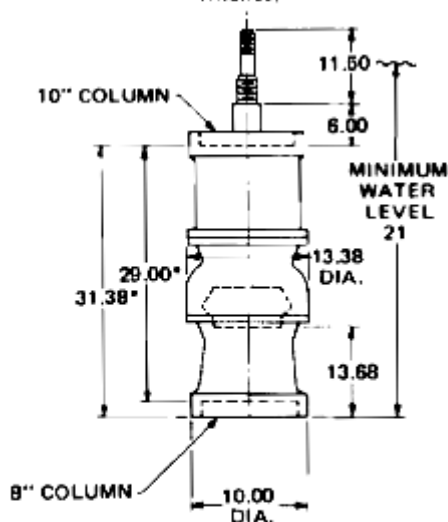
NUMBER OF STAGES	EFFICIENCY CHANGE
1	4.0 POINTS
2	3.0 POINTS
3	2.0 POINTS
4	1.0 POINTS
5	NO CHANGE
6 OR MORE	NO CHANGE

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

IMPELLER MATERIAL	EFFICIENCY CHANGE
CAST IRON	2.0 POINTS
BRONZE	NO CHANGE
EPOXIED C.I.	NO CHANGE

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

DIMENSIONS (Inches)



*Add 10.50 for each additional stage.

TECHNICAL DATA

DATA	VALUE
MAXIMUM OPERATING SPEED	2000 RPM
MAXIMUM NUMBER OF STAGES	19**
PUMP SHAFT DIAMETER	1.5 IN.
IMPELLER EYE AREA	28.72 SQ. IN.
MAXIMUM SPHERE SIZE	68 IN.
K ₁ (THRUST FACTOR)	10.1 LBS./FT.
K ₂ (ROTOR WT. PER STAGE)	23.50 LBS.
BOWL WT. (FIRST STAGE)	420 LBS.
BOWL WT. (EACH ADD'L STAGE)	150 LBS.
ALLOWABLE SHAFT STRETCH	.88 IN.**
WK ² (FIRST STAGE)	3.62 LBS.-FT. ²
WK ² (EACH ADD'L STAGE)	3.54 LBS.-FT. ²
BOWL RING CLEARANCE	.006/.011 IN.

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