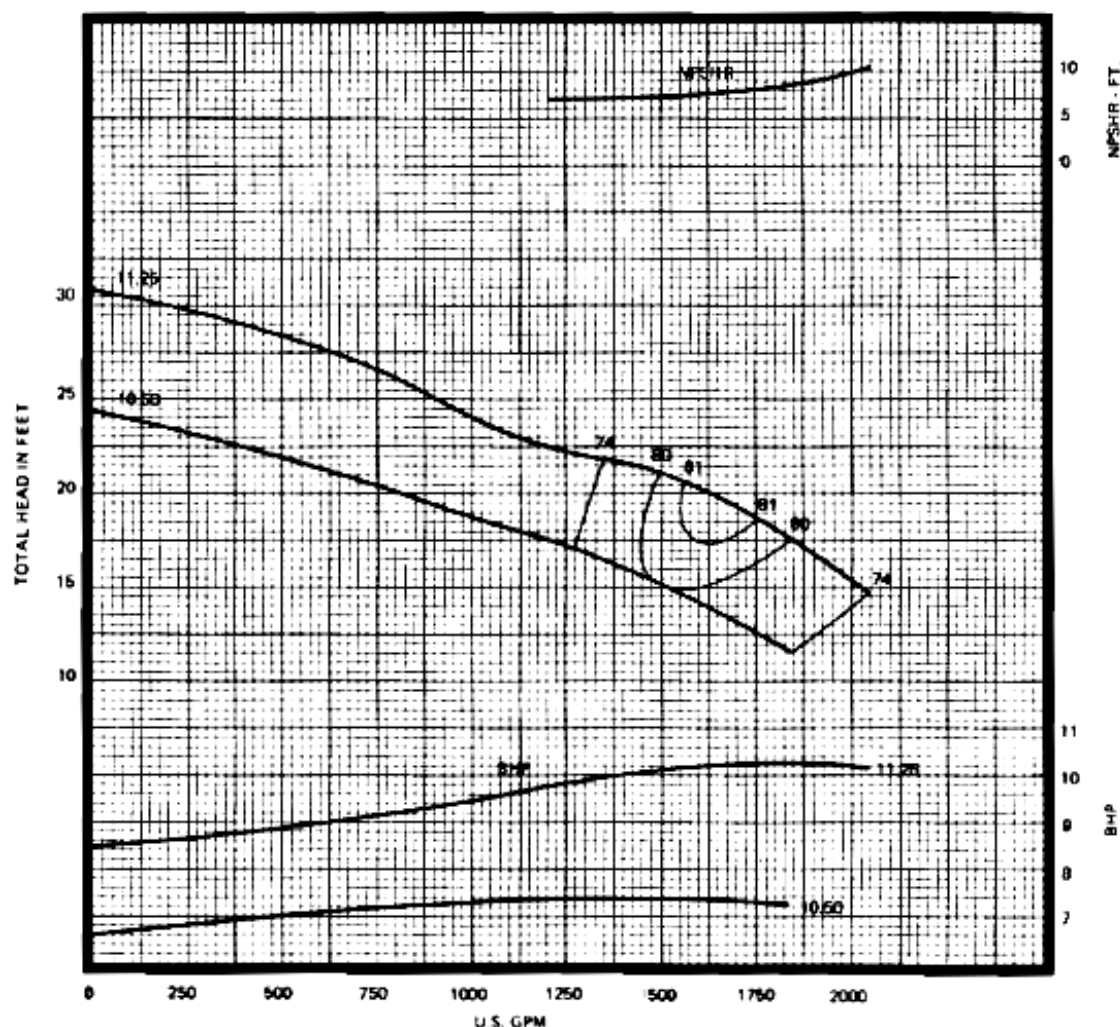


VERTICAL TURBINE PUMPS SINGLE STAGE PERFORMANCE

**14XH
7000**

**880
RPM**

IMPELLER
T5FA26B



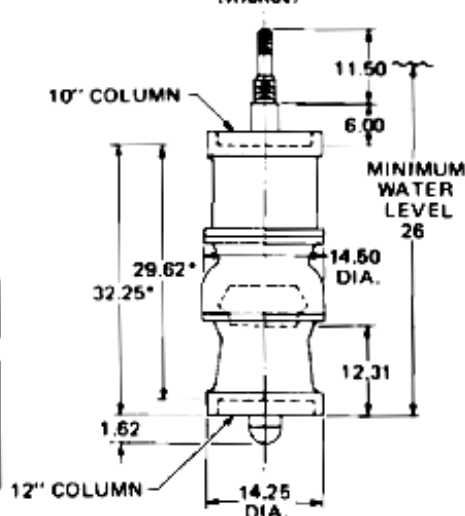
EFFICIENCY CORRECTIONS (1)

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
EPOXIED C.I.	NO CHANGE

IMPELLER MATERIAL	EFFICIENCY CHANGE
CAST IRON	- 1.0 POINTS
BRONZE	NO CHANGE
EPOXIED 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	15**
PUMP SHAFT DIAMETER	1 1/8 IN.
IMPELLER EYE AREA	52.21 SQ. IN.
MAXIMUM SPHERE SIZE	1.00 IN.
K ₁ (THRUST FACTOR)	20 LBS./FT.
K ₂ (ROTOR WT. PER STAGE)	27 LBS.
BOWL WT. (FIRST STAGE)	450 LBS.
BOWL WT. (EACH ADD'L STAGE)	165 LBS.
ALLOWABLE SHAFT STRETCH	.88 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.

FAIRBANKS MORSE PUMPS