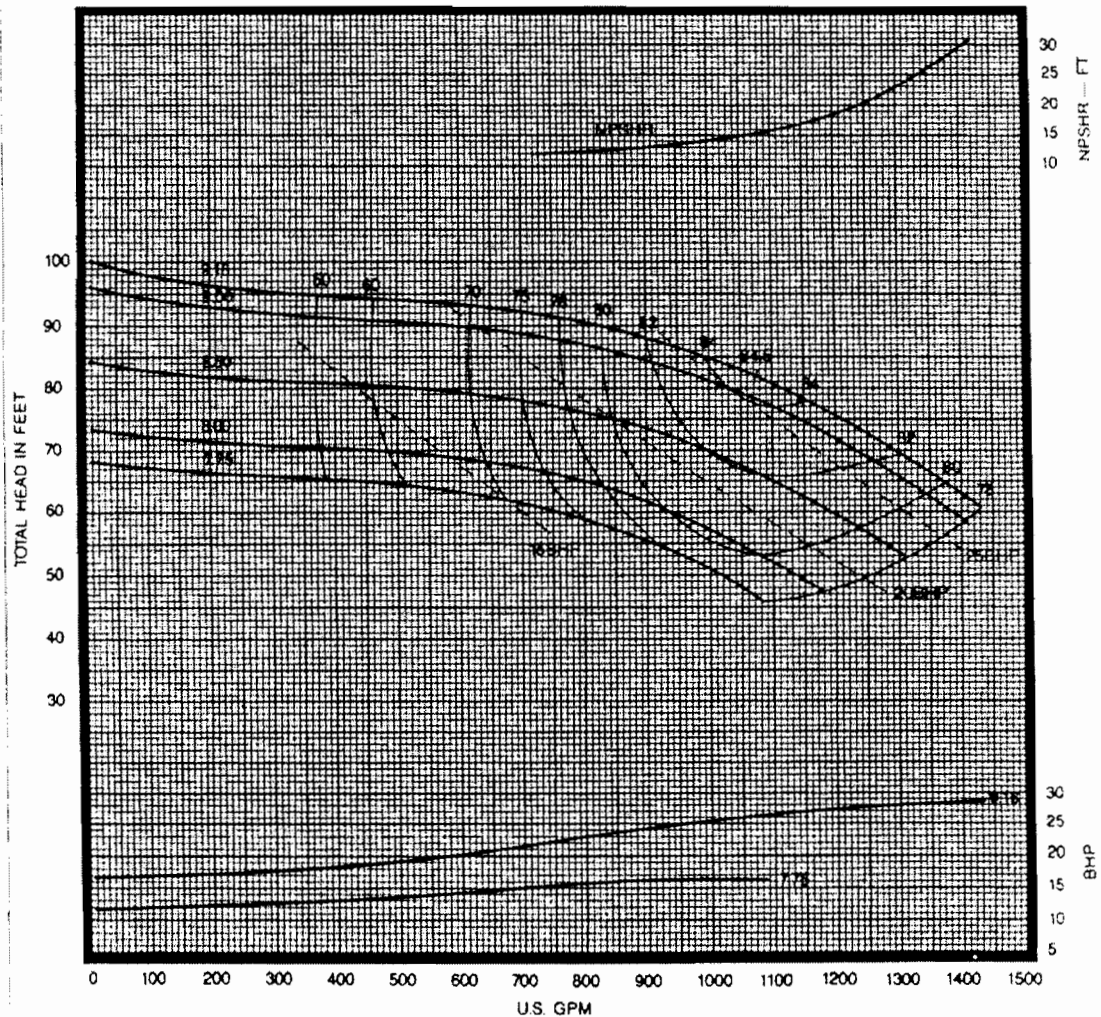


12M
7000
1770
RPM

ENCLOSED
IMPELLER
T7EA92



EFFICIENCY CORRECTIONS₍₁₎

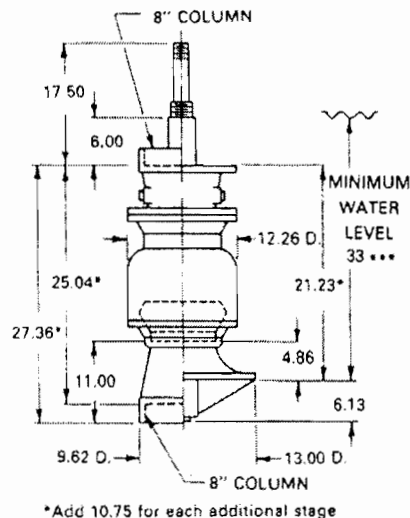
NUMBER OF STAGES	EFFICIENCY CHANGE
1	-2.5 POINTS
2	-1.5 POINTS
3	-0.5 POINTS
4	NO CHANGE
5	NO CHANGE
6 OR MORE	NO CHANGE

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

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

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

DIMENSIONS
(Inches)



TECHNICAL DATA

DATA	VALUE
MAXIMUM OPERATING SPEED	2300 RPM
MAXIMUM NUMBER OF STAGES	8**
PUMP SHAFT DIAMETER	1 1/16 IN.
IMPELLER EYE AREA	19.40 SQ. IN.
MAXIMUM SPHERE SIZE	.94 IN.
K _t (THRUST FACTOR)	6.33 LBS./FT
K _r (ROTOR WT. PER STAGE)	29.50 LBS.
BOWL WT. (FIRST STAGE)	290 LBS
BOWL WT. (EACH ADD'L. STAGE)	105 LBS
ALLOWABLE SHAFT STRETCH	.92 IN.
WK ² (FIRST STAGE)	1.62 LBS.-FT. ²
WK ² (EACH ADD'L. STAGE)	1.57 LBS.-FT. ²
BOWL RING CLEARANCE	0.04-0.018 IN.

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

*** This value is the minimum submergence required to prevent vortexing only. This value may need to be increased to provide adequate NPSHA.