

NO. OF STAGES	EFF. CHANGE (NO. OF POINTS)
1	-4 1/2
2	-1
3	-0

HORSEPOWER WILL BE EFFECTED BY CHANGE IN EFFICIENCY

PERFORMANCE FOR:
Bowl Pattern No.: 546000-C-R4
Imp. Pattern No.: 546001-B-R0

PUMP DATA

Shaft Dia. (IN.)	1 11/16
Maximum Sphere (IN.)	1
Maximum Head (FT.)*	617
Min. Submergence (IN.)**	24
Impeller Wt. (LBS.)	25.6
Thrust Constant (K)	13.5
Bowl O.D. (IN.)	11 1/4

NOTES

Performance indicated based on cold water with a specific gravity of 1.0

* Standard construction.

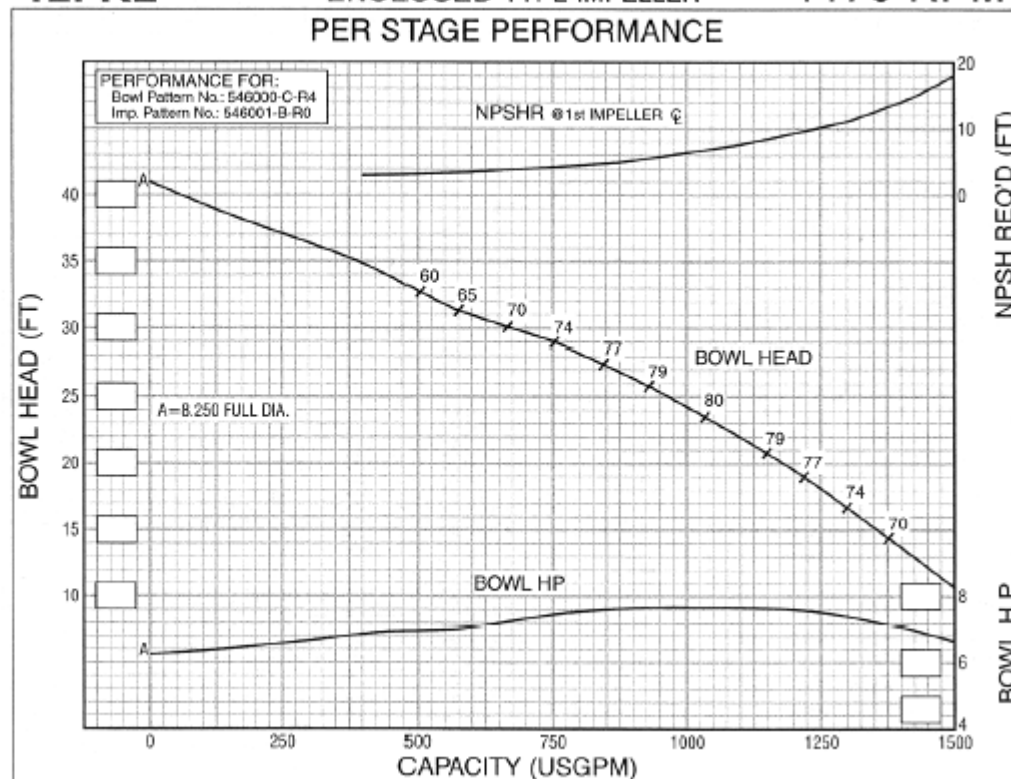
** Minimum submergence over lip of bell to prevent vortexing.

Efficiency improvements are available in certain instances. Please contact the factory.

12FKL

ENCLOSED TYPE IMPELLER
PER STAGE PERFORMANCE

1170 RPM

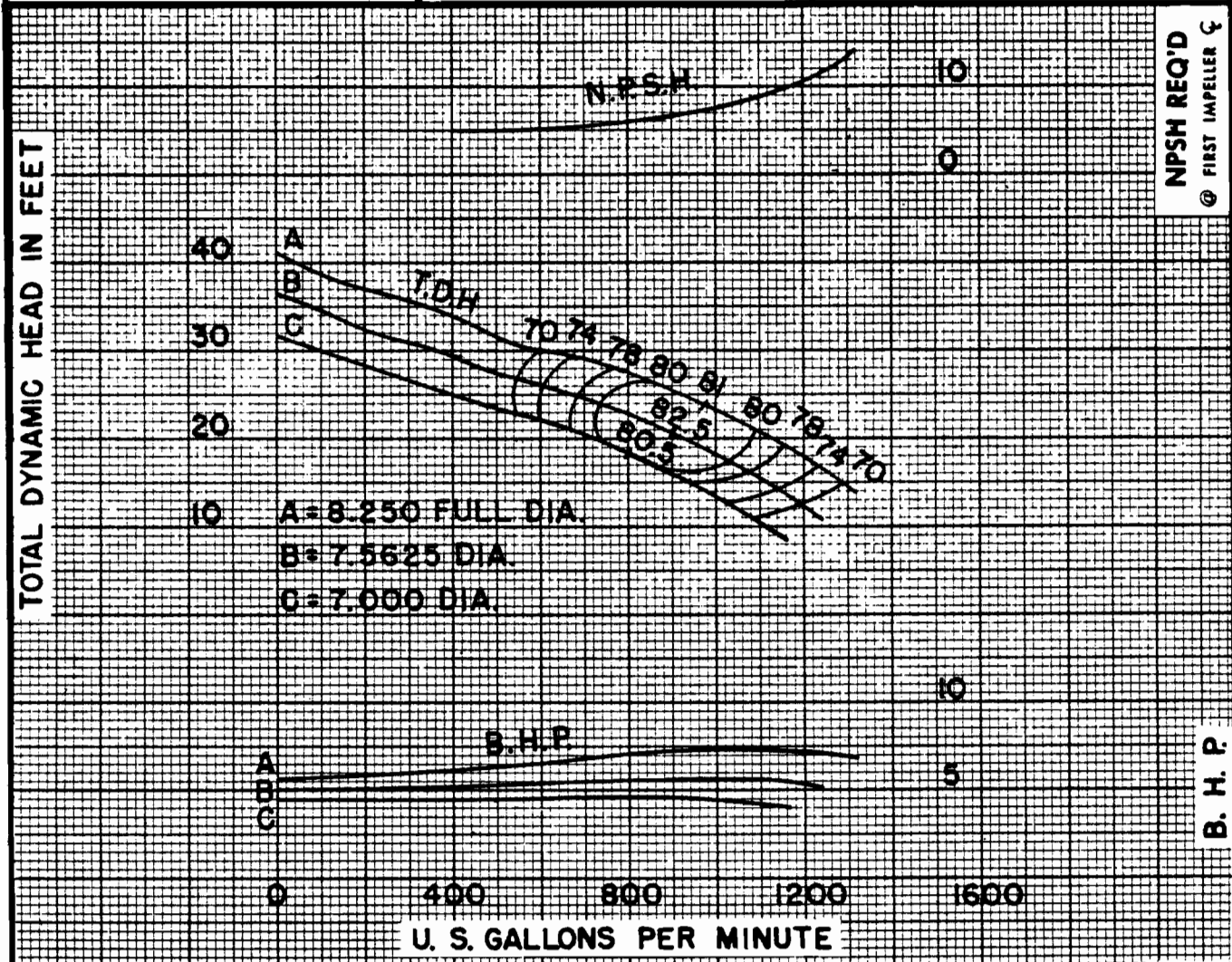


NUMBER OF STAGES	EFFICIENCY CHANGE	NUMBER OF POINTS
1	LOWER	2 1/2
2	LOWER	1
3	LOWER	0

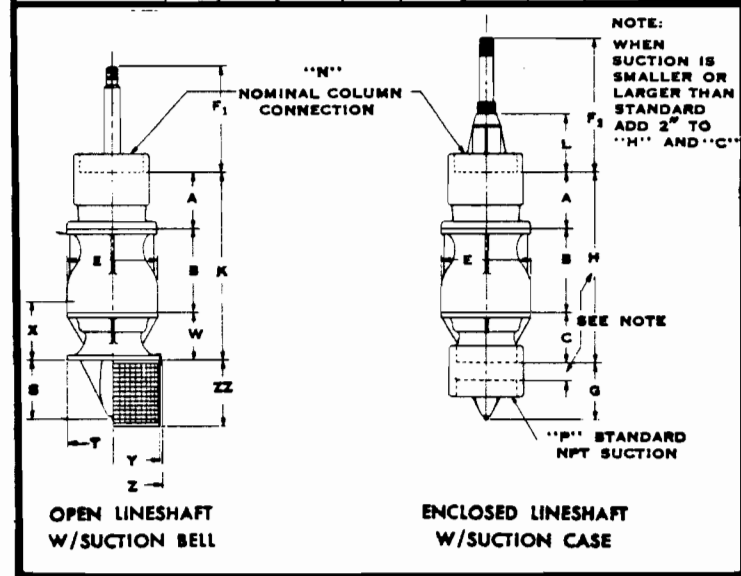
HORSEPOWER WILL BE AFFECTED BY CHANGE IN EFFICIENCY



12FKL 1170 RPM
PER STAGE PERFORMANCE
ENCLOSED TYPE IMPELLER



DIMENSIONS IN INCHES	A	B	C	E	F ₁	F ₂	G	H	K	L	N	P	S	T	W	X	Y	Z	ZZ
	7 3/4	10 5/16	9	11 3/4	12	16	3 3/4	27 1/8	27 1/8	8	8-10-12	10	3 3/4	13 1/16	9	11 1/4	13 1/8	13 7/8	10 3/4



PUMP DATA	
Thrust Constant (K)	15.5 W.R. ² 2.164 Lb. Ft. ²
Shaft Dia.	1 11/16" Max. Sphere 1"
Eye Area	32.2 in ² Max. Head (Std. Cnst.) 617'
Max. Number of Stages (Std. Const.)	15
Axial Clearance (Std.)	1/2" Axial Clearance (Max.) 1"

NOTES:
"K" is length of a one stage assembly — from lip of bell to column butt.
"H" is length of a one stage assembly — from end of suction pipe to column butt.
"Y" is strainer diameter.
"Z" is maximum diameter across strainer fasteners.
WR² is per stage for impeller, collet and one stage shaft length.
Maximum head indicated is based on cold water with 1.0 specific gravity.

FLOWAY PUMPS, INC.
FRESNO, CALIFORNIA

NOT FOR CERTIFICATION