



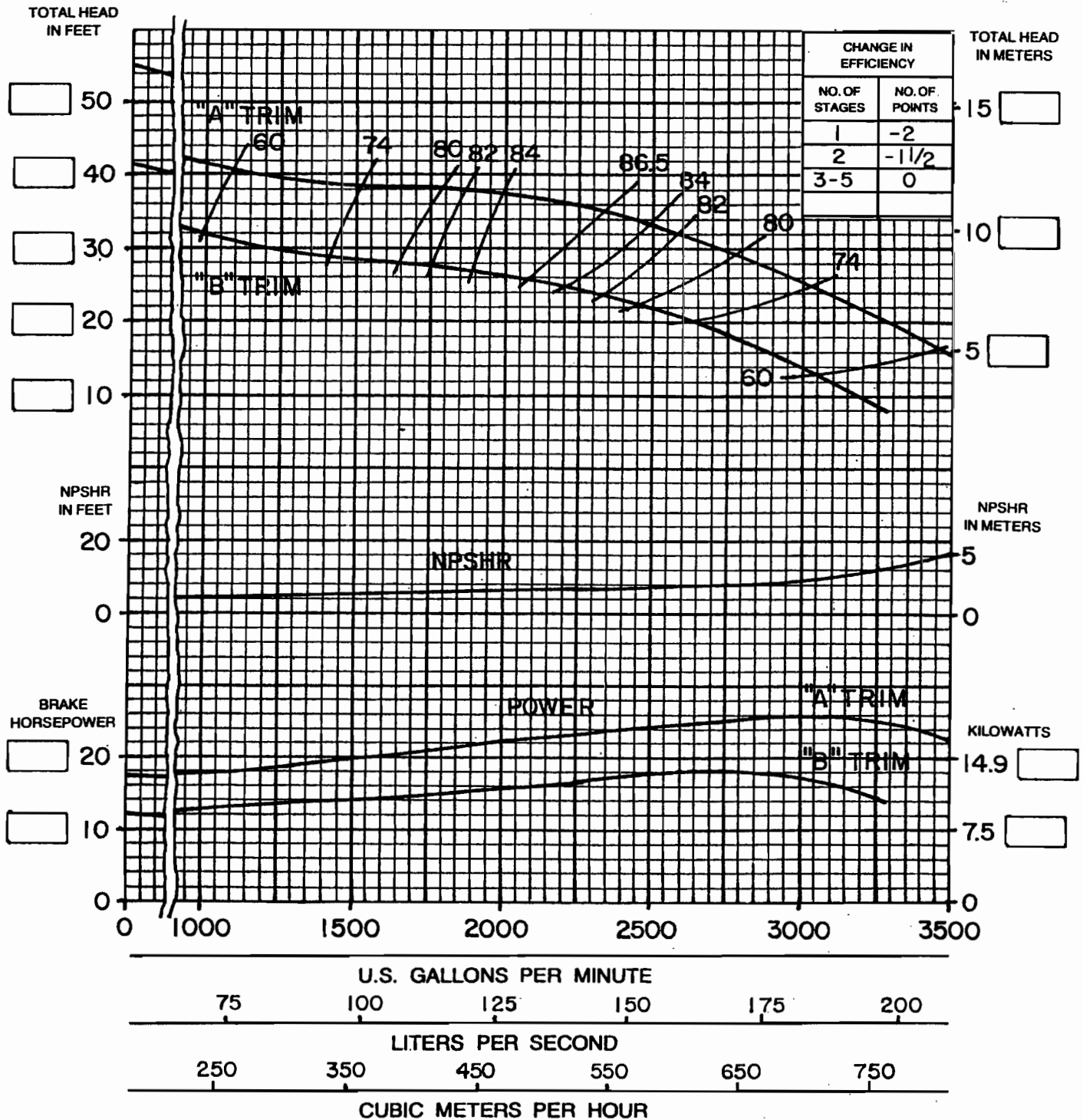
**870 RPM
SINGLE STAGE PERFORMANCE**

MODEL 18ACH

STANDARD CONSTRUCTION

See reverse side for detailed information.

☐ STAGES REQUIRED



Pump hydraulic performance is based on handling cold clear, fresh nonaerated water, free of foreign materials.

Customer: _____

Item No.: _____

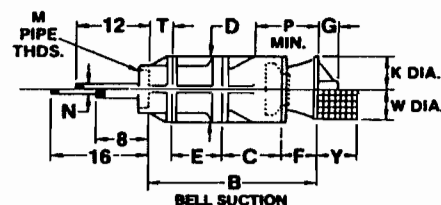
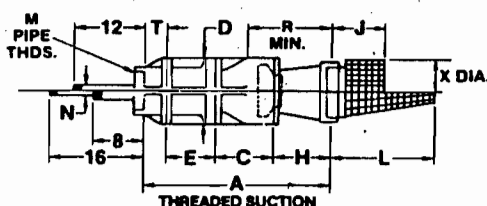
Capacity: _____ TDH _____ Bowl HP _____ Bowl Efficiency _____

IMPELLER DATA

IMPELLER NO. 418-3-3006 . TYPE ENCLOSED . DIAMETER: A 13.86 ", 351.9 mm,
 B 12.86 ", 326.5 mm, C _____ ", _____ mm,
 EFFECTIVE EYE AREA 56.03 sq. inches, 36148 sq. mm. NUMBER OF VANES 7 .
 THRUST CONSTANT K 28 lbs. / ft. 408.8 N / m of head. WEIGHT 45 lbs., 20.45 Kg.
 WR² 10.81 lbs. / ft²., 52.78 Kg / m².
 EYE FLUID VELOCITY CK .006 ft. / sec. / GPM, .029 m / sec. / LPS.
 PERIPHERAL VELOCITY 3.80 ft. / sec. / inch, 1.15 m / sec. / mm of impeller dia. Ns 1624.1

BOWL DATA

BOWL NO. 418-3-2001 . CONNECTION TYPE FLANGED . NOMINAL DIAMETER (E) 17.56 ", 446.1 mm.
 MINIMUM DIAMETER (E) * ", * mm.
 COLUMN PIPE SIZE 14 ", 355.6 mm, STANDARD, 10 ", 254.0 mm, MAXIMUM
 SUCTION PIPE SIZE 14 ", 355.6 mm, STANDARD, 14 ", 355.6 mm, MAXIMUM.
 PUMP SHAFT DIAMETER 2.19 ", 55.56 mm, STANDARD * ", * mm MAXIMUM.
 LATERAL .625 ", 15.88 mm, STANDARD, * ", * mm MAXIMUM.
 AFT BEARING CLEARANCE .010 ", .254 mm. IMPELLER SKIRT CLEARANCE .015 ", .381 mm.
 MAXIMUM NUMBER OF STAGES 5 (std. construction).
 MAXIMUM HEAD 708 ft., 215.9 m (std. construction). MAXIMUM SPHERE SIZE 1.125 ", 28.6 mm.
 PROJECTIONS ABOVE COLUMN PIPE BUTT: **TUBE** 8", 203.2mm; **SHAFT** 16", 406.4mm. FOR ENCLOSED
 LINESHAFT. 12", 304.8mm. FOR OPEN LINESHAFT.
 * REFER TO FACTORY.
 WEIGHT: SINGLE STAGE 687 lbs., 311.9 Kgs. ADDITIONAL STAGE 277 lbs., 125.8 Kgs.



STANDARD DIMENSIONS

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	W	X	Y
IN.	3 1/4	31	12 1/2	17 9/16	7 1/8	7 3/4	4 3/4	7 7/8	16	17 9/16	4 7/8	14	2 3/16	10 7/8	8 1/2	3 5/8	18 3/16	20	10
MM.	793.8	787.4	317.5	446.0	180.9	196.9	120.7	200.2	406.4	446.0	1063.8	355.6	55.6	276.4	215.9	91.9	462.0	508.0	254.0