



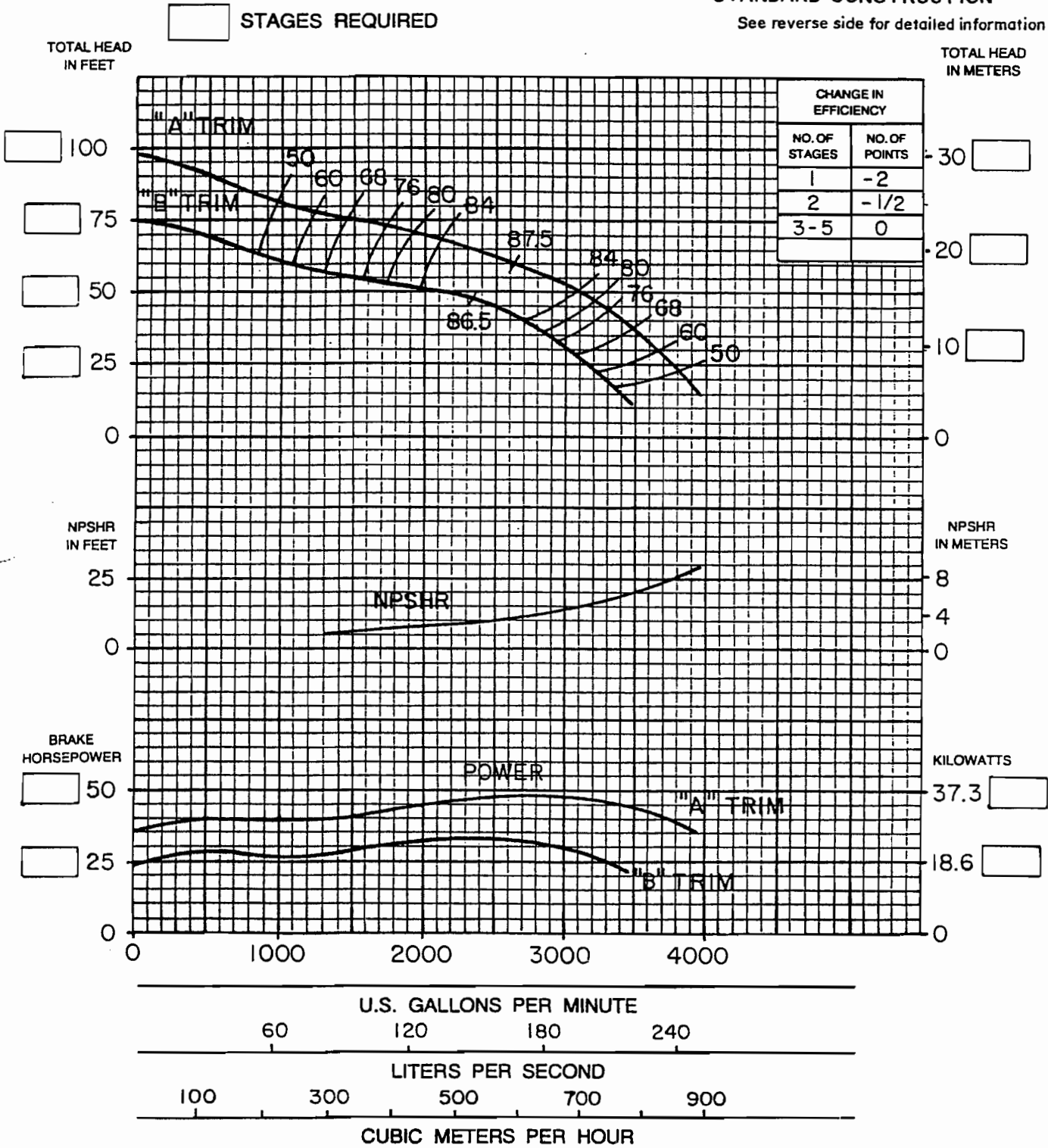
Section 6
Page 39
Curve No. 121801
Effective Oct., 1992
Supersedes Jan., 1984

1160 RPM
SINGLE STAGE PERFORMANCE

MODEL 18ACL

STANDARD CONSTRUCTION

See reverse side for detailed information



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

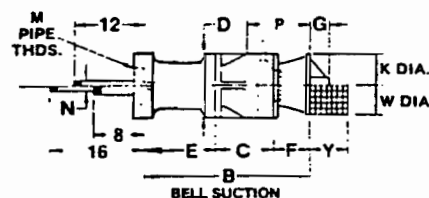
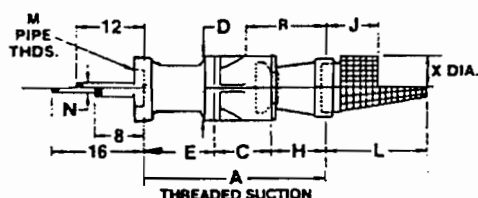
Customer: _____
Item No.: _____
Capacity: _____ TDH _____ Bowl HP _____ Bowl Efficiency _____

IMPELLER DATA

IMPELLER NO. 418-3-3001 . TYPE ENCLOSED . DIAMETER: A 13.86 ", 352.04 mm,
 B 12.86 ", 326.64 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 48 lbs., 21.82 Kg.
 WR^2 20.27 lbs. / ft²., 98.92 Kg / m².
 EYE FLUID VELOCITY CK .006 ft. / sec. / GPM, .029 m / sec. / LPS.
 PERIPHERAL VELOCITY 5.06 ft. / sec. / inch, .061 m / sec. / mm of impeller dia. Ns 2769

BOWL DATA

BOWL NO. 418-3-2001 . CONNECTION TYPE FLANGED . NOMINAL DIAMETER (E) 17.56 ", 446.02mm.
 MINIMUM DIAMETER (E) * ", * mm.
 COLUMN PIPE SIZE 14 ", 355.6 mm, STANDARD, 10 ", 254 mm, MINIMUM.
 SUCTION PIPE SIZE 14 ", 355.6 mm, STANDARD, 14 ", 355.6 mm, MAXIMUM.
 PUMP SHAFT DIAMETER 2.188 ", 55.58 mm, STANDARD * ", * mm MAXIMUM.
 LATERAL .625 ", 15.88 mm, STANDARD, * ", * mm MAXIMUM.
 SHAFT BEARING CLEARANCE .010 ", .254 mm. IMPELLER SKIRT CLEARANCE .015 ", .381 mm.
 MAXIMUM NUMBER OF STAGES 7 (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., 311.89 Kgs. ADDITIONAL STAGE 277 lbs., 125.75 Kgs.



STANDARD DIMENSIONS

	A	A ₁	B	B ₁	C	D	E	F	G	H	J	K	L	M	N	P	R	T	W	X
IN.	31 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	41 7/8	14	2 3/16	10 7/8	8 1/2	3 5/8	18 3/16	20
MM.	793.8		787.4		317.5	446.0	180.9	196.9	120.7	200.2	406.4	446.0	1064	355.6	55.6	276.4	215.9	92.0	462.0	508.0