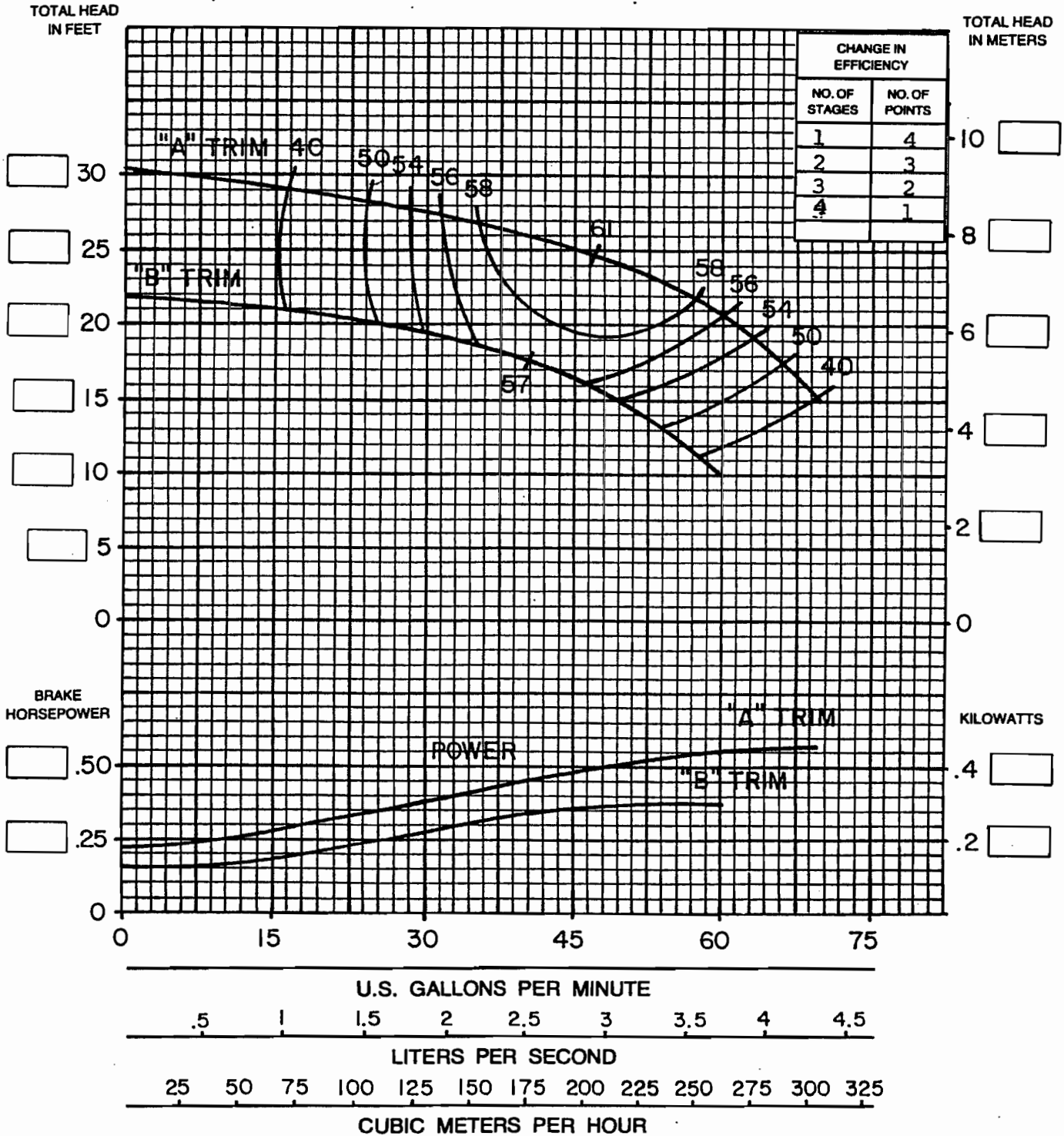




**3500 RPM
SINGLE STAGE PERFORMANCE**

MODEL 4ACM

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

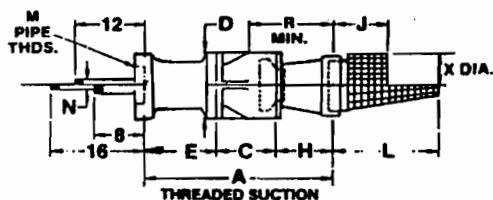
PELLER NO. 404-3-0003 . TYPE CLOSED . DIAMETER: A 2.875 ", 73.03 mm,
 B 2.437 ", 61.90 mm, C ", mm,
 EFFECTIVE EYE AREA 1.937 sq. inches, 1249.67 sq. mm. NUMBER OF VANES 7 .
 THRUST CONSTANT K 0.9 lbs. / ft. 13.14 N / m of head. WEIGHT 1 lbs., 0.454 Kg.
 WR² * lbs. / ft²., * Kg / m².
 EYE FLUID VELOCITY CK 0.178 ft. / sec. / GPM, 0.852 m / sec. / LPS.
 PERIPHERAL VELOCITY 15.72 ft. / sec. / inch, .189 m / sec. / mm of impeller dia. Ns 2218

BOWL DATA

BOWL NO. 404-3-2001 CONNECTION TYPE THREADED. NOMINAL DIAMETER (E) 3.62 ", 91.95 mm.
 MINIMUM DIAMETER (E) 3.62 ", 91.95 mm.
 COLUMN PIPE SIZE 2½ ", 63.5 mm, STANDARD, 2½ ", 63.5 mm, MAXIMUM
 SUCTION PIPE SIZE 2½ ", 63.5 mm, STANDARD, 2½ ", 63.5 mm, MAXIMUM.
 PUMP SHAFT DIAMETER .625 ", 15.88 mm, STANDARD .625 ", 15.88 mm MAXIMUM.
 LATERAL 0.312 ", 7.938 mm, STANDARD, .0312 ", 7.938 mm MAXIMUM.
 SHAFT BEARING CLEARANCE .010 ", .254 mm. IMPELLER SKIRT CLEARANCE .015 ", .381 mm.
 MAXIMUM NUMBER OF STAGES 40 (std. construction).
 MAXIMUM HEAD 992 ft., 302.4 m (std. construction). MAXIMUM SPHERE SIZE .218 ", 5.54 mm.
 PROJECTIONS ABOVE COLUMN PIPE BUTT: **TUBE** 8", 203.3 mm; **SHAFT** 16", 406.4 mm. FOR ENCLOSED
 LINESHAFT 12 ", 304.8 mm. FOR OPEN LINESHAFT.

WEIGHT: SINGLE STAGE 35 lbs., 15.88 Kgs. ADDITIONAL STAGE 7 lbs., 3.18 Kgs.

* REFER TO FACTORY



WATER LUBE ONLY

STANDARD DIMENSIONS

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	W	X	Y
	9¼	—	3 ¹⁹ / ₃₂	3 ⁵ / ₈	2 ⁷ / ₈	—	—	4 ¹ / ₁₆	6	—	9 ³ / ₄	2½	5/8	—	6 ¹¹ / ₁₆	—	—	6	—
MM.	235.0	—	91.2	92.0	73.2	—	—	103.1	152.4	—	247.7	63.5	15.8	—	170.0	—	—	152.4	—