



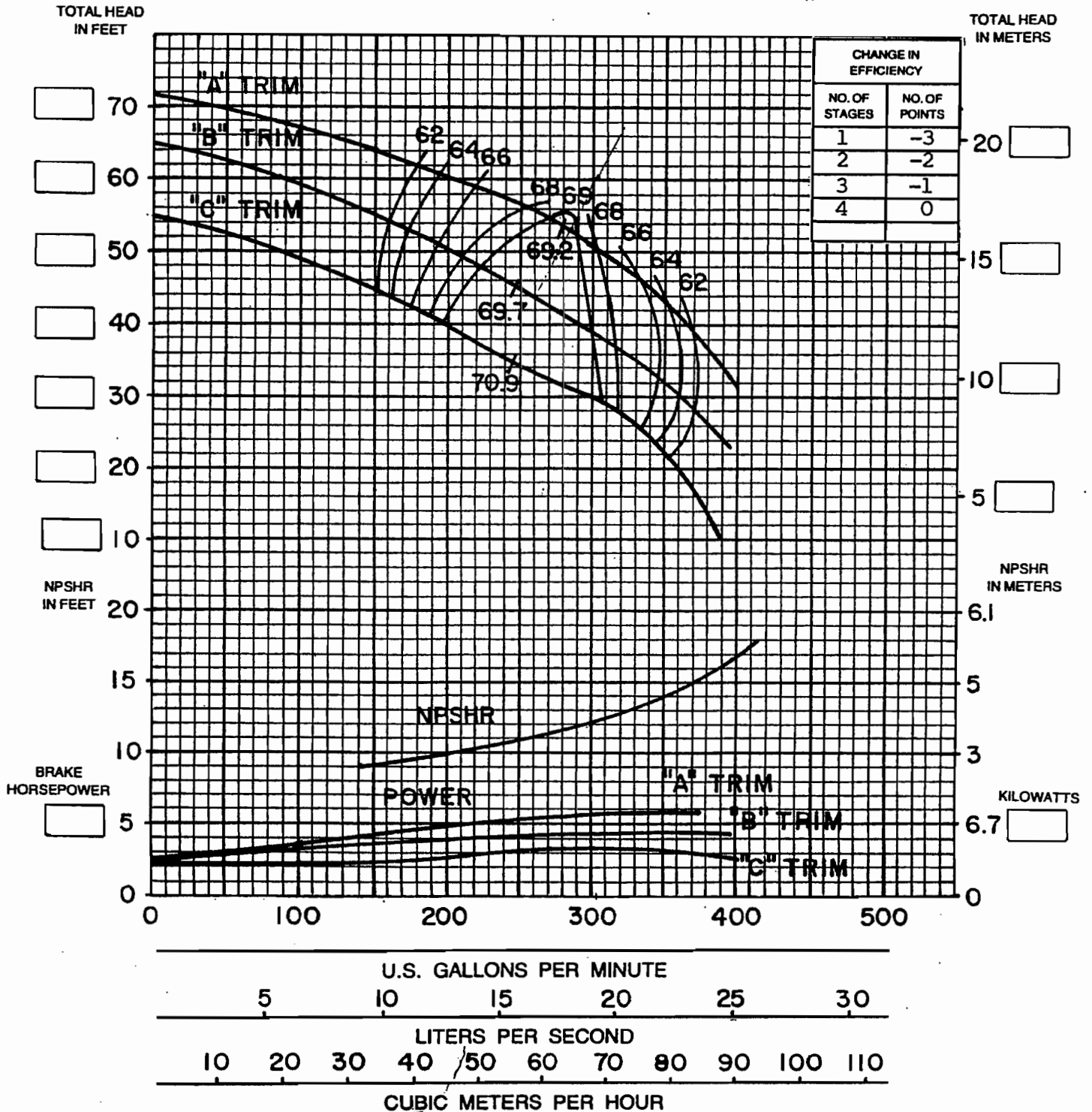
**3500 RPM
SINGLE STAGE PERFORMANCE**

MODEL 6CCL

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.: _____

IMPELLER DATA

6 CCL
3500

IMPELLER NO. 406-3-3008 . TYPE Enclosed . DIAMETER: A 4.62 ", 117.5 mm,
4.31 ", 109.5 mm C 4.03 ", 102.4 mm.

EFFECTIVE EYE AREA 5.67 sq. inches, 365.8 sq. mm. NUMBER OF VANES 8 .

THRUST CONSTANT K 1.5 lbs. / ft. 21.9 N / m of head. WEIGHT 2.38 lbs., 1.08 Kg.

WR² .189 lbs. / ft²., .920 Kg / m².

EYE FLUID VELOCITY CK .057 ft. / sec. / GPM, .273 m / sec. / LPS.

PERIPHERAL VELOCITY 15.72 ft. / sec. / inch, .189 m / sec. / mm of impeller dia. Ns 2910

BOWL DATA

BOWL NO. 406-3-2004 . CONNECTION TYPE Threaded . NOMINAL DIAMETER (E) 5½", 139.7 mm.

MINIMUM DIAMETER (E) 5⅞", 138.1 mm.

COLUMN PIPE SIZE 4 ", 101.6 mm, STANDARD, 4 ", 101.6 mm, MAXIMUM

SUCTION PIPE SIZE 4 ", 101.6 mm, STANDARD, 4 ", 101.6 mm, MAXIMUM.

PUMP SHAFT DIAMETER 1.0 ", 25.4 mm, STANDARD 1¼", 31.8 mm MAXIMUM.

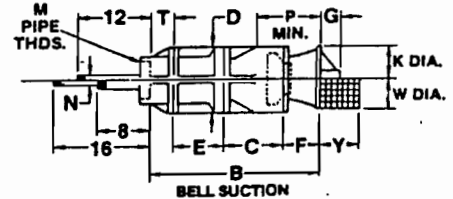
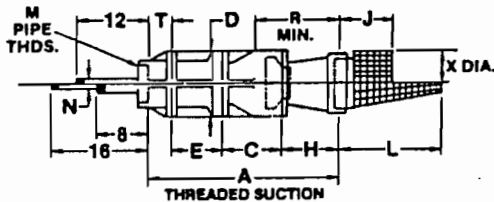
LATERAL 1⅝", 11.9 mm, STANDARD, ", mm MAXIMUM.

SHAFT BEARING CLEARANCE .010 ", .254 mm. IMPELLER SKIRT CLEARANCE .015 ", .381 mm.

MAXIMUM NUMBER OF STAGES 20 (std. construction).

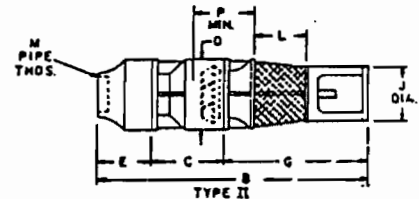
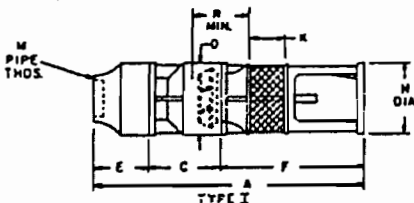
MAXIMUM HEAD 1155 ft., 352. m (std. construction). MAXIMUM SPHERE SIZE ⅝", 15.9 mm.

PROJECTIONS ABOVE COLUMN PIPE BUTT: **TUBE** 8", 203.2 mm; **SHAFT** 16", 406.4 mm. FOR ENCLOSED LINESHAFT. 12", 304.8 mm. FOR OPEN LINESHAFT.



STANDARD DIMENSIONS

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	W	X	Y
IN.	17 ⁹ / ₁₆	15 ⁵ / ₁₆	5 ⁹ / ₁₆	5½	6½	3	3¼	5½	7	5¼	12¾	4	1	12	14½	3½	6¼	8	5¼
MM.	446.1	382.6	141.3	141.3	165.1	76.2	82.6	139.7	177.8	146.1	323.9	101.6	25.4	304.8	368.3	88.9	158.8	203.2	133.4



STANDARD DIMENSIONS

	A*	B	C	D	E	F	G	H**	J	K	L	M	P	R
	17 ⁹ / ₁₆	19	4½	5 ⁹ / ₁₆	3½	9 ⁹ / ₁₆	11	5 ⁹ / ₁₆	3 ⁹ / ₁₆	3	3	3	9	9
MM.	454.2	482.6	114.3	150.8	88.9	250.9	279.4	136.7	95¼	76.2	76.2	76.2	228.6	228.6

* 8" MOTOR ADD 2.50 IN., 63.5 mm. LENGTH, ** O.D. 7.50 IN., 190.5 mm.

WEIGHT: SINGLE STAGE 69 lbs. 31.3 Kgs. ADDITIONAL STAGE 18 lbs., 8.2 Kgs.