



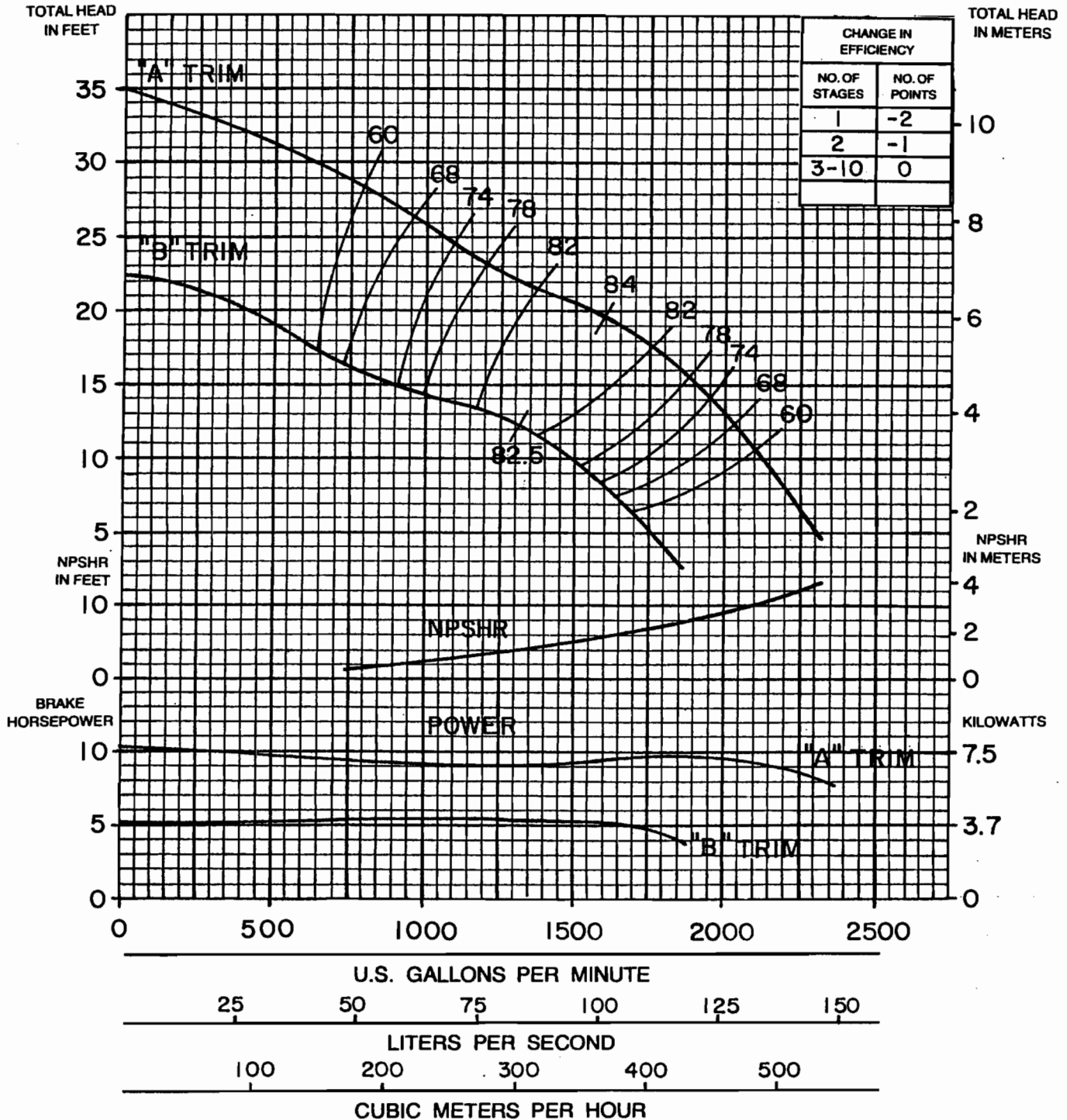
**870 RPM
SINGLE STAGE PERFORMANCE**

MODEL 15CCL

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.

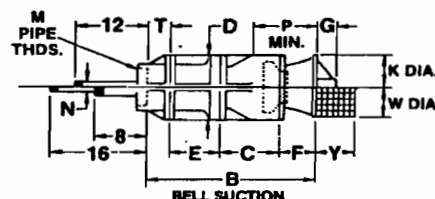
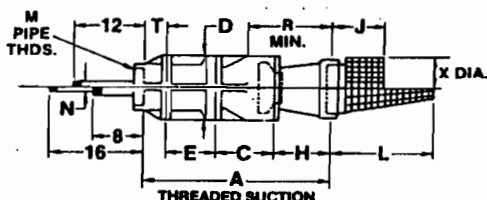
Customer: _____
Item No.: _____
Capacity: _____ TDH _____ Bowl HP _____ Bowl Efficiency _____

IMPELLER DATA

IMPELLER NO. 415-3-3016 . TYPE ENCLOSED . DIAMETER: A 11.59 ", 294.3 mm,
 B 10.21 ", 259.1 mm, C _____ ", _____ mm,
 EFFECTIVE EYE AREA 53.5 sq. inches, 34516 sq. mm. NUMBER OF VANES 5 .
 THRUST CONSTANT K 25.4 lbs. / ft. 370.8 N / m of head. WEIGHT 30 lbs., 13.6 Kg.
 WR^2 4.61 lbs. / ft²., 22.5 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 2342.6

BOWL DATA

BOWL NO. 415-3-3011 . CONNECTION TYPE BOLTED . NOMINAL DIAMETER (E) 14.75 ", 374.6 mm.
 MINIMUM DIAMETER (E) 14.75 ", 374.6 mm.
 COLUMN PIPE SIZE 12 ", 304.8 mm, STANDARD, * ", * mm, MAXIMUM
 SUCTION PIPE SIZE 10 ", 254.0 mm, STANDARD, 12 ", 304.8 mm, MAXIMUM.
 PUMP SHAFT DIAMETER 1.94 ", 49.2 mm, STANDARD 2.19 ", 55.6 mm MAXIMUM.
 LATERAL 1.12 ", 28.6 mm, STANDARD, * ", * mm MAXIMUM.
 SHAFT BEARING CLEARANCE .010 ", .254 mm. IMPELLER SKIRT CLEARANCE .015 ", .381 mm.
 MAXIMUM NUMBER OF STAGES 10 (std. construction).
 MAXIMUM HEAD 646 ft., 196.9 m (std. construction). MAXIMUM SPHERE SIZE 1.50 ", 38.1 mm.
 PROJECTIONS ABOVE COLUMN PIPE BUTT: **TUBE** 8",203.2mm; **SHAFT** 16",406.4mm. FOR ENCLOSED
 LINESHAFT. 12",304.8mm. FOR OPEN LINESHAFT.
 *
 WEIGHT: SINGLE STAGE 613 lbs., 278.3 Kgs. ADDITIONAL STAGE 189 lbs., 85.8 Kgs.



STANDARD DIMENSIONS

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	W	X	Y
IN.	34 ¹ / ₈	32 ³ / ₈	15 ¹ / ₈	15 ³ / ₄	5 ³ / ₈	8 ¹ / ₈	4 ³ / ₄	9 ⁷ / ₈	16	14 ³ / ₄	31 ³ / ₈	12	1 ¹⁵ / ₁₆	8 ¹³ / ₁₆	14 ¹¹ / ₁₆	3 ⁵ / ₈	15 ⁵ / ₈	18	10
MM.	866.7	822.3	387.4	374.6	136.5	206.3	120.7	250.8	406.4	374.6	797.0	304.8	49.2	223.8	373.1	92.1	396.8	457.2	254.0