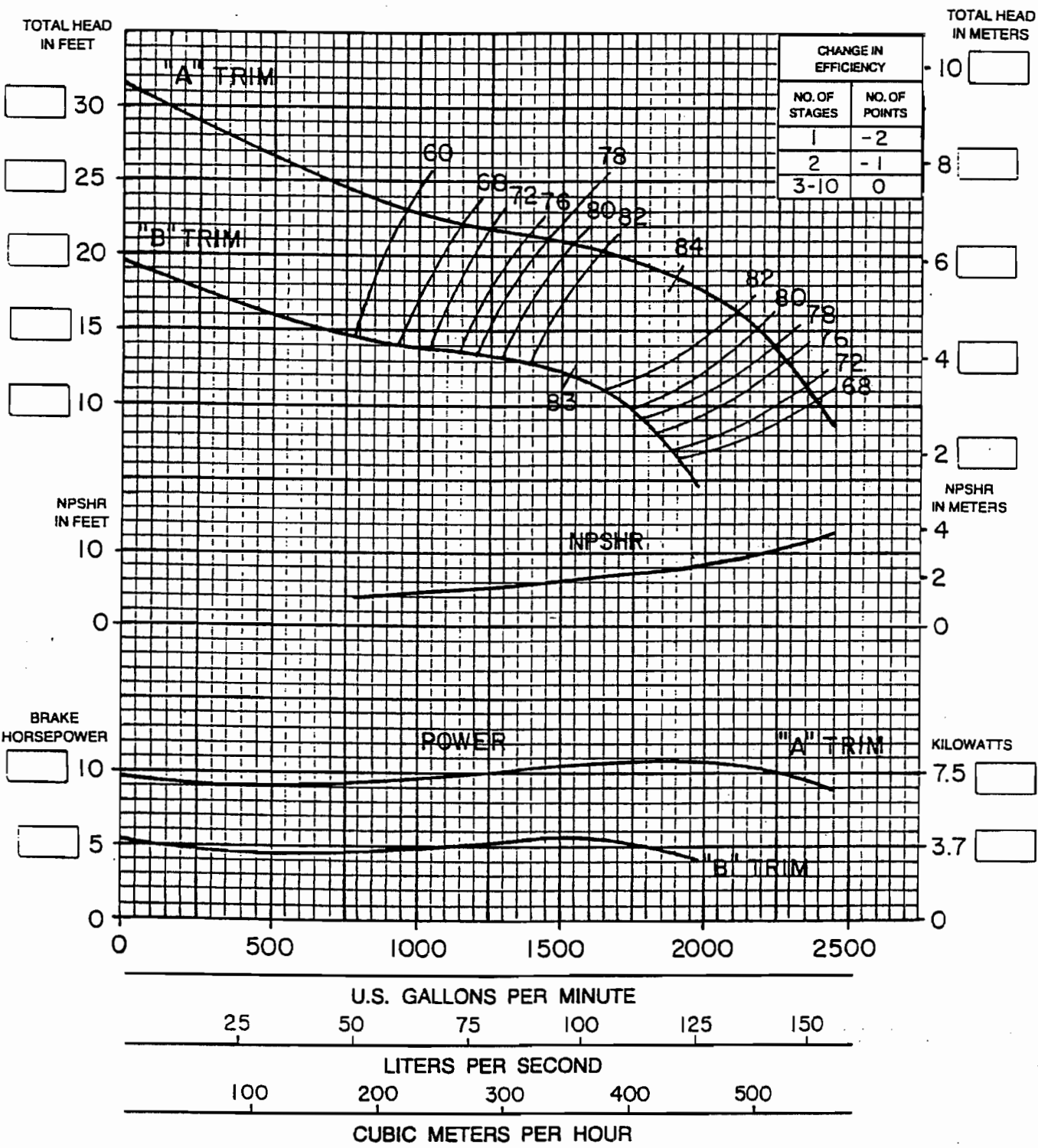


870 RPM
SINGLE STAGE PERFORMANCE

MODEL 15CCH
STANDARD CONSTRUCTION

STAGES REQUIRED

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 _____

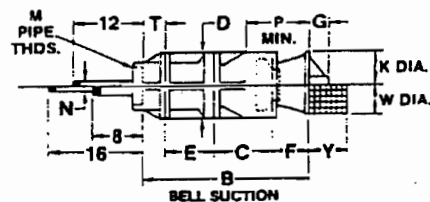
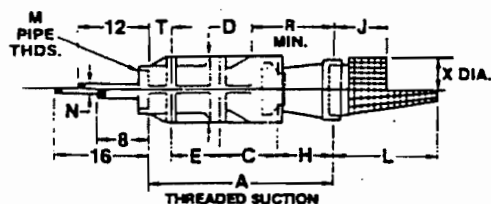
IMPELLER DATA

IMPELLER NO. 415-3-3021 . TYPE ENCLOSED . DIAMETER: A 11.59 ", 294.4 mm.
 B 10.21 ", 259.3 mm, C _____ ", _____ mm,
 EFFECTIVE EYE AREA 53.5 sq. inches, 34516 sq. mm. NUMBER OF VANES 6 .
 THRUST CONSTANT K 25.4 lbs. / ft. 370.8 N / m of head. WEIGHT 30.0 lbs., 13.6 Kg.
 WR² 4.65 lbs. / ft²., 22.7 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 2688.3

BOWL DATA

BOWL NO. 415-3-2011 . CONNECTION TYPE BOLTED . NOMINAL DIAMETER (E) 14.75 ", 374.7 mm.
 MINIMUM DIAMETER (E) 14.75 ", 374.7 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.
 * REFER TO FACTORY.

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
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	11 ⁵ / ₁₆	8 ¹³ / ₁₆	14 ¹¹ / ₁₆	3 ⁵ / ₈	15 ⁵ / ₈	18
MM.	866.7	822.3	387.4	374.6	136.5	206.3	120.7	250.8	406.8	374.6	797.0	304.8	49.2	223.8	373.1	92.1	396.8	457.2