



1770 RPM
SINGLE STAGE PERFORMANCE

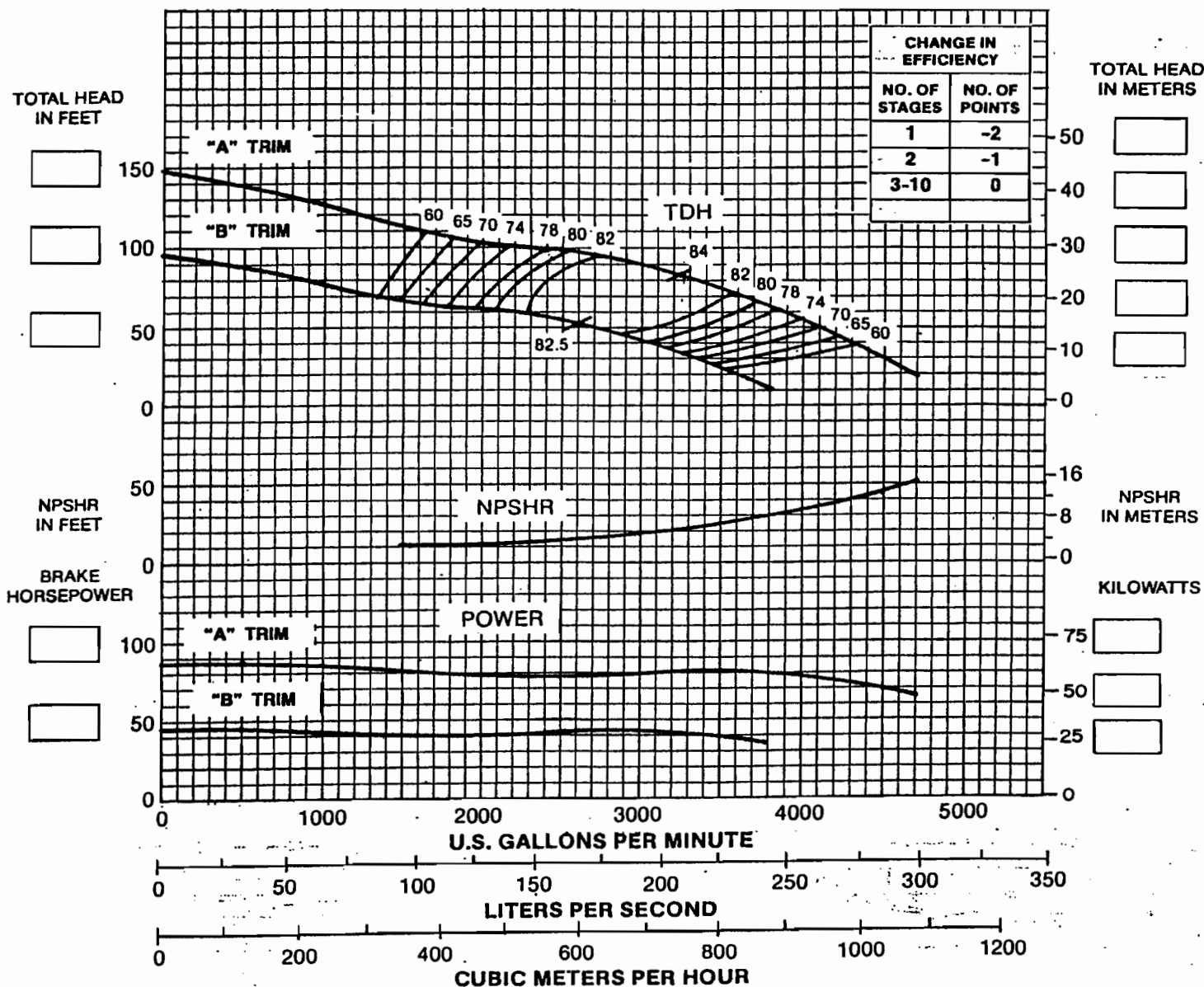
STAGES REQUIRED

STANDARD CONSTRUCTION

See reverse side for detailed information.

MODEL 15CCL

ENCLOSED IMPELLER



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 _____

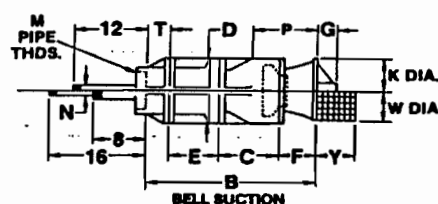
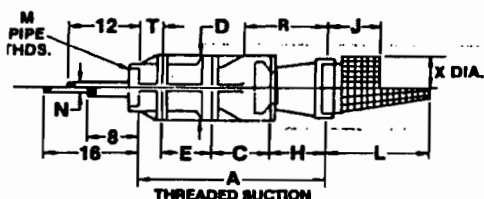
IMPELLER DATA

IMPELLER NO. 415-3-3016 . TYPE ENCLOSED . DIAMETER: A 11.59 ", 294.3 mm,
 B 10.2 ", 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. 370.84 N / m of head. WEIGHT 30 lbs., 13.69 Kg.
 WR² 4.61 lbs. / ft², 22.51 Kg / m².
 EYE FLUID VELOCITY CK .006 . ft. / sec. / GPM, .029 m / sec. / LPS.
 PERIPHERAL VELOCITY 7.72 ft. / sec. / inch, .093 m / sec. / mm of impeller dia. Ns 3714

BOWL DATA

BOWL NO. 415-3-3011. CONNECTION TYPE FLANGED. NOMINAL DIAMETER (E) 14.75 ", 374.6 mm.
 MINIMUM DIAMETER (E) 14.75 ", 374.6 mm.
 COLUMN PIPE SIZE 12 ", 304.8 mm, STANDARD, 5 ", _____ * mm, MAXIMUM
 SUCTION PIPE SIZE 10 ", 254 mm, STANDARD, 12 ", 304.8 mm, MAXIMUM.
 PUMP SHAFT DIAMETER 1.94 ", 49.2 mm, STANDARD 2.188 ", 55.6 mm MAXIMUM.
 INTERNAL 1.125 ", 28.6 mm, STANDARD, _____ ", _____ * mm MAXIMUM.
 SHAFT BEARING CLEARANCE .010 ", .254 mm. IMPELLER SKIRT CLEARANCE .015 ", .381 mm.
 MAXIMUM NUMBER OF STAGES _____ (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", 203.2 mm; **SHAFT** 16 ", 406.4 mm. FOR ENCLOSED
 LINESHAFT. 12", 304.8 mm. FOR OPEN LINESHAFT.

WEIGHT: SINGLE STAGE 613 lbs., 278.3 Kgs; ADDITIONAL STAGE 189 lbs., 85.8 Kgs.
 * REFER TO FACTORY



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	822.5	384.1	400.1	136.7	206.3	120.7	251.0	406.4	374.7	797.1	304.8	49.3	223.8	373.1	92.0	396.8	457.2	254.0