



1160 RPM
SINGLE STAGE PERFORMANCE

☐ STAGES REQUIRED

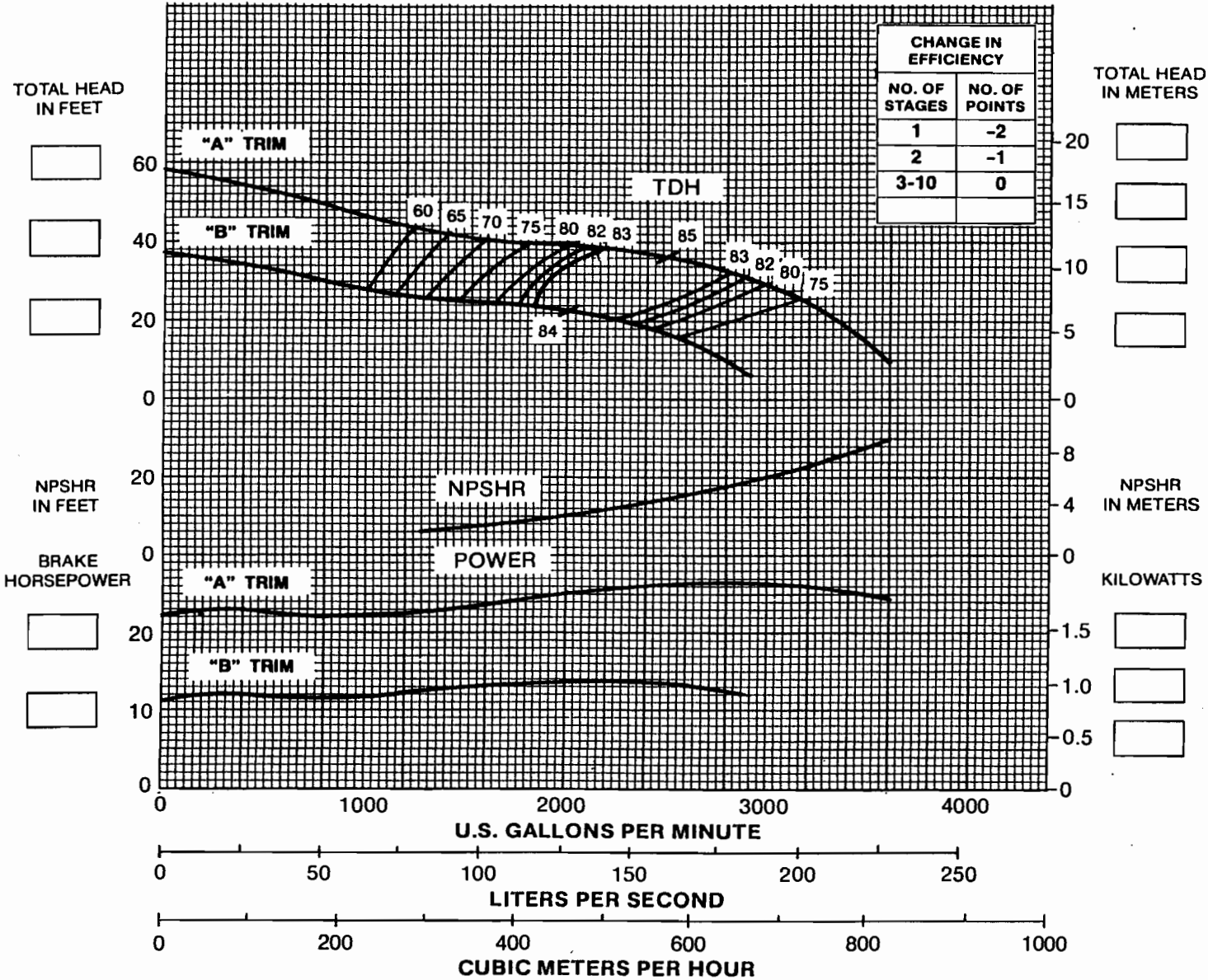
STANDARD CONSTRUCTION

See reverse side for detailed information.

MODEL 15CCH

ENCLOSED IMPELLER

STANDARD CONSTRUCTION



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

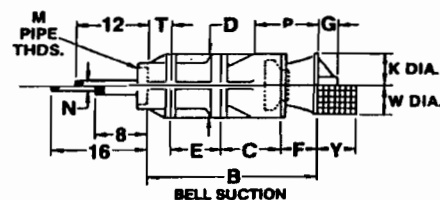
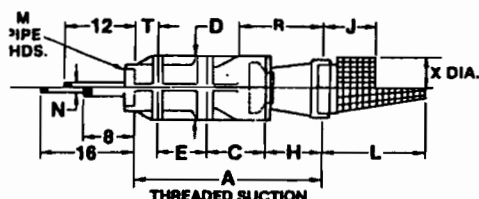
IMPELLER NO. 415-3-2011 . TYPE ENCLOSED . DIAMETER: A 11.59 ", 294.3 mm,
 B 10.20 ", 295.1 mm, C _____ ", _____ mm,
 EFFECTIVE EYE AREA 53.5 sq. inches, 34516 sq. mm. NUMBER OF VANES 6 .
 THRUST CONSTANT K 25.4 lbs. / ft. 370.84 N / m of head. WEIGHT 30 lbs., 13.64 Kg.
 WR^2 4.65 lbs. / ft²., 22.71 Kg / m².
 EYE FLUID VELOCITY CK 1006 ft. / sec. / GPM, .029 m / sec. / LPS.
 PERIPHERAL VELOCITY 5.07 ft. / sec. / inch, .061 m / sec. / mm of impeller dia. Ns 4024

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, _____ ", _____ 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.
 LATERAL 1.125", 28.6 mm, STANDARD, _____ ", _____ mm MAXIMUM.
 T 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", 203.2mm; **SHAFT** 16", 406.4 mm. FOR ENCLOSED
 LINESHAFT. 12", 254 mm. FOR OPEN LINESHAFT.

WEIGHT: SINGLE STAGE 613 lbs., 278.3 Kgs. ADDITIONAL STAGE 189 lbs., 85.8 Kgs.

*REFER TO FATORY



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