



1160 RPM
SINGLE STAGE PERFORMANCE

☐ STAGES REQUIRED

STANDARD CONSTRUCTION

See reverse side for detailed information.

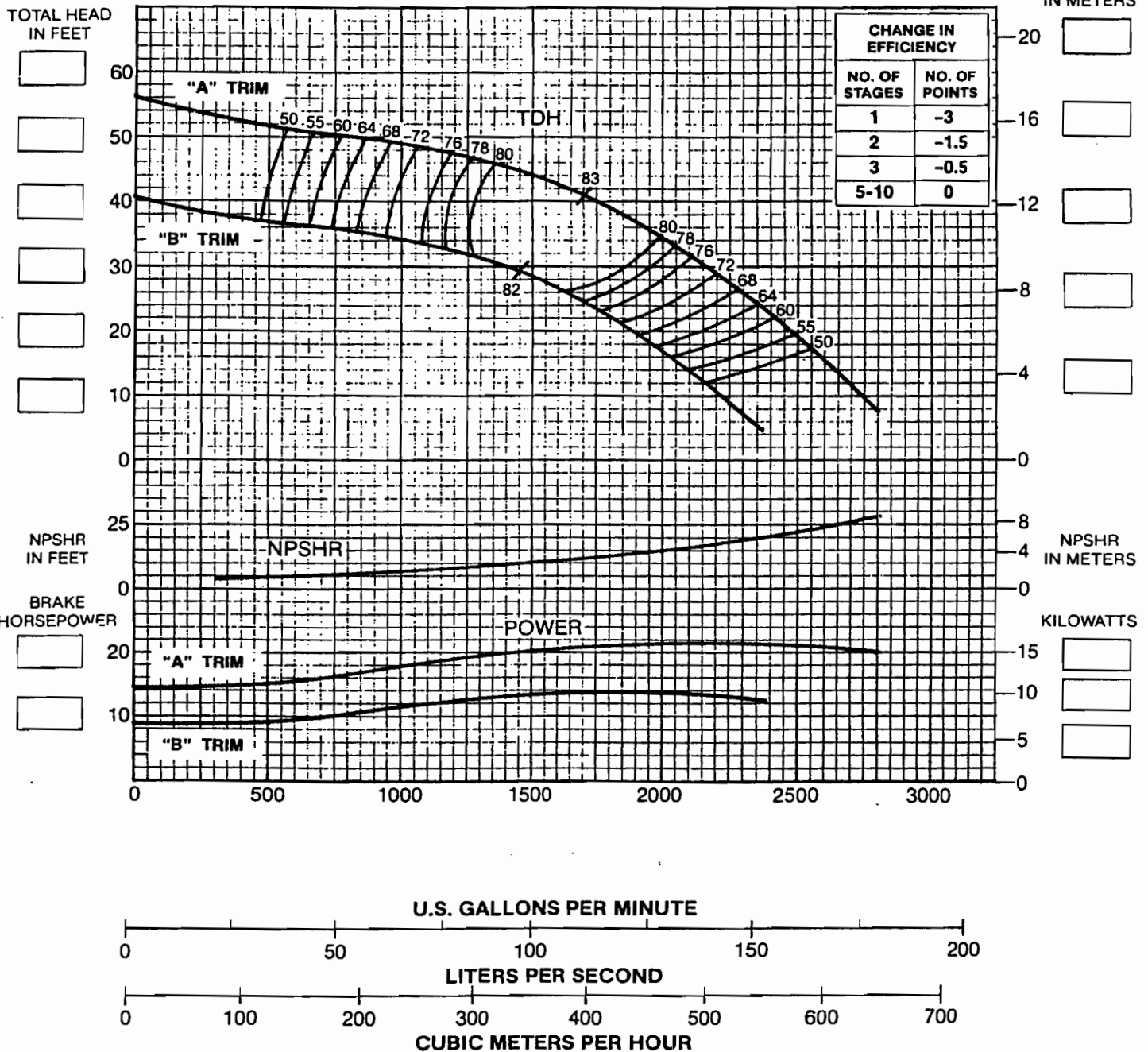
MODEL 15BCH

ENCLOSED IMPELLER

STANDARD CONSTRUCTION

TOTAL HEAD
IN METERS

CHANGE IN EFFICIENCY	
NO. OF STAGES	NO. OF POINTS
1	-3
2	-1.5
3	-0.5
5-10	0



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 _____

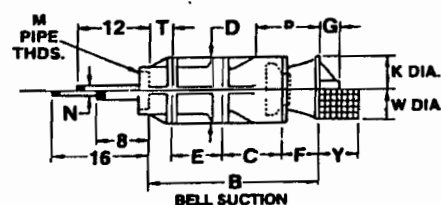
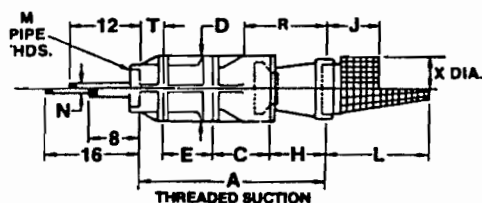
IMPELLER DATA

IMPELLER NO. 415-3-3011 . TYPE EMCLOSED . DIAMETER: A 11.50 ", 292.1 mm,
 B 10.38 ", 263.5 mm, C _____ ", _____ mm,
 EFFECTIVE EYE AREA 35.60 sq. inches, 22968 sq. mm. NUMBER OF VANES 6 .
 THRUST CONSTANT K 19.6 lbs. / ft. 286.16 N / m of head. WEIGHT 36 lbs., 16.36 Kg.
 WR² 4.86 lbs. / ft²., 23.73 Kg / m².
 EYE FLUID VELOCITY CK _____ ft. / sec. / GPM, _____ m / sec. / LPS.
 PERIPHERAL VELOCITY 5.06 ft. / sec. / inch, .061 m / sec. / mm of impeller dia. Ns 2336

BOWL DATA

BOWL NO. 415-3-2001 . CONNECTION TYPE FLANGED . NOMINAL DIAMETER (E) 14.375 ", 365.12 mm.
 MINIMUM DIAMETER (E) 14.375 ", 365.12 mm.
 COLUMN PIPE SIZE 10 ", 254 mm, STANDARD, 12 ", 304.8 mm, MAXIMUM
 SUCTION PIPE SIZE 10 ", 254 mm, STANDARD, 12 ", 304.8 mm, MAXIMUM.
 PUMP SHAFT DIAMETER 1.94 ", 49.2 mm, STANDARD * _____ ", _____ mm MAXIMUM.
 SHAFT BEARING CLEARANCE 0.125 ", 28.6 mm, STANDARD, _____ ", _____ mm MAXIMUM.
 SHAFT BEARING CLEARANCE 0.10 ", .254 mm. IMPELLER SKIRT CLEARANCE 0.015 ", 40.48 mm.
 MAXIMUM NUMBER OF STAGES 11 (std. construction).
 MAXIMUM HEAD 646 ft., 196.9 m (std. construction). MAXIMUM SPHERE SIZE 1.6 ", 40.48 mm.
 PROJECTIONS ABOVE COLUMN PIPE BUTT: **TUBE** 8 ", 203.2 mm; **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 FACTORY



STANDARD DIMENSIONS

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	W	X	Y
IN.	30 ³ / ₄	30 ⁷ / ₈	14 ¹ / ₄	14 ³ / ₈	5 ³ / ₈	7 ⁵ / ₈	4 ³ / ₄	7 ¹ / ₂	10	14 ¹ / ₈	31 ³ / ₈	10	1 ¹⁵ / ₁₆	7 ²³ / ₃₂	9 ⁵ / ₈	3 ⁵ / ₈	14 ⁵ / ₈	18	10
MM.	781.1	784.4	362.0	365.3	136.9	193.5	120.7	190.5	254.0	358.6	797.1	254.0	49.3	196.0	244.4	91.9	371.4	457.2	254.0