

1770 RPM

SINGLE STAGE PERFORMANCE

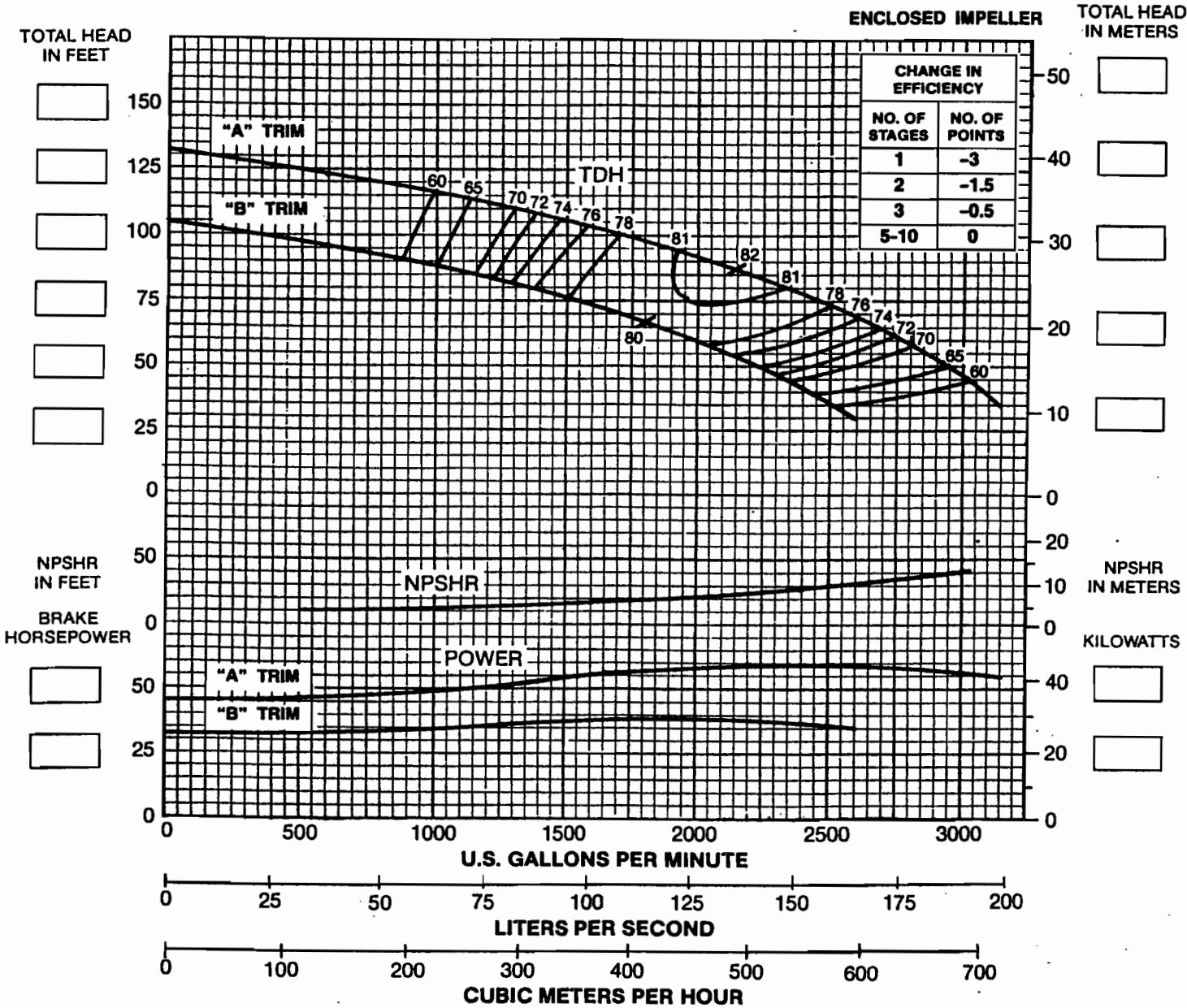
STAGES REQUIRED

STANDARD CONSTRUCTION

See reverse side for detailed information.

MODEL 15BCM

ENCLOSED IMPELLER



IMPELLER DATA

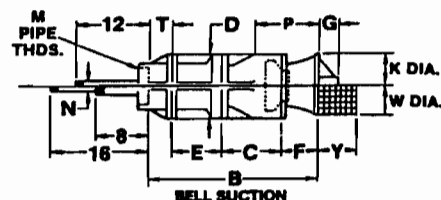
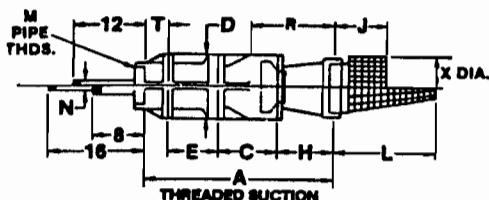
IMPELLER NO. 415-3-3006 . TYPE ENCLOSED . DIAMETER: A 11.5 ", 292.1 mm,
 B 10.38 ", 763.5 mm, C _____", _____ mm,
 EFFECTIVE EYE AREA 35.6 sq. inches, 22968 sq. mm. NUMBER OF VANES 5 .
 THRUST CONSTANT K 19.6 lbs. / ft. 286.2 N / m of head. WEIGHT 34.5 lbs., 15.7 Kg.
 WR^2 4.68 lbs. / ft²., 22.85 Kg / m².
 EYE FLUID VELOCITY CK .009 ft. / sec. / GPM, .043 m / sec. / LPS.
 PERIPHERAL VELOCITY 7.72 ft. / sec. / inch, .093 m / sec. / mm of impeller dia. Ns 2881

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.
 LATERAL 1.125 ", 28.6 mm, STANDARD, _____", _____ mm MAXIMUM.
 FT BEARING CLEARANCE 0.10 ", 0.254 mm. IMPELLER SKIRT CLEARANCE 0.015 ", 0.381 mm.
 MAXIMUM NUMBER OF STAGES 5 (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", 40.48 mm. FOR ENCLOSED
 LINESHAFT. 12 ", 304.8 mm. FOR OPEN LINESHAFT.

WEIGHT: SINGLE STAGE 618 lbs., 280.6 Kgs. ADDITIONAL STAGE 194 lbs., 88.07 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 / ₄	5 ³ / ₈	7 ⁵ / ₈	4 ³ / ₄	7 ¹ / ₂	10	14 ¹ / ₈	31 ³ / ₈	10	1 ⁵ / ₁₆	7 ²³ / ₃₂	9 ⁵ / ₈	3 ⁵ / ₈	14 ⁵ / ₈	18	10
MM.	781.1	784.4	362.0	374.7	136.7	193.6	120.7	190.5	254.0	358.7	797.1	254.0	49.3	195.8	244.4	92.0	371.4	457.2	254.0