

STAGES REQUIRED



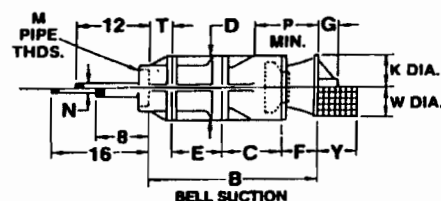
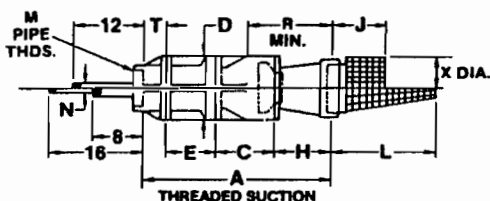
Capacity: _____ **TDH** _____ **Bowl HP** _____ **Bowl Efficiency** _____

IMPELLER DATA

IMPELLER NO. 415-3-3006 . TYPE ENCLOSED . DIAMETER: A 11.50 ", 292.1 mm,
 B 10.30 ", 263.5 mm, C _____ ", _____ mm,
 EFFECTIVE EYE AREA 35.6 sq. inches, 22968 sq. mm. NUMBER OF VANES _____ .
 THRUST CONSTANT K 19.6 lbs. / ft. 286.16 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 3.80 ft. / sec. / inch, 1.15 m / sec. / mm of impeller dia. Ns 1750.7

BOWL DATA

BOWL NO. 415-3-3001 . CONNECTION TYPE BOLTED . NOMINAL DIAMETER (E) 14.38 ", 365.12 mm.
 MINIMUM DIAMETER (E) 14.38 ", 365.12 mm.
 COLUMN PIPE SIZE 10 ", 254.0 mm, STANDARD, 12 ", 304.8 mm, MAXIMUM
 SUCTION PIPE SIZE 10 ", 254.0 mm, STANDARD, 12 ", 304.8 mm, MAXIMUM.
 PUMP SHAFT DIAMETER 1.94 ", 49.2 mm, STANDARD * ", * mm MAXIMUM.
 LATERAL 1.12 ", 28.6 mm, STANDARD, * ", * mm MAXIMUM.
 AFT 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 1.62 ", 40.48 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.
 * REFER TO FACTORY.
 WEIGHT: SINGLE STAGE 618 lbs., 280.6 Kgs. ADDITIONAL STAGE 194 lbs., 88.07 Kgs.



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 ⁵ / ₁₆	*	*	3 ⁵ / ₈	14 ⁵ / ₈	18	10
MM.	781.1	784.4	362.0	365.3	136.7	193.6	120.7	190.5	254.0	358.7	797.1	254.0	49.3			92.0	371.4	457.2	254.0