

See reverse side for detailed information.

TOTAL HEAD
IN METERS

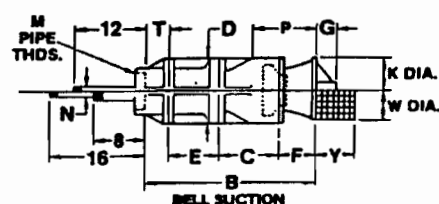
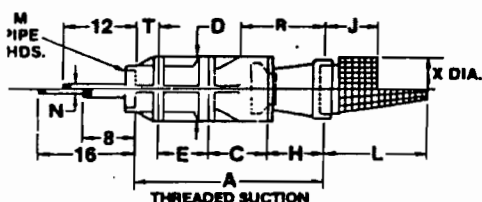
Capacity: _____ **TDH** _____ **Bowl HP** _____ **Bowl Efficiency** _____

IMPELLER DATA

IMPELLER NO. 412-3-3027 . TYPE ENCLOSED . DIAMETER: A 7.75 ", 196.9 mm,
 B _____ ", _____ mm, C _____ ", _____ mm,
 EFFECTIVE EYE AREA 30.04 sq. inches, 19380 sq. mm. NUMBER OF VANES 6 .
 THRUST CONSTANT K 13.0 lbs. / ft. 189.7 N / m of head. WEIGHT 13.625 lbs., 6.18 Kg.
 WR² 1.50 lbs. / ft²., 7.32 Kg / m².
 EYE FLUID VELOCITY CK .010 ft. / sec. / GPM, .048 m / sec. / LPS.
 PERIPHERAL VELOCITY 5.06 ft. / sec. / inch, .061 m / sec. / mm of impeller dia. Ns 2928

BOWL DATA

BOWL NO. 412-3-2025 . CONNECTION TYPE BOLTED . NOMINAL DIAMETER (E) 11.38 ", 289.1 mm.
 MINIMUM DIAMETER (E) 11.31 ", 287.3 mm.
 COLUMN PIPE SIZE 8 ", 203.2 mm, STANDARD, 10 ", 254.0 mm, MAXIMUM
 SUCTION PIPE SIZE 8 ", 203.2 mm, STANDARD, 10 ", 254.0 mm, MAXIMUM.
 PUMP SHAFT DIAMETER 1.94 ", 287.3 mm, STANDARD 2.19 ", 55.6 mm MAXIMUM.
 LATERAL .84 ", 21.3 mm, STANDARD, .84 ", 21.3 mm MAXIMUM.
 IMPELLER BEARING CLEARANCE .010 ", .254 mm. IMPELLER SKIRT CLEARANCE .015 ", .381 mm.
 MAXIMUM NUMBER OF STAGES 37 (std. construction).
 MAXIMUM HEAD 636 ft., 193.8 m (std. construction). MAXIMUM SPHERE SIZE 1.75 ", 44.5 mm.
 PROJECTIONS ABOVE COLUMN PIPE BUTT: **TUBE** 8",203.2 mm; **SHAFT** 16",406.4mm. FOR ENCLOSED
 LINESHAFT. 12",304.8 mm. FOR OPEN LINESHAFT.
 WEIGHT: SINGLE STAGE 290 lbs., 131.5 Kgs. ADDITIONAL STAGE 95 lbs., 43.1 Kgs.



STANDARD DIMENSIONS

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	W	X	Y
IN.	27 ³ / ₄	26 ³ / ₄	10 ¹ / ₂	11 ³ / ₈	4 ³ / ₁₆	5 ¹¹ / ₁₆	4 ³ / ₁₆	6 ¹¹ / ₁₆	8	12	29 ¹ / ₂	8	1 ⁵ / ₁₆	12	13	4 ³ / ₈	12	12	8
MM.	704.9	679.5	266.7	289.1	106.4	144.5	106.4	169.9	203.2	304.8	749.3	203.2	49.3	304.8	330.2	111.3	304.8	304.8	203.2