

STANDARD CONSTRUCTION
See reverse side for detailed information

STAGES REQUIRED



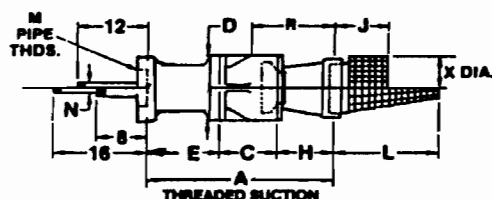
Capacity: _____ TDH _____ Bowl HP _____ Bowl Efficiency _____

IMPELLER DATA

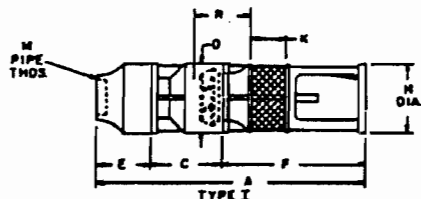
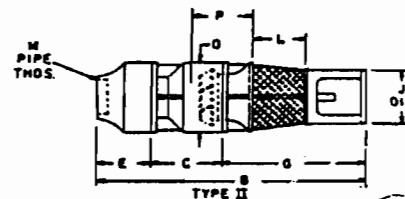
IMPELLER NO. 404-3-3022 . TYPE OPEN . DIAMETER: A 3.00 ", 76.2 mm,
 B _____ ", _____ mm,
 EFFECTIVE EYE AREA 1.97 sq. inches, 1271 sq. mm. NUMBER OF VANES 6 .
 THRUST CONSTANT K 1.32 lbs. / ft. .09 N / m of head. WEIGHT 1.25 lbs., .567 Kg.
 WR² * lbs. / ft²., * Kg / m².
 EYE FLUID VELOCITY CK * ft. / sec. / GPM, * m / sec. / LPS.
 PERIPHERAL VELOCITY 15.7 ft. / sec. / inch, .188 m / sec. / mm of impeller dia. Ns 712
 * REFER TO FACTORY.

BOWL DATA

BOWL NO. 404-3-2020 . CONNECTION TYPE THREADED . NOMINAL DIAMETER (E) 3.75 ", 95.3 mm.
 MINIMUM DIAMETER (E) 3.75 ", 95.3 mm.
 COLUMN PIPE SIZE 2 1/2 ", 63.5 mm, STANDARD, 2 1/2 ", 63.5 mm, MAXIMUM
 SUCTION PIPE SIZE 2 1/2 ", 63.5 mm, STANDARD, 2 1/2 ", 63.5 mm, MAXIMUM.
 PUMP SHAFT DIAMETER .75 ", 19.05 mm, STANDARD .75 ", 19.05 mm MAXIMUM.
 LATERAL .28 ", 7.11 mm, STANDARD, .28 ", 7.11 mm MAXIMUM.
 SHAFT BEARING CLEARANCE .010 ", .254 mm. IMPELLER SKIRT CLEARANCE .015 ", .381 mm.
 MAXIMUM NUMBER OF STAGES 40 (std. construction).
 MAXIMUM HEAD 960 ft., 292.6 m (std. construction). MAXIMUM SPHERE SIZE .218 ", 5.54 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.

**STANDARD DIMENSIONS**

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	W	X	Y
IN.	14	—	3	3 3/4	6	—	—	5	3	—	9 3/4	2 1/2	3/4	—	7 5/8	—	—	6	—
MM.	355.6	—	76.2	95.3	152.4	—	—	127.0	76.2	—	247.7	63.5	19.1	—	193.6	—	—	152.4	—

**STANDARD DIMENSIONS**

	A	B	C	D	E	F	G	H	J	K	L	M	P	F.
IN.	15 3/16	14 1/4	3	3 3/4	4 1/4	7 15/16	7	5 3/8	3 3/4	5 3/8	6 7/16	2 1/2	2 15/16	3 5/16
MM.	385.8	387.4	76.2	95.3	108.0	201.7	177.8	136.7	95.3	136.7	163.6	63.5	74.7	84.1

WEIGHT: SINGLE STAGE 33 lbs., 14.97 Kgs. ADDITIONAL STAGE 5 lbs., 2.27 Kgs.