



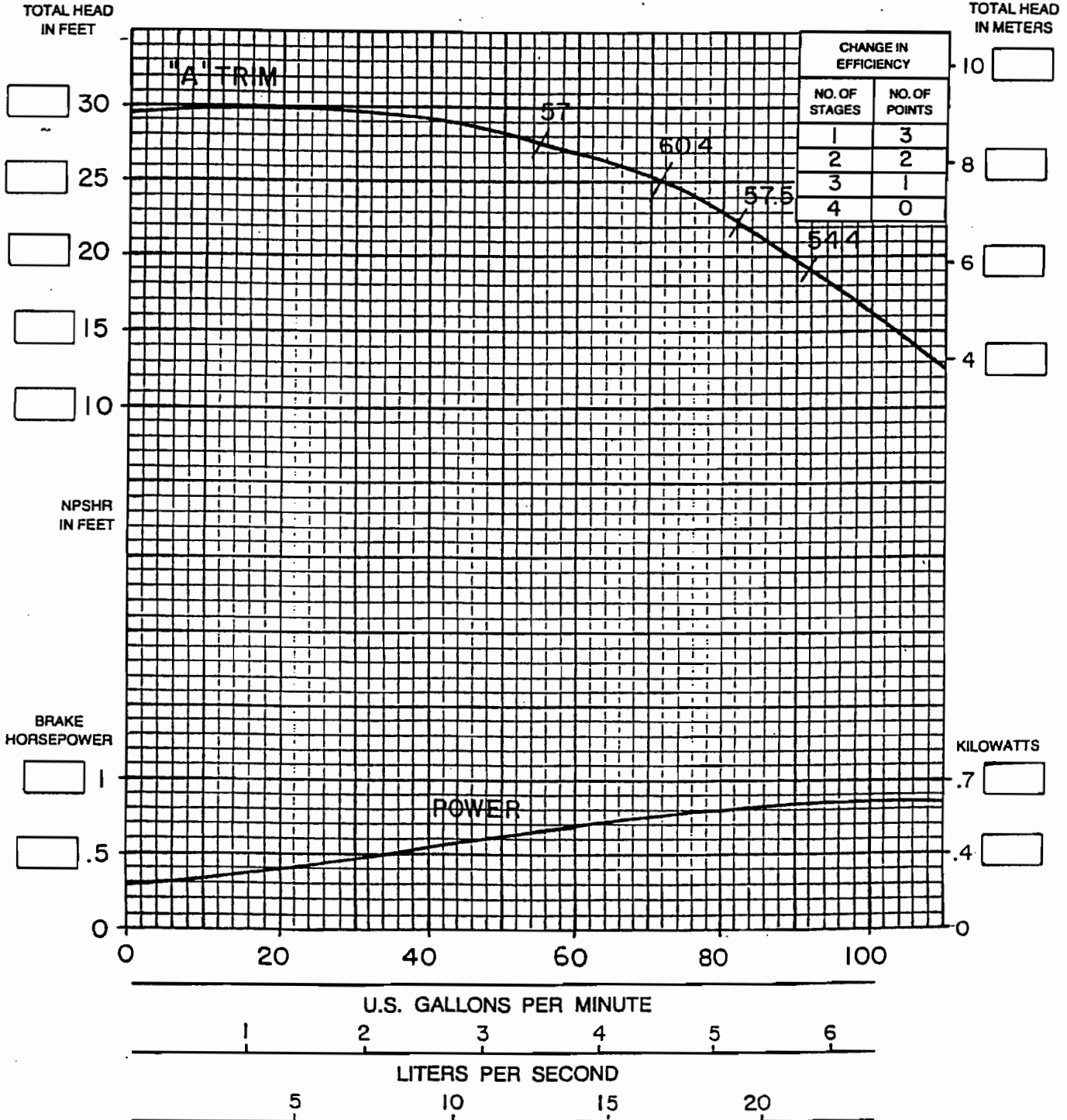
3500 RPM
SINGLE STAGE PERFORMANCE

MODEL 4BCH

STANDARD CONSTRUCTION

See reverse side for detailed information.

☐ STAGES REQUIRED



✱ REFER TO FACTORY.

CUBIC METERS PER HOUR

Pump hydraulic performance is based on handling cold clear, fresh nonaerated water, free of foreign materials.

Customer: _____

Item No.: _____

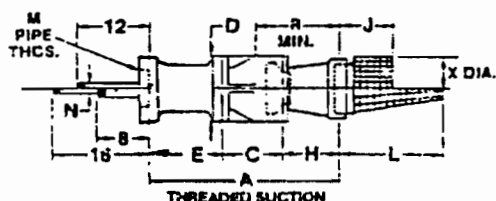
Capacity: _____ TDH _____ Bowl HP _____ Bowl Efficiency _____

IMPELLER DATA

IMPELLER NO. 404-3-3002 . TYPE ENCLOSED . DIAMETER: A 2.88 ", 73.0 mm,
 B _____ ", _____ mm,
 EFFECTIVE EYE AREA 1.94 sq. inches, 1250 sq. mm. NUMBER OF VANES 7 .
 THRUST CONSTANT K 0.9 lbs. / ft. 13.14 N / m of head. WEIGHT 0.5 lbs., 0.23 Kg
 WR² * lbs. / ft²., * Kg / m².
 EYE FLUID VELOCITY CK 0.179 ft. / sec. / GPM, 0.852 m / sec. / LPS.
 PERIPHERAL VELOCITY 15.27 ft. / sec. / inch, 4.65 m / sec. / mm of impeller dia. Ns 1564.1
 * REFER TO FACTORY.

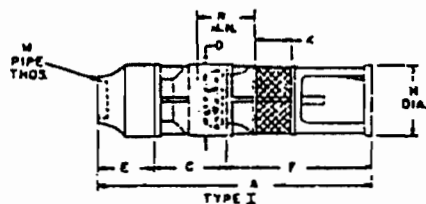
BOWL DATA

BOWL NO. 404-3-2020. CONNECTION TYPE THREADED. NOMINAL DIAMETER (E) 3.62 ", 92.0 mm
 MINIMUM DIAMETER (E) 3.62 ", 92.0 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 .62 ", 15.88 mm, STANDARD .62 ", 15.88 mm MAXIMUM.
 LATERAL 0.312 ", 7.94 mm, STANDARD, 0.312 ", 7.94 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 .28 ", 7.1 mm
 PROJECTIONS ABOVE COLUMN PIPE BUTT: **TUBE** 8",203.3mm; **SHAFT** 16",406.4mm. FOR ENCLOS
 LINESHAFT. 12",304.8mm. 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
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
MM.	385.8	367.4	76.2	95.3	108.0	201.7	177.8	136.7	95.3	136.7	163.6	63.5	74.7

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