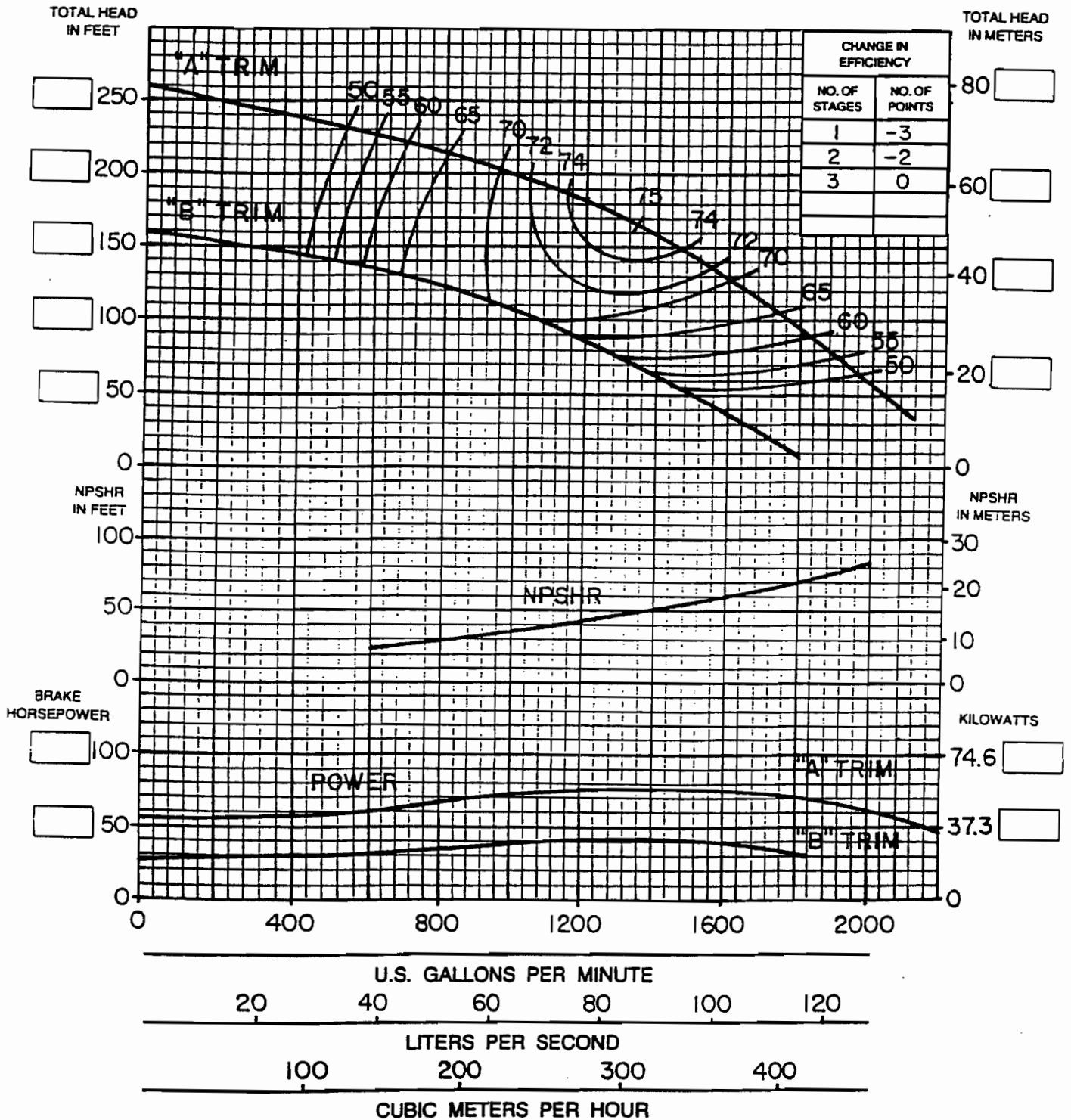




**3500 RPM
SINGLE STAGE PERFORMANCE**

MODEL 10ECH

☐ STAGES REQUIRED



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

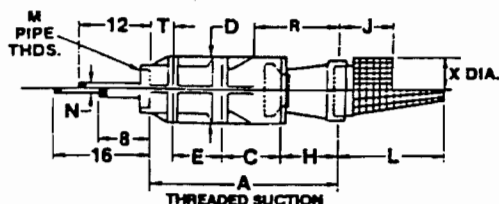
Customer: _____
Item No.: _____
Capacity: _____ TDH _____ Bowl HP _____ Bowl Efficiency _____

IMPELLER DATA

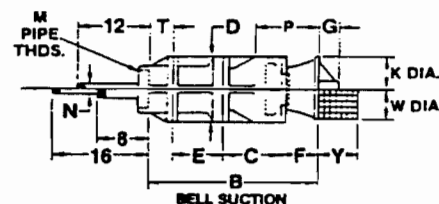
IMPELLER NO. 410-3-3002 . TYPE CLOSED . DIAMETER: A 7.00 ", 177.8 mm,
 B 6.00 ", 152.4 mm,
 EFFECTIVE EYE AREA 15.90 sq. inches, 10258 sq. mm. NUMBER OF VANES 7 .
 THRUST CONSTANT K 8.3 lbs. / ft. 121.2 N / m of head. WEIGHT 9.5 lbs., 4.31 Kg.
 WR^2 * lbs. / ft²., * Kg / m².
 EYE FLUID VELOCITY CK .020 ft. / sec. / GPM, .097 m / sec. / LPS.
 PERIPHERAL VELOCITY 15.72 ft. / sec. / inch., .189 m / sec. / mm of impeller dia. Ns 2841

BOWL DATA

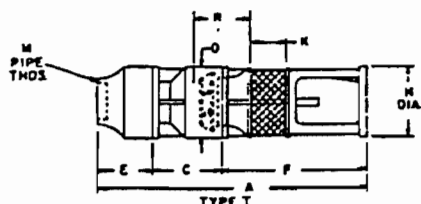
BOWL NO. 410-3-4008 CONNECTION TYPE FLANGED . NOMINAL DIAMETER (E) 9.62", 244.4 mm.
 MINIMUM DIAMETER (E) 9.62 ", 244.4 mm.
 COLUMN PIPE SIZE 8 ", 203.2 mm, STANDARD, 8 ", 203.2 mm, MAXIMUM
 SUCTION PIPE SIZE 6 ", 152.4 mm, STANDARD, 8 ", 203.2 mm, MAXIMUM.
 PUMP SHAFT DIAMETER 1.50 ", 38.1 mm, STANDARD 1.50 ", 38.1 mm MAXIMUM.
 LATERAL 0.69 ", 17.5 mm, STANDARD, 0.69 ", 17.5 mm MAXIMUM.
 SHAFT BEARING CLEARANCE .010", .254 mm. IMPELLER SKIRT CLEARANCE .015 ", .381 mm.
 MAXIMUM NUMBER OF STAGES 4 (std. construction).
 MAXIMUM HEAD 660 ft., 201.2 m (std. construction). MAXIMUM SPHERE SIZE .65 ", 16.7 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.	25 1/2	21 5/8	8 1/2	9 5/8	4 1/2	4 5/8	4 1/2	8 1/2	11	9 5/8	23 5/8	8	1 1/2	7 1/8	8 3/8	4	10 1/8	12	6
MM.	647.7	549.2	215.9	244.4	114.3	117.4	114.3	215.9	279.4	244.4	599.9	203.2	38.1	180.9	212.9	101.6	257.1	304.8	152.4



STANDARD DIMENSIONS

	A	B	C	D	E	F	G	H	J	K	L	M	P
IN.	26 3/4	—	8 1/2	9 5/8	4	13 3/4	—	7 1/2	—	11 1/8	—	8	—
MM.	679.5	—	215.9	244.4	101.6	349.3	—	190.5	—	282.5	—	203.2	—

WEIGHT: SINGLE STAGE 265 lbs., 120.2 Kgs. ADDITIONAL STAGE 76 lbs., 34.5 Kgs.
 *REFER TO FACTORY