

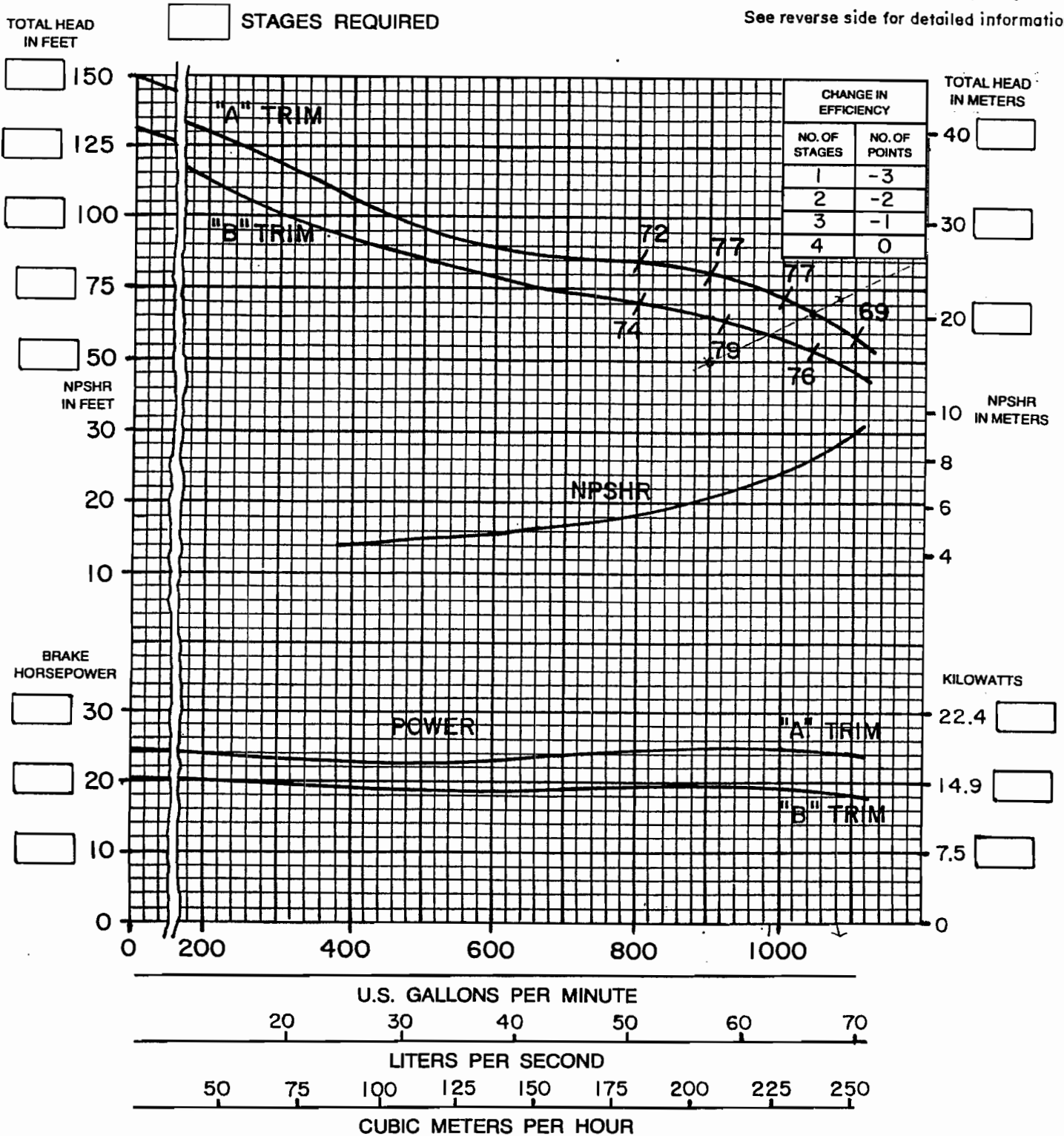


**3500 RPM
SINGLE STAGE PERFORMANCE**

MODEL 8CCH

STANDARD CONSTRUCTION

See reverse side for detailed information.



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 _____

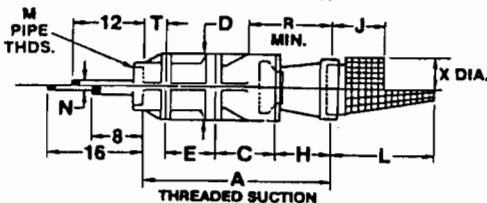
IMPELLER DATA

8CCH
3500

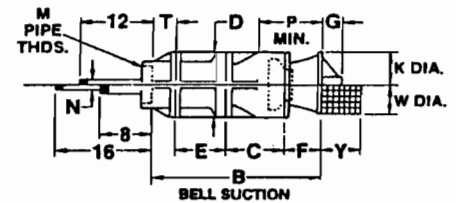
IMPELLER NO. 408-3-3025 . TYPE ENCLOSED . DIAMETER: A 6.19 ", 157.2 mm,
B 5.88 ", 149.3 mm,
EFFECTIVE EYE AREA 17.39 sq. inches, 11219.3 sq. mm. NUMBER OF VANES 6 .
THRUST CONSTANT K 7.52 lbs. / ft. 10.2 N / m of head. WEIGHT 5 lbs., 2.3 Kg.
WR² .599 lbs. / ft²., 2.92 Kg / m².
EYE FLUID VELOCITY CK .018 ft. / sec. / GPM, .005 m / sec. / LPS.
PERIPHERAL VELOCITY 15.27 ft. / sec. / inch, 4.65 m / sec. / mm of impeller dia. Ns 2021.5

BOWL DATA

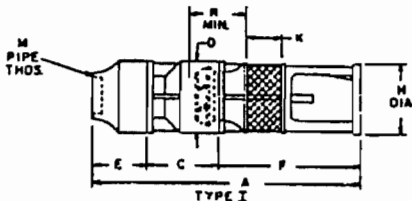
BOWL NO. 408-3-2023 . CONNECTION TYPE BOLTED . NOMINAL DIAMETER (E) 7.50 ", 190.5 mm.
MINIMUM DIAMETER (E) 7.50 ", 190.5 mm.
COLUMN PIPE SIZE 6 ", 150 mm, STANDARD, 6 ", 150 mm, MAXIMUM
SUCTION PIPE SIZE 6 ", 150 mm, STANDARD, 6 ", 150 mm, MAXIMUM.
PUMP SHAFT DIAMETER 1.19 ", 30.2 mm, STANDARD 1.44 ", 36.6 mm MAXIMUM.
LATERAL .28 ", 7.11 mm, STANDARD, * ", * mm MAXIMUM.
SHAFT BEARING CLEARANCE .010 ", .254 mm. IMPELLER SKIRT CLEARANCE .015 ", .381 mm.
MAXIMUM NUMBER OF STAGES 6 (std. construction).
MAXIMUM HEAD 832 ft., 253.6 m (std. construction). MAXIMUM SPHERE SIZE .69 ", 17.5 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.



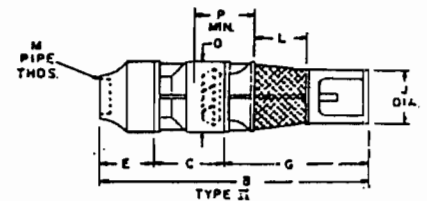
STANDARD DIMENSIONS



	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	W	X	Y
IN.	25 1/4	20 1/8	7 1/2	7 1/2	8 3/4	3 7/8	3 1/4	9	9	7 3/4	16 1/4	6	1 3/16	11 5/8	12 3/4	-	8 1/4	10	5
MM.	641.4	511.1	190.5	190.5	222.3	98.6	82.6	228.6	228.6	196.9	412.8	152.4	30.2	295.2	323.9	-	209.6	254.0	127.0



STANDARD DIMENSIONS



	A	B	C	D	E	F	G	H	J	K	L	M	P	R
IN.	30 1/4	26 3/4	7 1/2	7 1/2	8 3/4	14	10 1/2	9	5 3/8	12	6 1/4	6	11 5/8	12 3/4
MM.	768.4	679.5	190.5	190.5	222.3	355.6	266.7	228.6	136.6	304.8	158.8	152.4	295.2	323.9

WEIGHT: SINGLE STAGE 140 lbs., 63.5 Kgs. ADDITIONAL STAGE 50 lbs., 22.7 Kgs.