



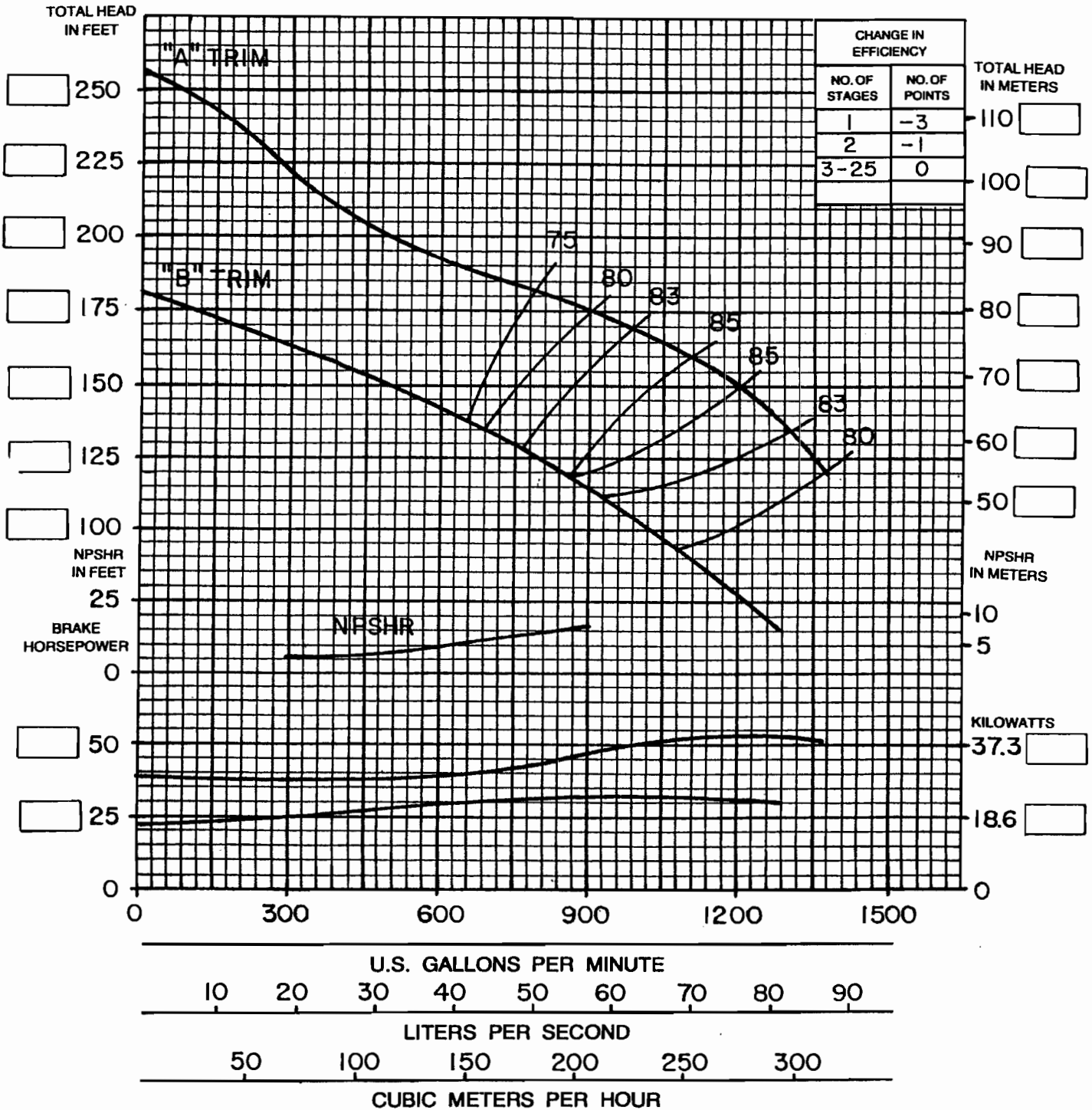
**3500 RPM
SINGLE STAGE PERFORMANCE**

MODEL IOECM

STANDARD CONSTRUCTION

See reverse side for detailed information

☐ STAGES REQUIRED



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

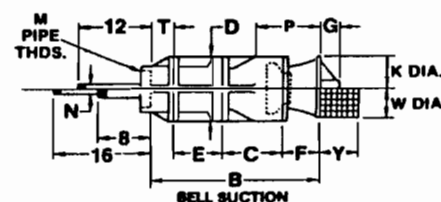
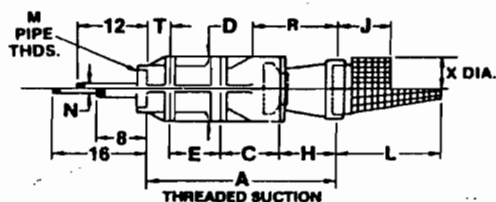
Customer: _____
Item No.: _____
Capacity: _____ TDH _____ Bowl HP _____ Bowl Efficiency _____

IMPELLER DATA

IMPELLER NO. 410-3-3003 . TYPE ENCLOSED . DIAMETER: A 7.719 ", 196.1 mm,
B 6.95 ", 176.53 mm, C _____ ", _____ mm,
EFFECTIVE EYE AREA 15.90 sq. inches, 10258 sq. mm. NUMBER OF VANES 6 .
THRUST CONSTANT K 8.3 lbs. / ft. 121.1 N / m of head. WEIGHT 10.5 lbs., 4.76 Kg
WR² .517 lbs. / ft²., 2.512 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 1076

BOWL DATA

BOWL NO. 410-3-2003 CONNECTION TYPE BOLTED . NOMINAL DIAMETER (E) 9.62", 244.5 mm
MINIMUM DIAMETER (E) 9.62 ", 244.5 mm.
COLUMN PIPE SIZE 6 ", 152 mm, STANDARD, 8 ", 203 mm, MAXIMUM
SUCTION PIPE SIZE 6 ", 152 mm, STANDARD, 8 ", 203 mm, MAXIMUM.
PUMP SHAFT DIAMETER 1.5 ", 38.1 mm, STANDARD 1.5 ", 38.1 mm MAXIMUM.
LATERAL .6875", 17.46 mm, STANDARD, .6875", 17.46 mm MAXIMUM.
SHAFT BEARING CLEARANCE .010", .254 mm. IMPELLER SKIRT CLEARANCE .015 ", .381 mm.
MAXIMUM NUMBER OF STAGES 16 (std. construction).
MAXIMUM HEAD 1060 ft., 323 m (std. construction). MAXIMUM SPHERE SIZE .88 ", 22.2 mm.
PROJECTIONS ABOVE COLUMN PIPE BUTT: **TUBE** 8", 203.2 mm; **SHAFT** 16", 406.4 mm. FOR ENCLOSED
LINESHAFT. 12", 304.8mm. FOR OPEN LINESHAFT.
WEIGHT: SINGLE STAGE 264 lbs., 119.7 Kgs. ADDITIONAL STAGE 75 lbs., 34 Kgs.



STANDARD DIMENSIONS

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	W	X	Y
IN.	23 ³ / ₄	21 ⁵ / ₈	8 ¹ / ₂	9 ⁵ / ₈	4 ¹ / ₂	4 ⁵ / ₈	4 ¹ / ₂	6 ³ / ₄	9	9 ⁵ / ₈	16 ¹ / ₄	6	1 ¹ / ₂	14 ¹ / ₂	16 ⁵ / ₈	4	10 ¹ / ₈	10	6
MM.	603.3	549.2	215.9	244.4	114.3	117.4	114.3	171.5	228.6	244.4	412.8	152.4	38.1	368.3	422.2	101.6	257.1	254.0	152.4