



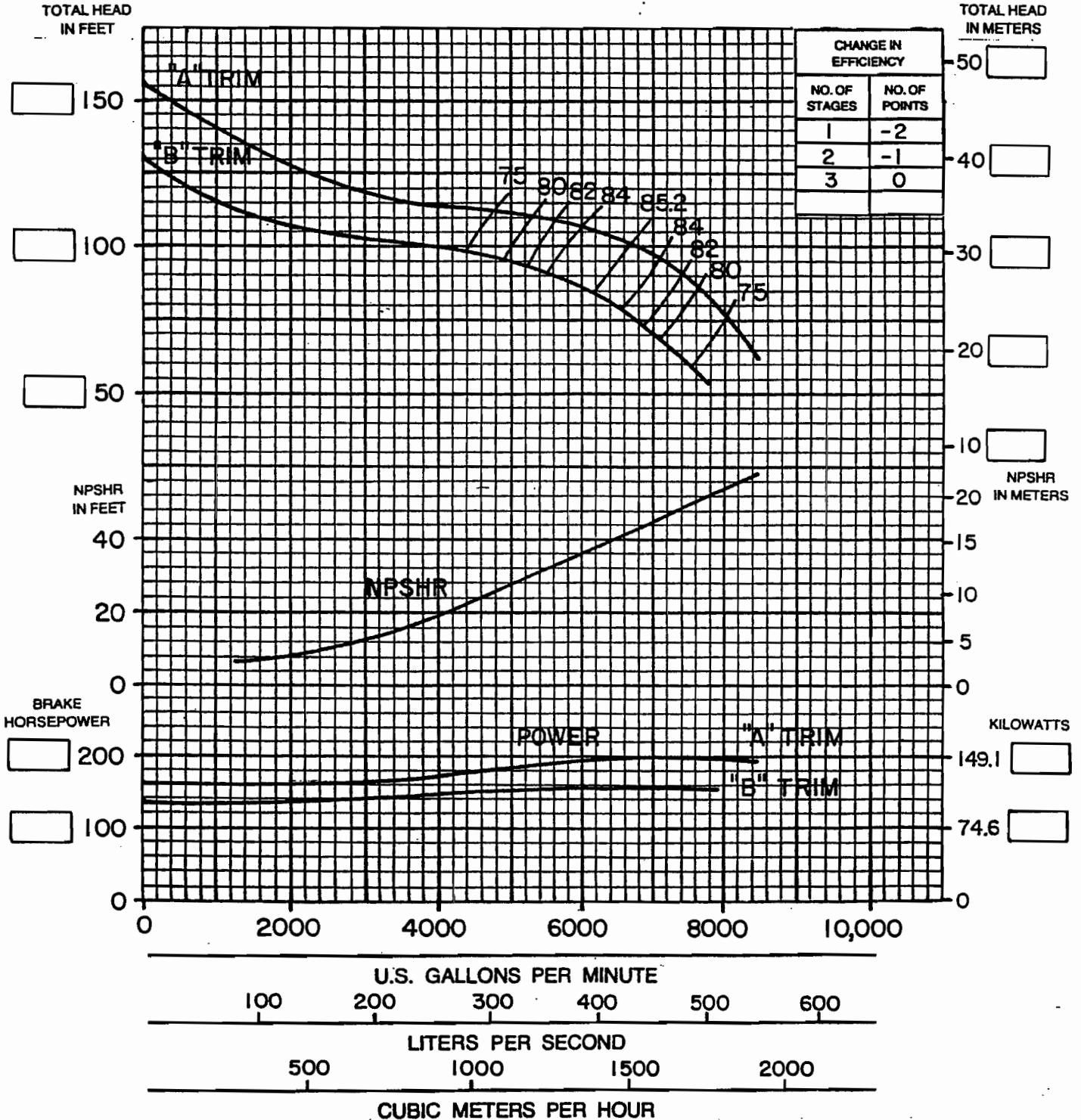
**1770 RPM
SINGLE STAGE PERFORMANCE**

MODEL 16CCH

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.: _____

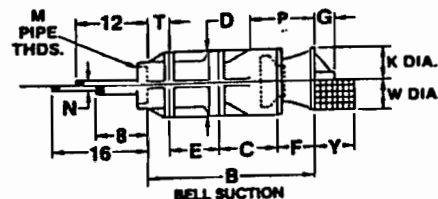
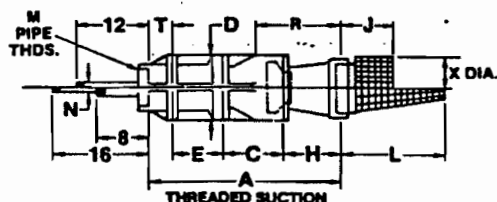
Capacity: _____ TDH _____ Bowl HP _____ Bowl Efficiency _____

IMPELLER DATA

IMPELLER NO. 416-3-3021 . TYPE ENCLOSED . DIAMETER: A 13.50 ", 342.9 mm.
 B 12.50 ", 317.5 mm, C ", mm,
 EFFECTIVE EYE AREA 74.78 sq. inches, 48245.1 sq. mm. NUMBER OF VANES 6 .
 THRUST CONSTANT K 32.7 lbs. / ft. 44.3 N / m. of head. WEIGHT 50 lbs., 22.7 Kg.
 WR² 19.86 lbs. / ft²., 96.92 Kg / m².
 EYE FLUID VELOCITY CK .004 ft. / sec. / GPM, .001 m / sec. / LPS.
 PERIPHERAL VELOCITY 7.72 ft. / sec. / inch, 2.35 m / sec. / mm of impeller dia. Ns 1931.7

BOWL DATA

BOWL NO. 416-3-2021 . CONNECTION TYPE BOLTED . NOMINAL DIAMETER (E) 15.38 ", 390.7 mm.
 MINIMUM DIAMETER (E) ✱ ", ✱ mm.
 COLUMN PIPE SIZE 10 ", 250 mm, STANDARD, 12 ", 300 mm, MAXIMUM
 SUCTION PIPE SIZE 12 ", 300 mm, STANDARD, ✱ ", ✱ mm, MAXIMUM.
 PUMP SHAFT DIAMETER 2.19 ", 55.6 mm, STANDARD ✱ ", ✱ mm MAXIMUM.
 LATERAL 1.44 ", 36.5 mm, STANDARD, ✱ ", ✱ mm MAXIMUM.
 SHAFT BEARING CLEARANCE .010 ", 2.54 mm. IMPELLER SKIRT CLEARANCE .015 ", .381 mm.
 MAXIMUM NUMBER OF STAGES 5 (std. construction).
 MAXIMUM HEAD 632 ft., 192.6 m (std. construction). MAXIMUM SPHERE SIZE 2.38 ", 60.5 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.
 WEIGHT: SINGLE STAGE 544 lbs., 246.8 Kgs. ADDITIONAL STAGE 201 lbs., 91.2 Kgs.



STANDARD DIMENSIONS

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	W	X
IN.	3 1/8	4 7/16	14	15 3/8	5 3/8	19 7/16	N/A	14	16	22	33 3/8	12	23 1/16	22 7/8	17 3/8	3 5/8	22 1/2	18
MM.	803.2	1078.0	355.6	390.6	136.6	493.8	N/A	355.6	406.4	558.8	847.8	304.8	55.6	581.2	441.5	92.0	571.5	457.2

⬢ F INCLUDES 12" BELL MOUTH PIECE PART NO. 401-3-4107.