

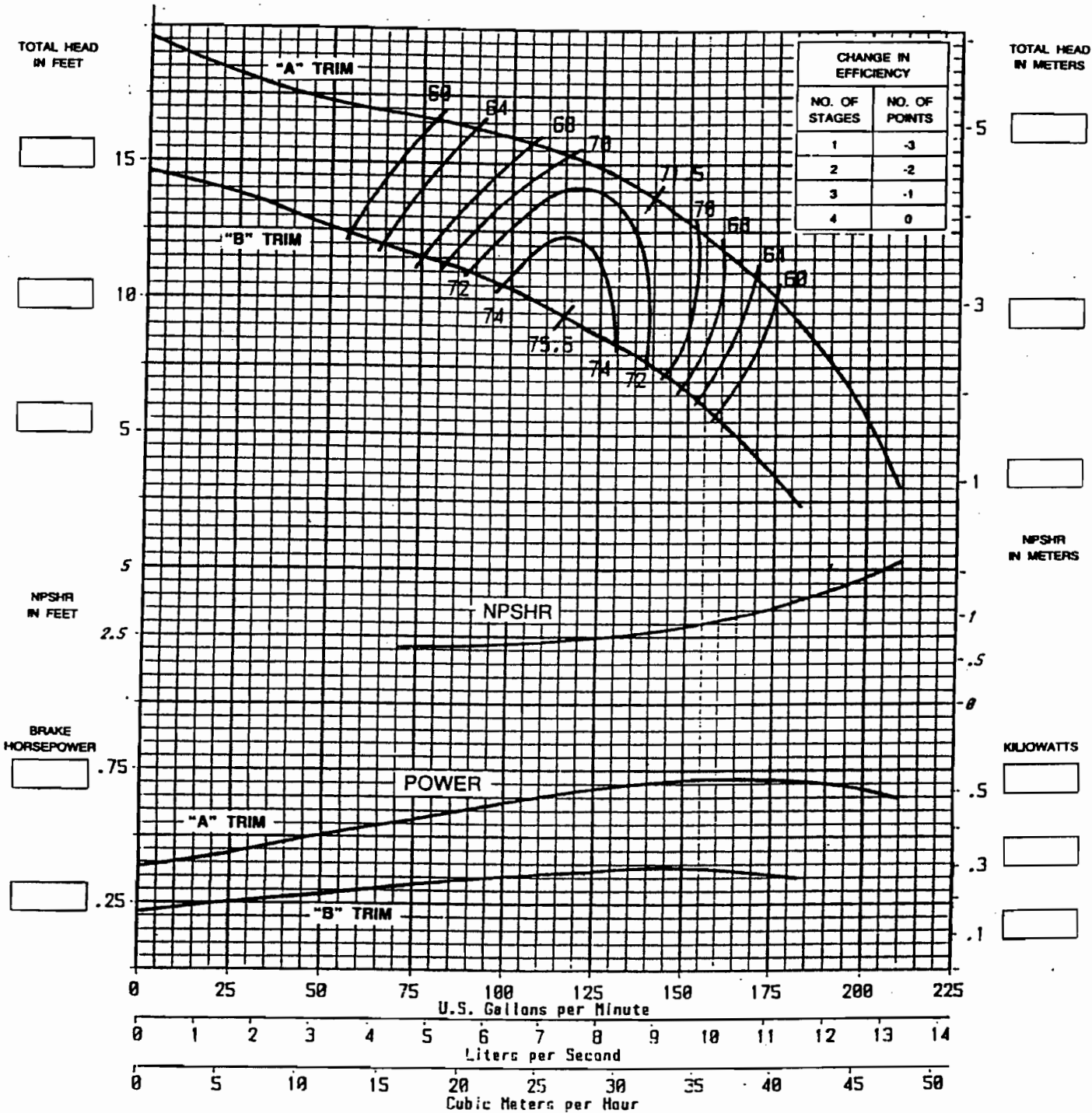


Section 5
Page 3.0
Curve No. 180607
Effective September 1984
Supersedes

1770 RPM
SINGLE STAGE PERFORMANCE

MODEL 6CCL
ENCLOSED IMPELLER
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: _____
Bom No.: _____
Capacity: _____ TDH _____ Bowl HP _____ Bowl Efficiency _____

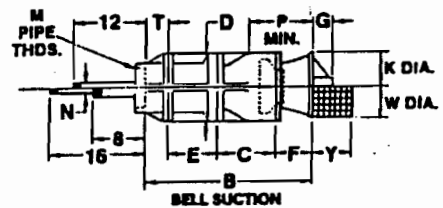
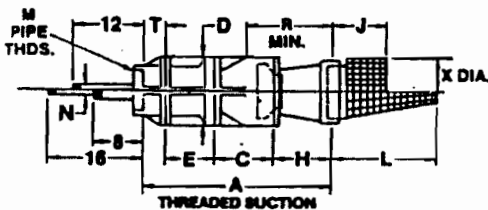
IMPELLER DATA

6 CCL
1770

IMPELLER NO. 406-3-3008 . TYPE Enclosed . DIAMETER: A 4.625 ", 117.5 mm,
B 4.03 ", 102.4 mm
EFFECTIVE EYE AREA 5.67 sq. inches, 3658 sq. mm. NUMBER OF VANES 8 .
THRUST CONSTANT K 1.5 lbs. / ft. 21.9 N / m of head. WEIGHT 2.38 lbs., 1.08 Kg.
WR² .060 lbs. / ft²., .293 Kg / m².
EYE FLUID VELOCITY CK .057 ft. / sec. / GPM, .273 m / sec. / LPS.
PERIPHERAL VELOCITY 7.73 ft. / sec. / inch, .093 m / sec. / mm of impeller dia. Ns 2910

BOWL DATA

BOWL NO. 406-3-2004 . CONNECTION TYPE Threaded . NOMINAL DIAMETER (E) 5 1/2 ", 139.7 mm.
MINIMUM DIAMETER (E) 5 7/16 ", 138.1 mm.
COLUMN PIPE SIZE 4 ", 101.6 mm, STANDARD, 4 ", 101.6 mm, MAXIMUM
SUCTION PIPE SIZE 4 ", 101.6 mm, STANDARD, 4 ", 101.6 mm, MAXIMUM.
PUMP SHAFT DIAMETER 1.0 ", 25.4 mm, STANDARD 1 1/4 ", 31.8 mm MAXIMUM.
LATERAL 1 5/32 ", 11.9 mm, STANDARD, _____", _____ mm MAXIMUM.
SHAFT BEARING CLEARANCE .010 ", .254 mm. IMPELLER SKIRT CLEARANCE .015 ", .381 mm.
MAXIMUM NUMBER OF STAGES 20 (std. construction).
MAXIMUM HEAD 1155 ft., 352 m (std. construction). MAXIMUM SPHERE SIZE 5/8 ", 15.9 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.	1 7/16	1 5/16	5 9/16	5 1/2	6 1/2	3	3 3/4	5 1/2	7	5 3/4	12 3/4	4	1	12	14 1/2	3 3/4	6 3/4	8	5 3/4
MM.	446.1	382.6	141.3	139.7	165.1	76.2	82.6	139.7	177.8	146.1	323.9	101.6	25.4	304.8	368.3	88.9	158.8	203.2	133.4

WEIGHT: SINGLE STAGE 58 LBS., 26.3 KGS. ADDITIONAL STAGE 17 1/2 LBS., 7.9 KGS.