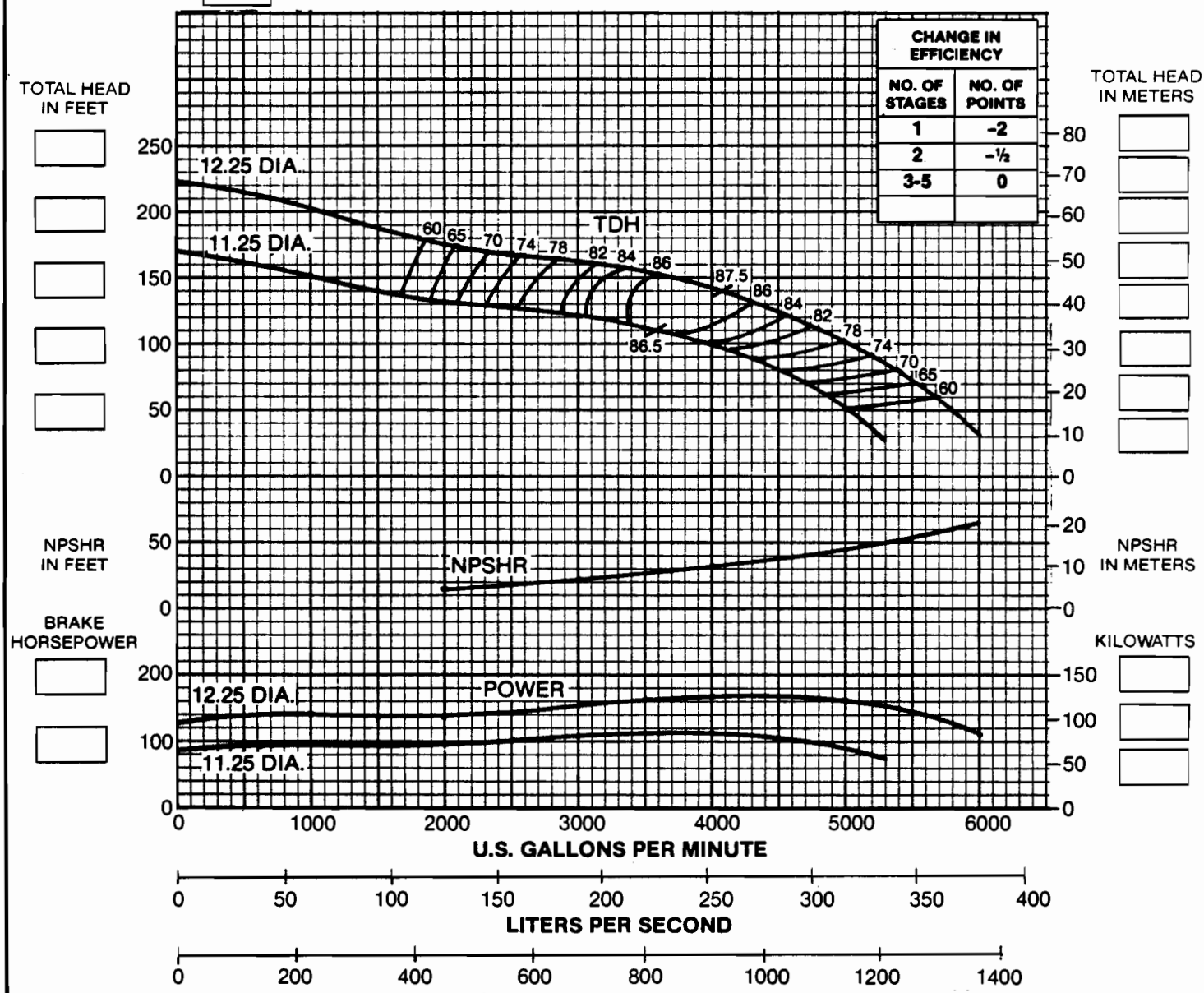
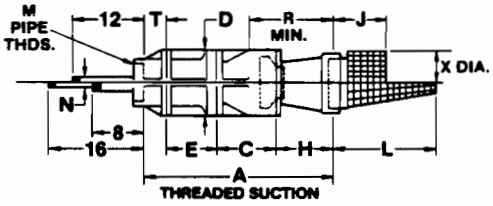
1770 RPM
SINGLE STAGE PERFORMANCE

MODEL 18ACL
ENCLOSED IMPELLER
STANDARD CONSTRUCTION

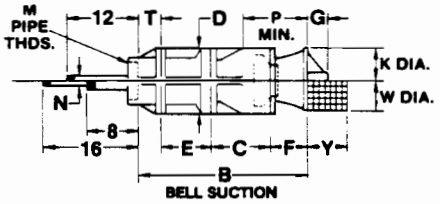
STAGES REQUIRED

CHANGE IN EFFICIENCY	
NO. OF STAGES	NO. OF POINTS
1	-2
2	-½
3-5	0





PUMP HYDRAULIC PERFORMANCE IS BASED ON STANDARD MATERIALS OF CONSTRUCTION HANDLING COLD, CLEAR, FRESH, NONAERATED WATER, FREE OF FOREIGN MATERIALS. LOSSES ARE NOT INCLUDED.



STANDARD DIMENSIONS

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	W	X	Y
IN.	31⅛	31	12½	17⁹⁄₁₆	7⅛	7¾	4¾	7⅞	16	17⁹⁄₁₆	33⅜	12	2³⁄₁₆	30	32	3⅝	18³⁄₁₆	18	10
MM.	790.57	787.4	317.5	446.08	180.9	196.85	120.65	200.02	406.4	446.08	847.7	304.8	55.56	780.6	812.8	92.07	466.7	457.2	254

STANDARD DATA

IMPELLER NO.	SPECIFIC SPEED	THRUST FACTOR K	SHAFT DIAMETER	STANDARD AXIAL CLEARANCE	MAX. STAGES	MAX. PRESSURE	DISCHARGE SIZE	SUCTION SIZE	SINGLE STAGE WEIGHTS THREADED SUCTION	SINGLE STAGE WEIGHTS BELL SUCTION	WEIGHT EACH ADDITIONAL STAGE
318810	2734	28 lb/ft	2.1875 in	0.625 in	5	307 psi	10, 12, 14 in.	12, 14 in	690 lb	670 lb	280 lb
		408.8 N/m	55.56 mm	15.875 mm		2116 kPa	254, 304.8 355.6 mm	304.8 355.8 mm	313.26 Kg	304.18 Kg	127.12 Kg

Refer to Section C and I for thrust curves, optional materials, construction and engineering data.