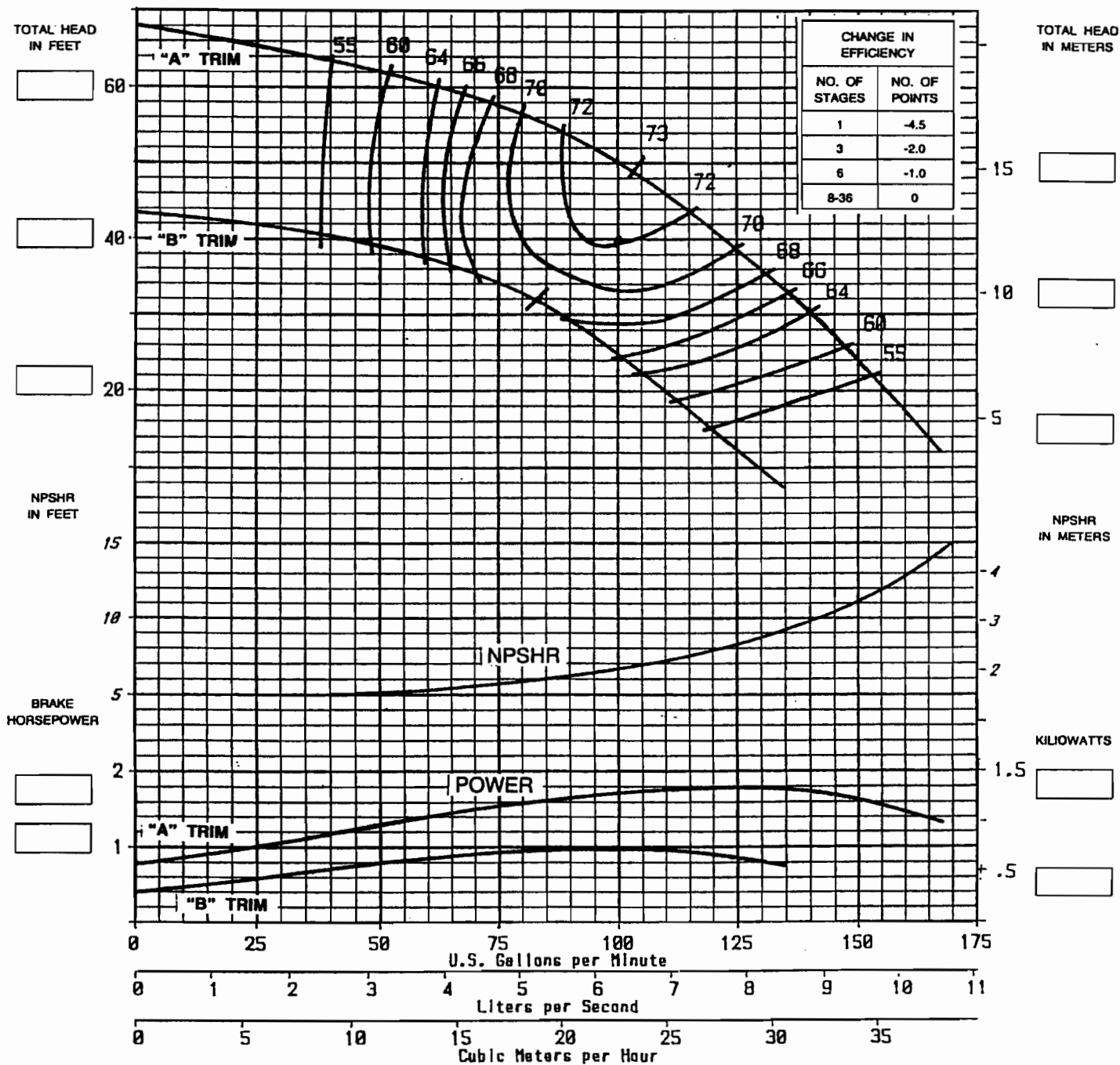


3500 RPM
SINGLE STAGE PERFORMANCE

MODEL 6BCXL
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: _____
Item No.: _____
Capacity: _____ TDH _____ Bowl HP _____ Bowl Efficiency _____

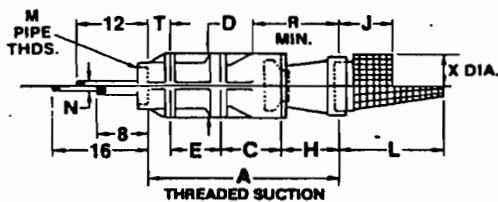
IMPELLER DATA

6 BCXL
3500

IMPELLER NO. 406-3-3001 . TYPE Enclosed . DIAMETER: A 4.50 ", 114.3 mm,
B 3.83 ", 97.3 mm
EFFECTIVE EYE AREA 3.24 sq. inches, 2090 sq. mm. NUMBER OF VANES 6 .
THRUST CONSTANT K 1.5 lbs. / ft. 21.9 N / m of head. WEIGHT 2.12 lbs., .962 Kg.
WR² .049 lbs. / ft²., .239 Kg / m² .
EYE FLUID VELOCITY CK .099 ft. / sec. / GPM, .478 m / sec. / LPS.
PERIPHERAL VELOCITY 15.72 ft. / sec. / inch, .189 m / sec. / mm of impeller dia. Ns 1920

BOWL DATA

BOWL NO. 406-3-2001 . CONNECTION TYPE Threaded . NOMINAL DIAMETER (E) 5 11/16 ", 144.46 mm.
MINIMUM DIAMETER (E) 5 11/16 ", 144.46 mm.
COLUMN PIPE SIZE 4 ", 101.6 mm, STANDARD, _____", _____ mm, MAXIMUM
SUCTION PIPE SIZE 4 ", 101.6 mm, STANDARD, _____", _____ mm, MAXIMUM.
PUMP SHAFT DIAMETER 1.0 ", 25.4 mm, STANDARD _____", _____ mm MAXIMUM.
LATERAL .4688 ", 11.9 mm, STANDARD, _____", _____ mm MAXIMUM.
SHAFT BEARING CLEARANCE .010 ", .254 mm. IMPELLER SKIRT CLEARANCE .015 ", .381 mm.
MAXIMUM NUMBER OF STAGES 36 (std. construction).
MAXIMUM HEAD 1337 ft., 408 m (std. construction). MAXIMUM SPHERE SIZE 7/32 ", 5.6 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.	20 ^{15/16}	—	4 ^{11/16}	5 ^{11/16}	9 ^{7/16}	—	—	7 ^{1/2}	7	—	12 ^{3/4}	4	1	—	8 ^{1/2}	3 ^{3/4}	—	8	—
MM.	531.8	—	115.9	144.5	233.4	—	—	190.5	177.8	—	323.8	101.6	25.4	—	215.9	92.1	—	203.2	—

WEIGHT: SINGLE STAGE 65 LBS., 29.4 KGS. ADDITIONAL STAGE 22 LBS., 9.97 KGS.