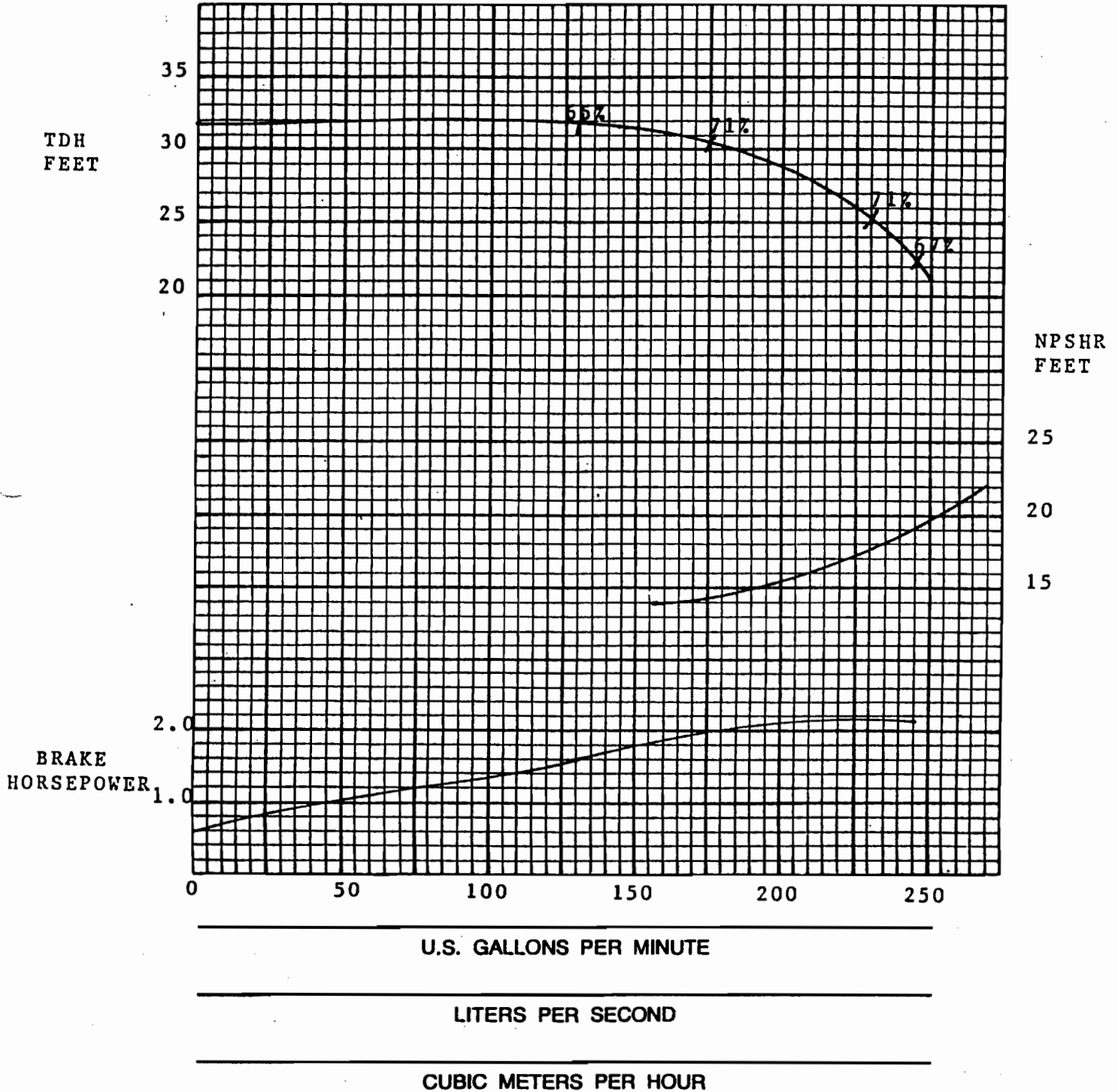




1770 RPM
SINGLE STAGE PERFORMANCE

Model 8ACL
Standard Construction

STAGES REQUIRED



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

Customer: _____

Item No.: _____

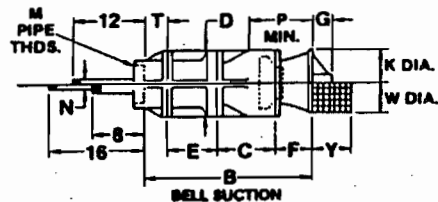
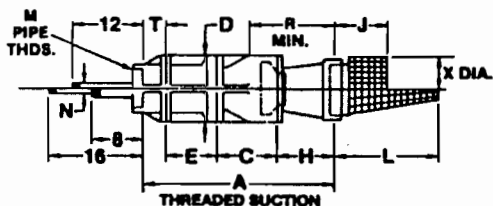
Capacity: _____ TDH _____ Bowl HP _____ Bowl Efficiency _____

IMPELLER DATA

IMPELLER NO. 408-3-3029 . TYPE ENCLOSED . DIAMETER: A 6.187 ", 157.2 mm,
5.875 ", 149.2 mm,
 EFFECTIVE EYE AREA 8.41 sq. inches, 5425.8 sq. mm. NUMBER OF VANES 8 .
 THRUST CONSTANT K 3.68 lbs. / ft. 5.0 N / m of head. WEIGHT 8 lbs., 3.6 Kg.
 WR² 1.80 lbs. / ft²., 8.79 Kg / m².
 EYE FLUID VELOCITY CK .004 ft. / sec. / GPM, .017 m / sec. / LPS.
 PERIPHERAL VELOCITY 7.73 ft. / sec. / inch, .093 m / sec. / mm of impeller dia. Ns 2264

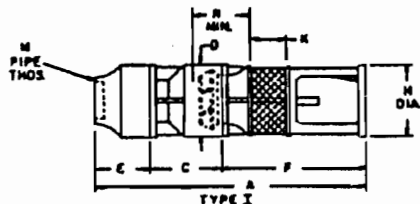
BOWL DATA

BOWL NO. 408-3-2022 . CONNECTION TYPE BOLTED . NOMINAL DIAMETER (E) 7.5 ", 190.5 mm.
 MINIMUM DIAMETER (E) 7.5 ", 190.5 mm.
 COLUMN PIPE SIZE 6 ", 152.4 mm, STANDARD, 6 ", 152.4 mm, MAXIMUM
 SUCTION PIPE SIZE 6 ", 152.4 mm, STANDARD, 6 ", 152.4 mm, MAXIMUM.
 PUMP SHAFT DIAMETER 1.1875 ", 30.2 mm, STANDARD 1.4375 ", 36.5 mm MAXIMUM.
 LATERAL .375 ", 9.5 mm, STANDARD, .4375 ", 11.1 mm MAXIMUM.
 SHAFT BEARING CLEARANCE 0.10 ", 2.54 mm. IMPELLER SKIRT CLEARANCE 0.15 ", 3.81 mm.
 AXIMUM NUMBER OF STAGES 16 (std. construction).
 MAXIMUM HEAD 525 ft., 160 m (std. construction). MAXIMUM SPHERE SIZE .3125 ", 7.9 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.



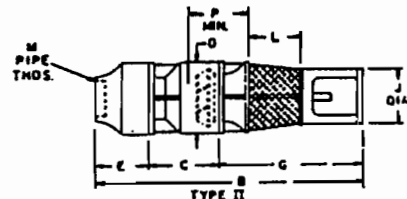
STANDARD DIMENSIONS

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	W	X	Y
IN.	23.25	20.125	6.0	7.5	8.75	3.875	3.25	7.5	9.0	7.75	16.25	6.0	1.1875	11.625	12.75	-	8.25	10.0	5.0
MM.	590.0	511.1	152.4	190.5	222.3	98.84	82.6	190.5	228.6	196.9	412.8	152.4	30.2	295.3	323.9	-	209.6	254.0	127.0



STANDARD DIMENSIONS

	A	B	C	D	E	F	G	H	J	K	L	M	P	R
IN.	28.5	28.5	6.0	7.5	8.5	14.0	14.0	7.5625	5.375	12.0	12.00	6.0	11.625	12.75
MM.	723.9	723.9	152.4	190.5	215.9	355.6	355.6	192.1	136.5	304.8	304.8	152.4	295.3	323.9



WEIGHT: SINGLE STAGE 100 lbs., 45.4 Kgs. ADDITIONAL STAGE 35 lbs., 15.9 Kgs.