Rentzel Pump Manufacturing

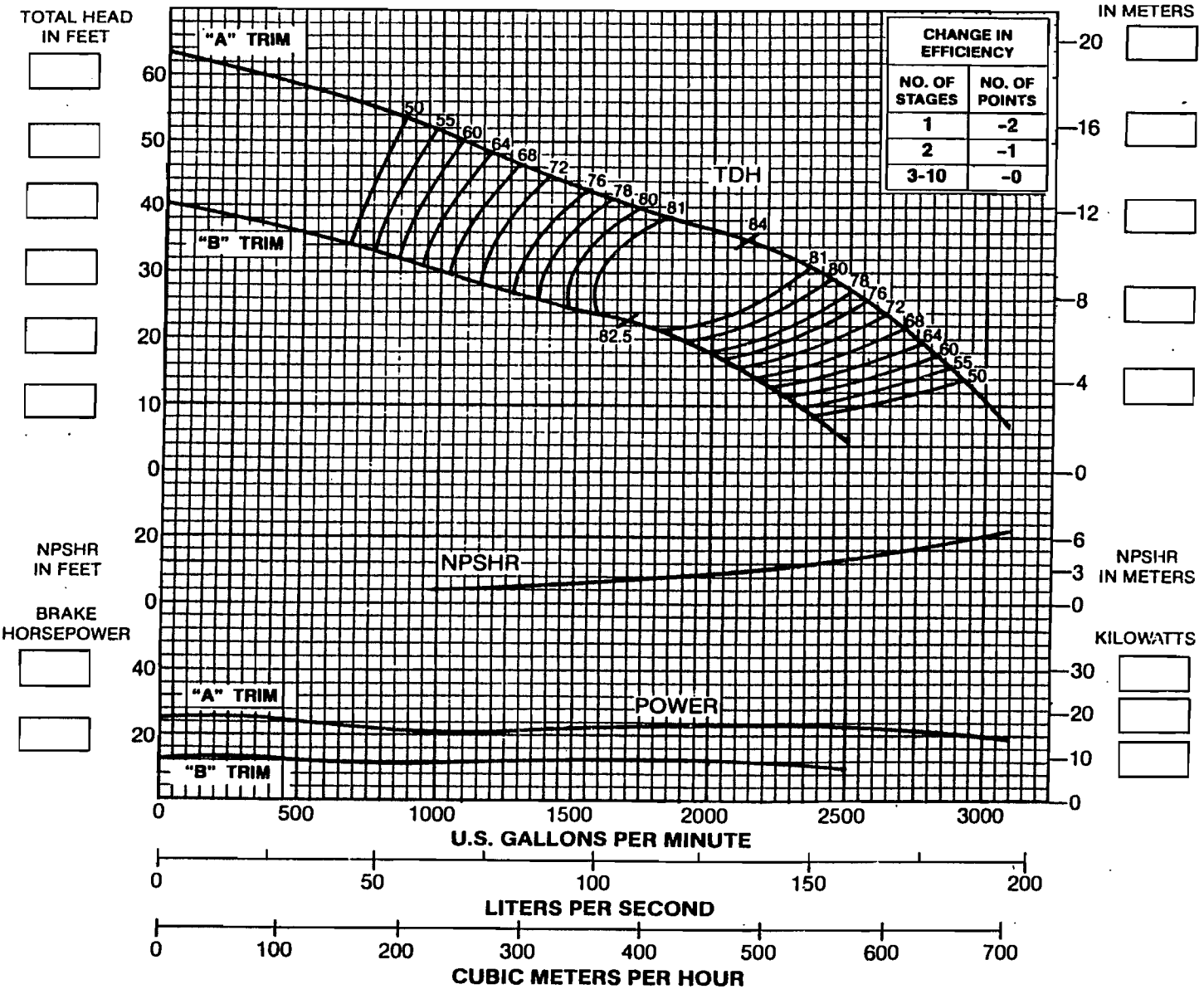
1160 RPM
SINGLE STAGE PERFORMANCE

[ ] STAGES REQUIRED

STANDARD CONSTRUCTION

See reverse side for detailed information.

MODEL 15CCL
ENCLOSED IMPELLER
STANDARD CONSTRUCTION



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 _____

15CCL
1160

IMPELLER DATA

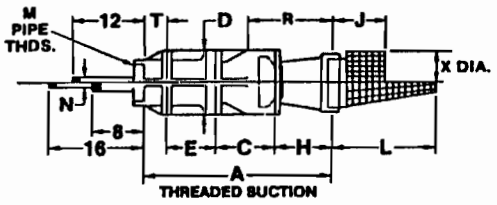
IMPELLER NO. 514-3-3016 . TYPE ENCLOSED . DIAMETER: A 11.59 ", 294.3 mm,
B 10.2 ", 269.1 mm, C ", mm,
EFFECTIVE EYE AREA 53.5 sq. inches, 34516 sq. mm. NUMBER OF VANES 5 .
THRUST CONSTANT K 25.4 lbs. / ft. 370.84 N / m of head. WEIGHT 30 lbs., 13.69 Kg.
WR^2 4.61 lbs. / ft^2., 22.51 Kg / m^2.
EYE FLUID VELOCITY CK .006 ft. / sec. / GPM, .029 m / sec. / LPS.
PERIPHERAL VELOCITY 5.06 ft. / sec. / inch, .061 m / sec. / mm of impeller dia. Ns 3716

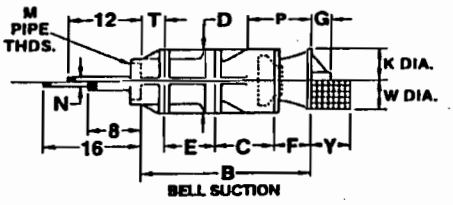
BOWL DATA

BOWL NO. 415-3-3011 CONNECTION TYPE FLANGED . NOMINAL DIAMETER (E) 14.75 ", 374.6 mm.
MINIMUM DIAMETER (E) 14.75", 374.6 mm.
COLUMN PIPE SIZE 12 ", 304.8 mm, STANDARD, * ", * mm, MAXIMUM

SUCTION PIPE SIZE 10 ", 254 mm, STANDARD, 12 ", 304.8 mm, MAXIMUM.
PUMP SHAFT DIAMETER 1.94 ", 49.2 mm, STANDARD 2.188 ", 55.6 mm MAXIMUM.
LATERAL 1.125", 28.6 mm, STANDARD, * ", * mm MAXIMUM.
FT BEARING CLEARANCE .010", .254 mm. IMPELLER SKIRT CLEARANCE .015", .381 mm.
MAXIMUM NUMBER OF STAGES _____ (std. construction).
MAXIMUM HEAD 646 ft., 196.9 m (std. construction). MAXIMUM SPHERE SIZE 1.50", 38.1 mm.
PROJECTIONS ABOVE COLUMN PIPE BUTT: **TUBE** 8", 203.2 mm; **SHAFT** 16 ", 406.4mm. FOR ENCLOSED LINESHAFT. 12", 254 mm. FOR OPEN LINESHAFT.

WEIGHT: SINGLE STAGE 613 lbs., 278.3 Kgs. ADDITIONAL STAGE 189 lbs., 85.8Kgs.
* REFER TO FACTORY





STANDARD DIMENSIONS

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	W	X	Y
IN.	34 1/8	32 3/8	15 1/8	15 3/4	5 3/8	8 1/8	4 3/4	9 7/8	16	14 3/4	31 3/8	12	1 15/16	8 13/16	14 11/16	3 5/8	15 5/8	18	10
MM.	866.7	822.5	384.1	400.1	136.7	206.3	120.7	251.0	406.4	374.7	797.1	304.8	49.3	223.8	373.1	92.0	396.8	457.2	254.0