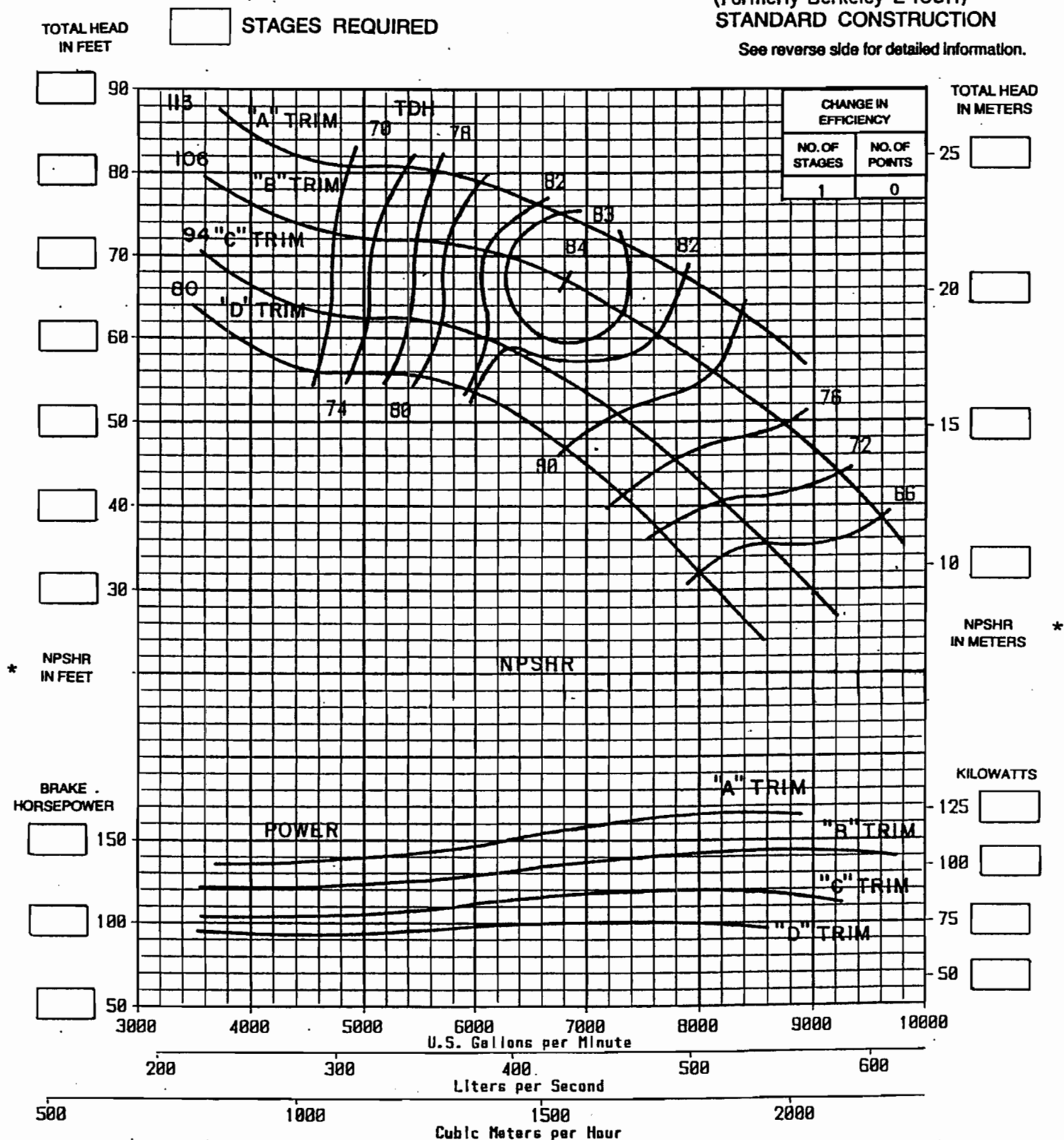




**1160 RPM
SINGLE STAGE PERFORMANCE**

MODEL 24BCH
(Formerly Berkeley 2403H)
STANDARD CONSTRUCTION

See reverse side for detailed information.



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

* Refer to factory.

Customer: _____

Item No.: _____

Capacity: _____

TDH

Brake HP

Brake Efficiency

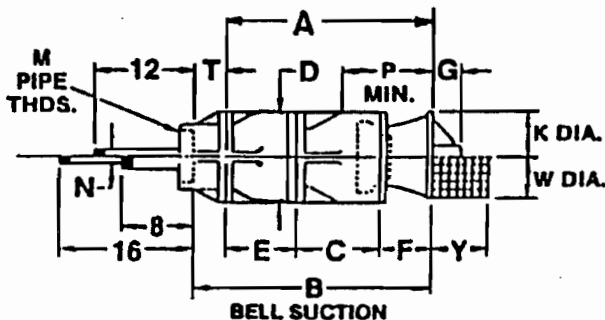
IMPELLER DATA

24 BCH
1180

IMPELLER NO. 924-3-3000 . TYPE Enclosed . DIAMETER: A 18 $\frac{7}{8}$ " 479.4 mm,
12.75 ", 323.95 mm C 12.0 ", 304.8 mm, D 11.625", 295.8mm.
 EFFECTIVE EYE AREA 125.04 sq. inches, 806.76 sq. mm. NUMBER OF VANES 6 .
 THRUST CONSTANT K 54.0 -lbs. / ft. 1371.6 N / m of head. WEIGHT 108 lbs., 48.99 Kg.
 WR² * lbs. / ft²., * Kg / m².
 EYE FLUID VELOCITY CK * ft. / sec. / GPM, * m / sec. / LPS.
 PERIPHERAL VELOCITY * ft. / sec. / inch, * m / sec. / mm of impeller dia. Ns 3996

BOWL DATA

BOWL NO. 424-3-2000 . CONNECTION TYPE Bolted . NOMINAL DIAMETER (E) 21.75", 552.5 mm.
 MINIMUM DIAMETER (E) 21 $\frac{3}{4}$ ", 552.5 mm.
 COLUMN PIPE SIZE 16 ", 406.4 mm, STANDARD, ", mm, MAXIMUM
 SUCTION PIPE SIZE NA ", NA mm, STANDARD, NA ", NA mm, MAXIMUM.
 PUMP SHAFT DIAMETER 2.188 ", 55.58 mm, STANDARD 2.437", 61.9 mm MAXIMUM.
 LATERAL 1.03 ", 26.2 mm, STANDARD, ", mm MAXIMUM.
 SHAFT BEARING CLEARANCE .010 ", .254 mm. IMPELLER SKIRT CLEARANCE .015 ", .381 mm.
 TOTAL NUMBER OF STAGES 3 (std. construction).
 MAXIMUM HEAD 460 ft., 140.2 m (std. construction). MAXIMUM SPHERE SIZE 2.75", 69.85 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.



A. One stage pump
less column adaptor

B. One stage pump
with column adaptor

STANDARD DIMENSIONS

	A	A ₁	B	B ₁	C	D	E	F	G	H	J	K	L	M	N	P	R	T	W	X	Y
IN.	30		30.06		23.25	21.75	19	11	.875	NA	NA	24	NA	16	2.19	15.38	NA	.063	25.25	NA	12
MM.	762		763.52		599.55	552.45	482.6	279.4	22.23	NA	NA	609.6	NA	406.4	55.63	390.65	NA	1.6	641.35	NA	304.8