



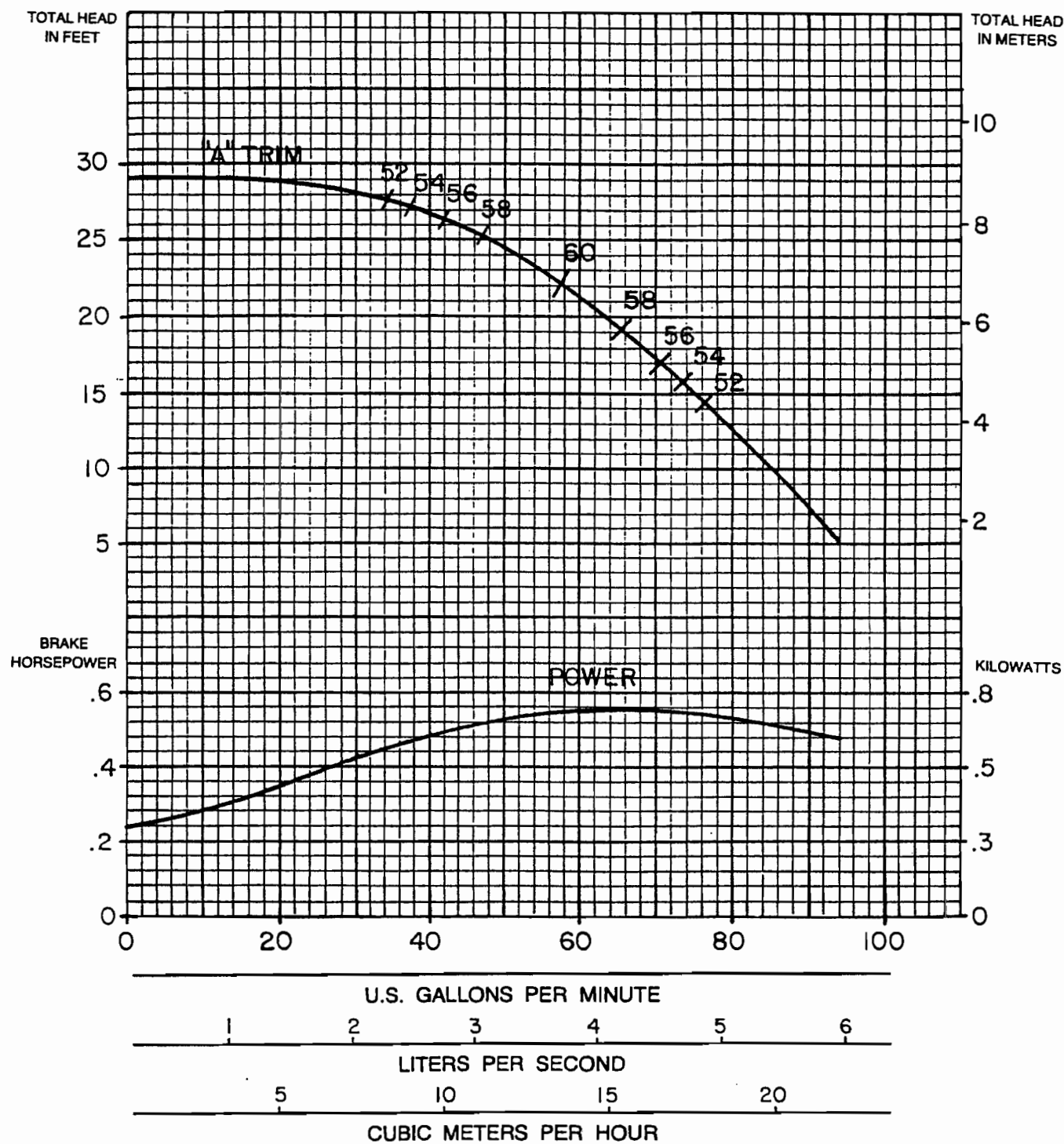
Section 4
Page 1.3
Curve No. 360404
Effective August 1991
Supersedes

3500 RPM
SINGLE STAGE PERFORMANCE

MODEL 4BOM

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

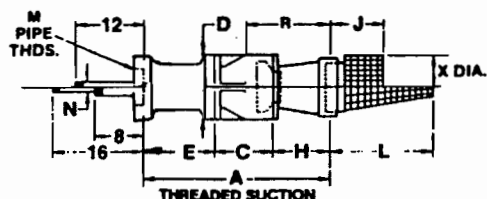
IMPELLER NO. 404-3-3020 . TYPE OPEN . DIAMETER: A 3.00 ", 76.2 mm,
 B _____ ", _____ mm, C _____ ", _____ mm,
 EFFECTIVE EYE AREA 1.97 sq. inches, 1270.97 sq. mm. NUMBER OF VANES 6 .
 THRUST CONSTANT K 1.37 lbs. / ft. 20.0 N / m of head. WEIGHT 1 lbs., .453 Kg.
 WR² * _____ lbs. / ft²., * _____ Kg / m².
 EYE FLUID VELOCITY CK _____ * ft. / sec. / GPM, _____ * m / sec. / LPS.
 PERIPHERAL VELOCITY 15.72 ft. / sec. / inch, .189 m / sec. / mm of impeller dia. Ns 901

BOWL DATA

BOWL NO. 404-3-2020 CONNECTION TYPE TRREADED. NOMINAL DIAMETER (E) 3.75 ", 95.3 mm.
 MINIMUM DIAMETER (E) 3.75 ", 95.3 mm.
 COLUMN PIPE SIZE 2½ ", 63.5 mm, STANDARD, 2½ ", 63.5 mm, MAXIMUM
 SUCTION PIPE SIZE 2½ ", 63.5 mm, STANDARD, 2½ ", 63.5 mm, MAXIMUM.
 PUMP SHAFT DIAMETER .75 ", 19.05 mm, STANDARD .75 ", 19.05 mm MAXIMUM.
 LATERAL .28 ", 7.11 mm, STANDARD, .28 ", 7.11 mm MAXIMUM.
 SHAFT BEARING CLEARANCE .010", .254 mm. IMPELLER SKIRT CLEARANCE .015 ", 381 mm.
 MAXIMUM NUMBER OF STAGES ..* (std. construction).
 MAXIMUM HEAD 1537ft., 468.45 m (std. construction). MAXIMUM SPHERE SIZE .218", 5.54mm.
 PROJECTIONS ABOVE COLUMN PIPE BUTT: **TUBE** 8", 203.2 mm; **SHAFT** 16", 406.4mm. FOR ENCLOSED
 LINESHAFT. 12", 304.8 mm. FOR OPEN LINESHAFT.

WEIGHT: SINGLE STAGE 32 lbs., 14.51 Kgs. ADDITIONAL STAGE 4 lbs., 1.81 Kgs.

* REFER TO FACTORY



WATER LUBE ONLY

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.	13 ¹³ / ₁₆	—	—	—	3	3 ³ / ₄	6	—	—	4 ¹³ / ₁₆	3	—	9 ³ / ₄	2 ¹ / ₂	3 ³ / ₄	—	6 ⁵ / ₁₆	—	—	6	—
MM.	350.8	—	—	—	76.2	95.3	154	—	—	122.2	76.2	—	247.7	63.8	19.1	—	160.3	—	—	152.4	—