



**LAMB®
VACUUM
MOTORS,
BLOWERS
MODEL 116111-00**

**technical
bulletin**

VT572-6111-00

Issued: 10/6/80

Supersedes: New

DESCRIPTION

TYPE: Two Stage, Single Speed, Thru-Flow, 5.7" Diameter, 220 Volts, Double Ball Bearings.

DESIGN APPLICATION: Canister-type vacuum cleaners. Equipment not requiring separation of working air from motor ventilating air. Designed to handle clean, dry, filtered air only. For additional application information write for Bulletin 2-VT570-001.

SPECIAL FEATURES:

- Component recognized by Underwriters Laboratories, Inc. (U.L.)
- Provision for grounding
- Open frame construction

All 5.7" diameter thru-flow motors feature face mounting interchangeability. The Lamb vacuum motor line offers a wide range of performance levels to meet design needs.



TYPICAL MOTOR PERFORMANCE*

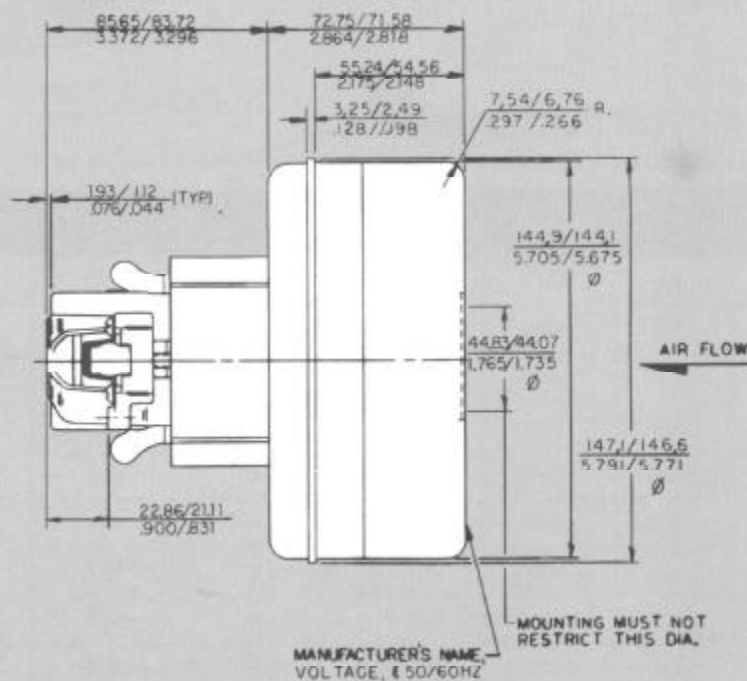
(At 220 volts, 60 Hz, test data is corrected to standard conditions of 29.92 inches Hg, 68°F.)

ORIFICE DIAMETER	AMPS	WATTS	RPM	VACUUM (INCHES H ₂ O)	AIR FLOW (CFM)	AIR WATTS	OVERALL EFFICIENCY %
2"	5.8	1211	16775	4.5	113.0	59	4.9
1¾"	5.7	1209	16800	7.3	110.0	95	7.8
1½"	5.7	1201	16900	12.2	105.0	150	12.5
1¼"	5.6	1176	17125	20.3	94.0	225	19.1
1⅓"	5.4	1141	17375	25.7	85.7	260	22.7
1"	5.3	1100	17750	32.0	75.5	284	25.8
⅞"	5.0	1057	18200	38.9	63.7	291	27.6
¾"	4.8	1007	18850	46.6	51.2	281	27.9
⅝"	4.4	935	19750	56.0	39.0	257	27.5
½"	4.1	873	20675	65.5	27.0	208	23.8
⅜"	3.7	801	21925	75.0	16.3	144	17.9
¼"	3.4	724	23200	83.5	7.6	75	10.3
SEALED	3.2	687	23850	93.7			

*The performance data specified represents a typical or average motor. If data is required to establish acceptance specifications, contact the factory.

NOTES:

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- 60.96/59.44
2.400/2.340
(TYP.)
- 368.3/342.9
14.500/13.500
(TYP.)
- $\frac{12.70}{9.52}$
 $\frac{.500}{.375}$
(TYP.)
- $\frac{21.16}{21.03}$
 $\frac{.833}{.828}$
(TYP.)
- $\frac{4.19}{4.36}$ Ø 2 HOLES,
THRU-SPACED AS SHOWN
(SEE NOTE *2.1)
- (14) $\frac{4.21}{4.47}$ Ø $\frac{17.85}{18.54}$ DE
 $\frac{166}{176}$ $\frac{703}{734}$
- HOLES EQ. SPACED ON A
 $\frac{117.47}{46.25}$ Ø BOLT CIRCLE
BASIC (SEE NOTE *2.1)
 $\frac{40.59}{40.34}$
- $\frac{1.598}{1.588}$
(TYP.)
- (12) $\frac{4.21}{4.47}$ Ø $\frac{19.69}{11.50}$ DP
 $\frac{166}{176}$ $\frac{421}{453}$
- EQ. SPACED AS SHOWN
ON A $\frac{76.2}{3.000}$ Ø BOLT
CIRCLE BASIC ($\frac{40.59}{40.34}$)
(SEE NOTE *2.1)
- MODEL NO.
- DATE OF MANUFACTURE &
INSPECTION CODE WITH "F"
SUFFIX



METEK

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