



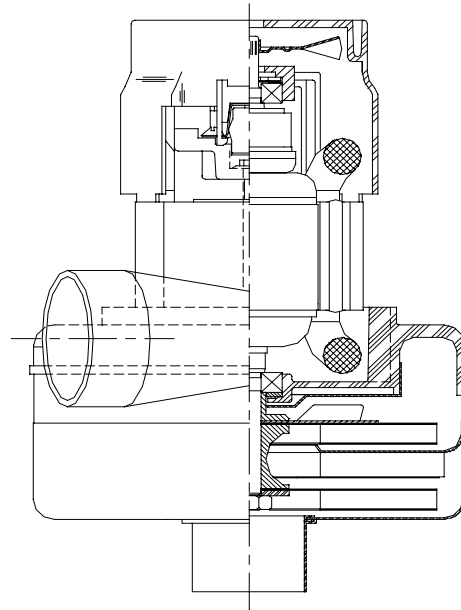
Model: 116255-00*
 116255-01* - 7610047
 116255-11*

DESCRIPTION

- Two stage
- 240 volts
- 5.7"/145 mm diameter
- Double ball bearings
- Single speed
- Tangential bypass discharge
- Thermoset fan end bracket
- Aluminum commutator bracket

DESIGN APPLICATION

- Equipment operating in environments requiring separation of working air from motor ventilating air
- Designed to handle clean, dry, filtered air only



SPECIAL FEATURES

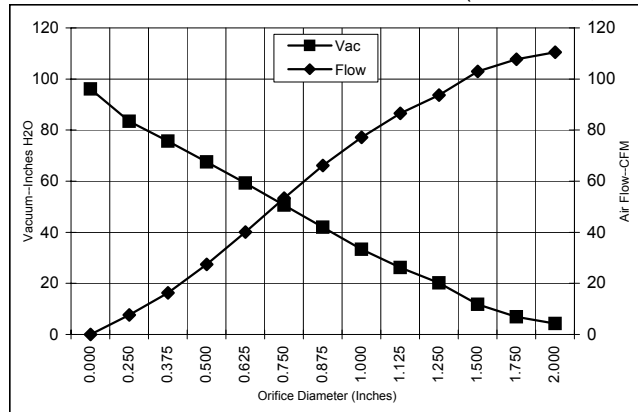
- Suitable for 240 volt AC operation, 50/60 Hz
- UL recognized category PRGY2 (E47185)
- Provision for grounding
- Skeleton-frame design
- Patented air seal bearing construction, U.S. Patent #4,088,424
- Epoxy painted fan case
- The Lamb Electric vacuum motor line offers a wide range of performance levels to meet design needs

- * Model 116255-00 has a fan shell inlet tube 1.5" x 1.0" long
- * Model 116255-01 does not have a fan shell inlet tube
- * Model 116255-11 has a fan shell inlet tube plus interrupter brushes

TYPICAL MOTOR PERFORMANCE.*

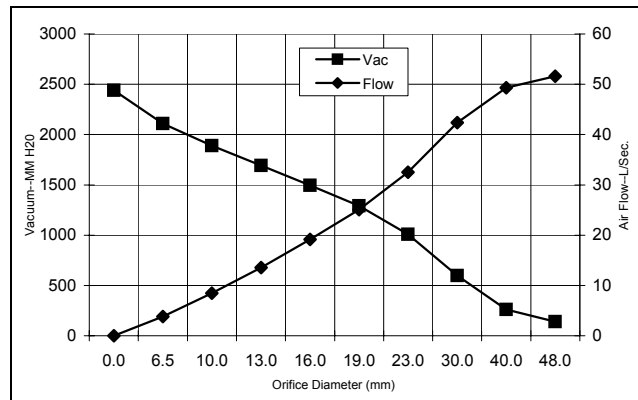
(At 240 volts, 60Hz, test data is corrected to standard conditions of 29.92 Hg, 68° F.)

ASTM DATA



Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H2O)	Flow (CFM)	Air Watts
2.000	4.8	1111	18817	4.3	110.5	55.5
1.750	4.8	1125	18753	6.9	107.7	87.7
1.500	4.9	1139	18689	11.8	103.0	142.2
1.250	4.9	1152	18626	20.2	93.7	222.3
1.125	4.9	1150	18648	26.2	86.5	265.8
1.000	4.9	1136	18741	33.3	77.1	301.6
08750	4.8	1114	18917	41.9	66.2	325.4
0.750	4.6	1065	19375	50.7	53.4	317.8
0.625	4.3	1005	20057	59.2	40.1	278.9
0.500	4.0	938	20932	67.5	27.4	217.3
0.375	3.7	863	21970	75.7	16.3	145.1
0.250	3.4	794	23008	83.5	7.6	74.7
0.000	3.1	736	24069	96.1	0.0	0

METRIC DATA



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H2O)	Flow (L/Sec)	Air Watts
48.0	4.8	1117	18789	138	51.6	70
40.0	4.9	1135	18708	262	49.3	126
30.0	4.9	1151	18638	597	42.4	246
23.0	4.8	1120	18873	1010	32.5	319
19.0	4.6	1064	19389	1291	25.1	317
16.0	4.3	1007	20030	1495	19.2	280
13.0	4.0	945	20845	1693	13.5	223
10.0	3.7	874	21814	1891	8.5	156
6.5	3.4	797	22956	2110	3.8	78
0.0	3.1	736	24069	2440	0.0	0

Note: Metric performance data is calculated from the ASTM data above.

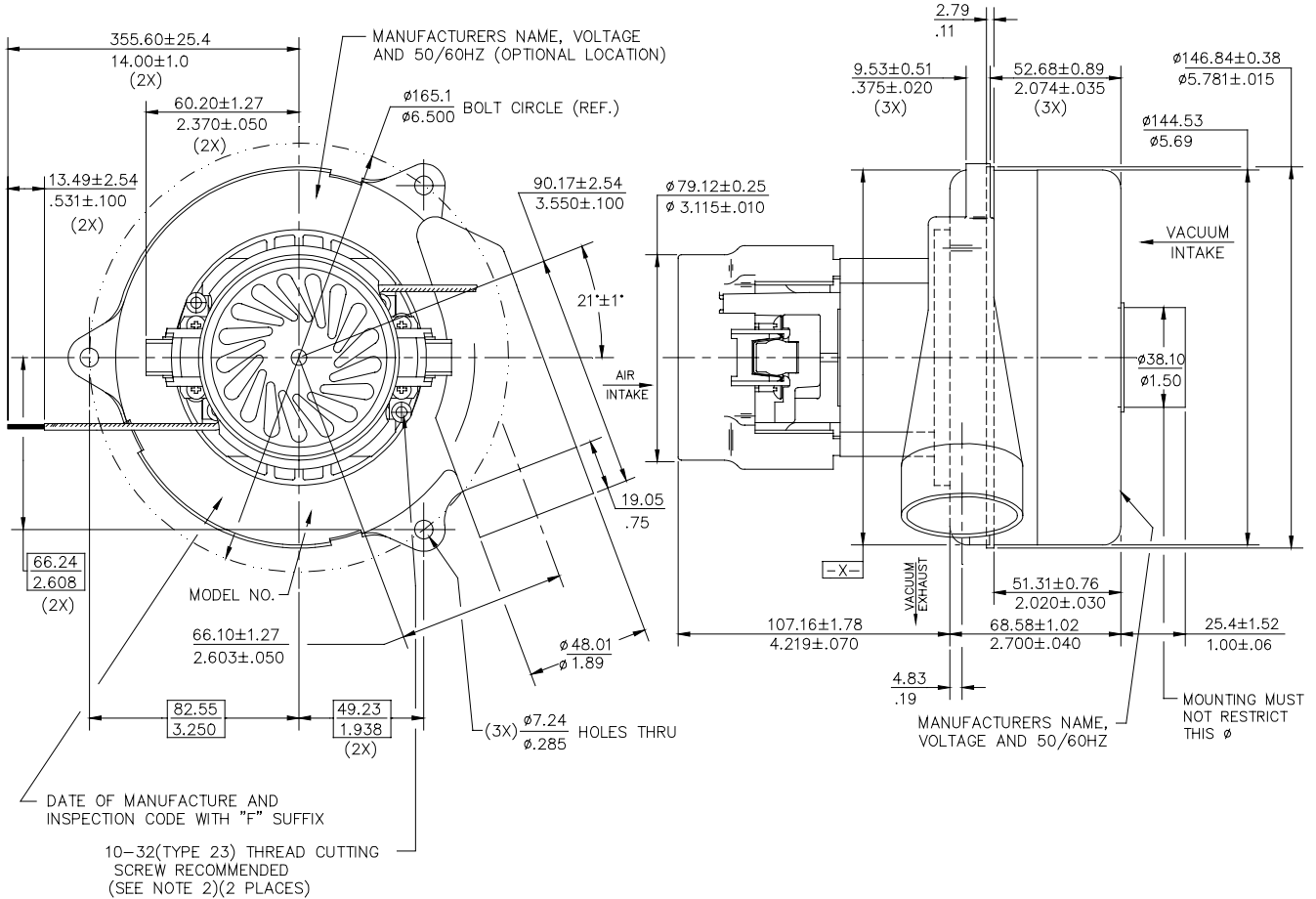
* Data represents performance of a typical motor sampled from a large production quantity. Individual motor data may vary due to normal manufacturing variations.

Test Specs:	240 volts	Minimum Sealed Vacuum:	94.0"	ORIFICE:	13 mm	Minimum Vacuum:	61.0"	MaximumWatts	1100
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DIMENSIONS

NOTES:

- 1. LEADS: 18GA STRANDED, LEADS CAN BE ANY COLOR EXCEPT GREEN OR GREEN WITH YELLOW STRIPE.
- 2. GROUNDING OR EARTHING PROVISIONS: USE HOLES AS INDICATED FOR GROUNDING OR EARTHING. REFER TO APPROPRIATE LISTING OR REGULATORY AGENCY FOR PROPER METHOD OF GROUNDING OR EARTHING.



IMPORTANT NOTE: Pictorial and dimensional data are subject to change without notice. Contact factory for current revision levels.

WARNING - When using AMETEK Lamb Electric bypass motors in machines that come in contact with foam, liquid (including water), or other foreign substances, the machine must be designed and constructed to prevent those substances from reaching the fan system, motor housing, and electrical components. Lamb Electric vacuum motors other than hazardous duty models should not be applied in machines that come in contact with dry chemicals or other volatile materials. Failure to observe these precautions could cause flashing (depending on volatility) or electrical shock which could result in property damage and severe bodily injury, including death in extreme cases. All applications incorporating Lamb Electric motors should be submitted to appropriate organizations or agencies for testing specifically related to the safety of your equipment.



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