



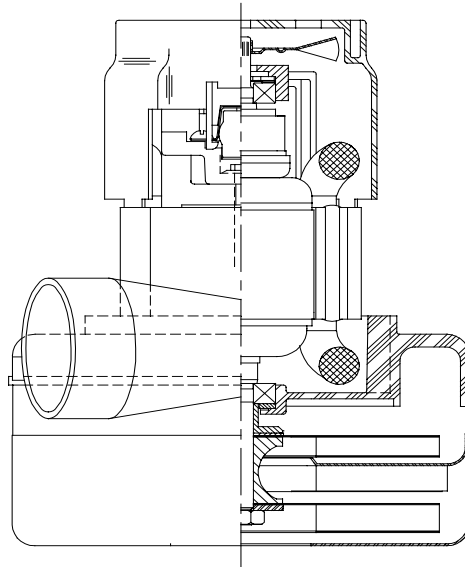
Model: 116353-00

DESCRIPTION

- Two stage
- 220 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

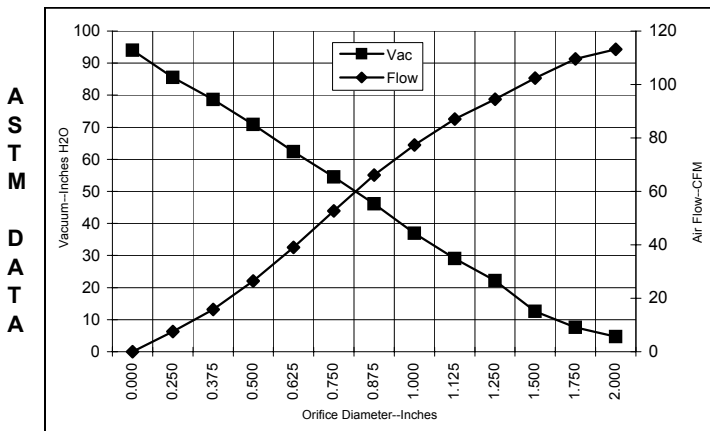


SPECIAL FEATURES

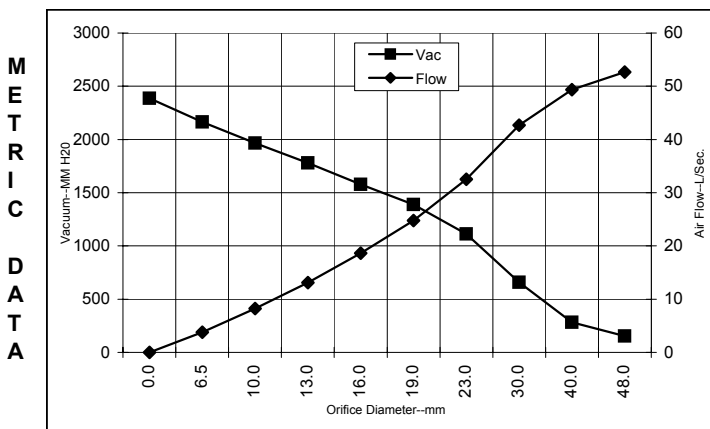
- Suitable for 220 volt AC operation, 50/60 Hz
- UL recognized, category PRGY2 (E47185)
- Provision for grounding
- Skeleton-frame design
- The Lamb Electric vacuum motor line offers a wide range of performance levels to meet design needs

TYPICAL MOTOR PERFORMANCE.*

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



Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H ₂ O)	Flow (CFM)	Air Watts
2.000	6.6	1365	17481	4.7	113.2	63
1.750	6.6	1360	17430	7.6	109.6	98
1.500	6.6	1352	17435	12.6	102.4	152
1.250	6.4	1337	17572	22.2	94.5	247
1.125	6.3	1317	17744	29.0	87.1	297
1.000	6.1	1281	18044	36.9	77.4	335
0.875	5.9	1241	18397	46.1	66.1	358
0.750	5.7	1186	18917	54.5	52.7	338
0.625	5.4	1121	19715	62.4	39.0	286
0.500	5.0	1036	20658	70.9	26.5	221
0.375	4.6	963	21660	78.6	15.8	146
0.250	4.2	895	22585	85.5	7.6	73
0.000	4.0	843	23456	94.0	0.0	0



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H ₂ O)	Flow (L/Sec)	Air Watts
48.0	6.6	1363	17459	152	52.7	78
40.0	6.6	1354	17434	282	49.4	136
30.0	6.4	1326	17667	659	42.7	275
23.0	6.0	1251	18309	1113	32.5	352
19.0	5.7	1185	18933	1388	24.7	337
16.0	5.4	1124	19683	1577	18.7	288
13.0	5.0	1045	20564	1779	13.1	228
10.0	4.6	974	21510	1967	8.2	157
6.5	4.2	898	22539	2163	3.8	77
0.0	4.0	843	23456	2388	0.0	0

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

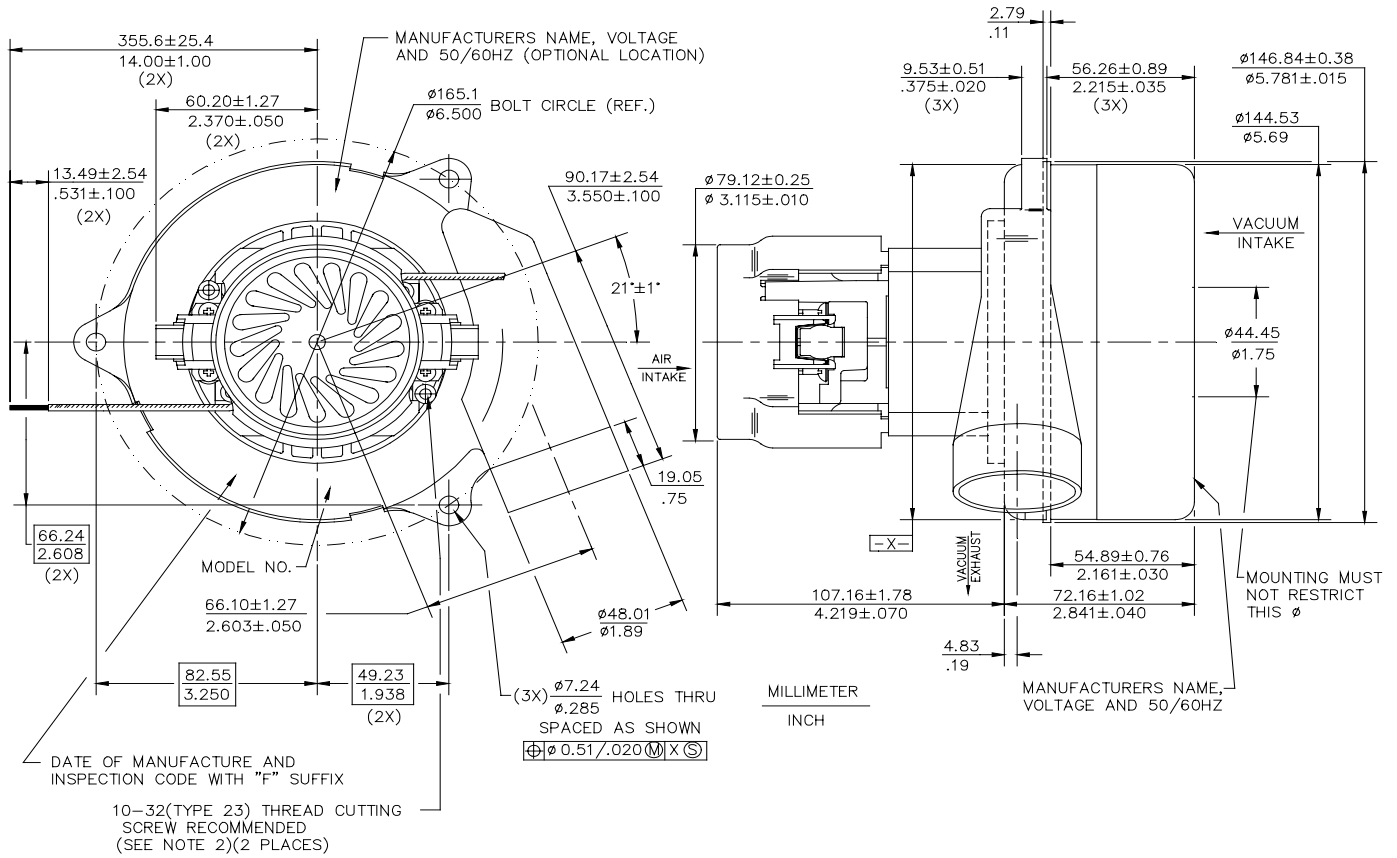
* Data represents performance of a typical motor sampled from a large production quantity. Individual motor data may vary due to normal manufacturing variations.

Test Specs:	240 volts	Minimum Sealed Vacuum:	90.0"	ORIFICE:	13mm	Minimum Vacuum:	65.0"	Maximum Watts:	1200
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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.

AMETEK/Lamb Electric Division
 627 Lake Street
 Kent, Ohio 44240
 U.S.A.
 Tel: (330) 673-3451
 Fax: (330) 673-8994

Ametek GmbH
 P. O. Box 1251
 D-71667 Marbach
 Germany
 Phone: + 49-714-484-9512
 Fax: + 49-714-484-9513

AMETEK/Singapore Private Limited
 10 Ang Mo Kio Street 65
 # 05-12 Techpoint
 Singapore 2056
 Tel: + 65-484-2388
 Fax: + 65-481-6588