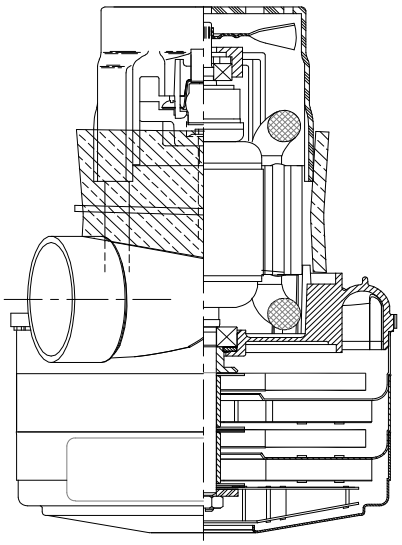
Product Bulletin

Lamb Electric

Model: 122681-07



Description

- Three stage
- 120 volts
- 5.7"/145 mm diameter
- Double ball bearings
- Single speed
- Tangential bypass discharge
- Aluminum 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, filterd air only

Special Features

- Suitable for 120 volt AC operation, 50/60 Hz
- UL/cRU recognized, category PRGY2 (E47185)
- Provision for grounding
- Open frame design
- 10mm shaft and bearing system
- Aluminum fan end bracket designed to dampen vibration and improve durability
-The Lamb Electric vacuum motor line offers a wide range of performance levels to meet design needs

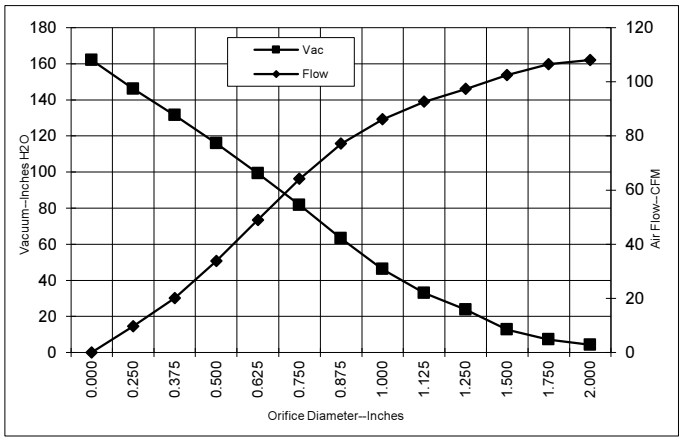
PEAK AIRWATTS

615

Calculated in accordance with ASTM F2105 and represents a typical motor.

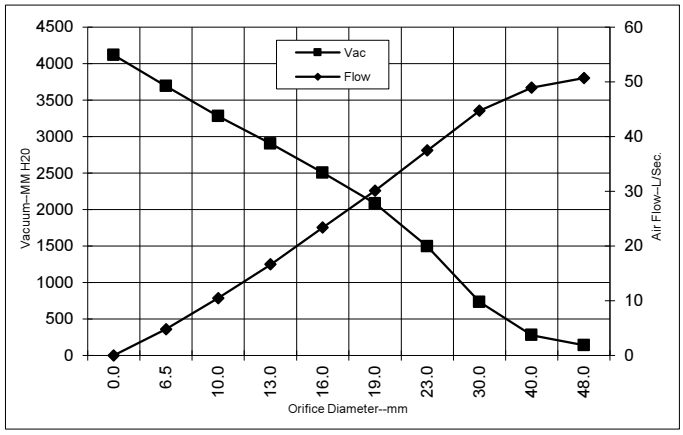
TYPICAL MOTOR PERFORMANCE.* (At 120 volts, 60Hz, test data is corrected to standard conditions of 29.92 Hg, 68° F.)

ASTM DATA



Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H2O)	Flow (CFM)	Air Watts
2.000	16.4	1881	22182	4.3	108.0	54
1.750	16.4	1885	22167	7.2	106.5	90
1.500	16.4	1884	22150	12.7	102.5	152
1.250	16.5	1888	22101	23.7	97.3	271
1.125	16.5	1890	22074	33.0	92.6	359
1.000	16.5	1894	22073	46.2	86.1	466
0.875	16.4	1888	22118	63.2	77.1	572
0.750	16.1	1852	22308	81.7	64.1	615
0.625	15.3	1767	22890	99.3	48.9	570
0.500	14.2	1644	23784	115.9	33.7	459
0.375	12.8	1490	24970	131.5	20.1	310
0.250	11.5	1346	26359	146.1	9.7	166
0.000	10.5	1230	27673	162.0	0.0	0

METRIC DATA

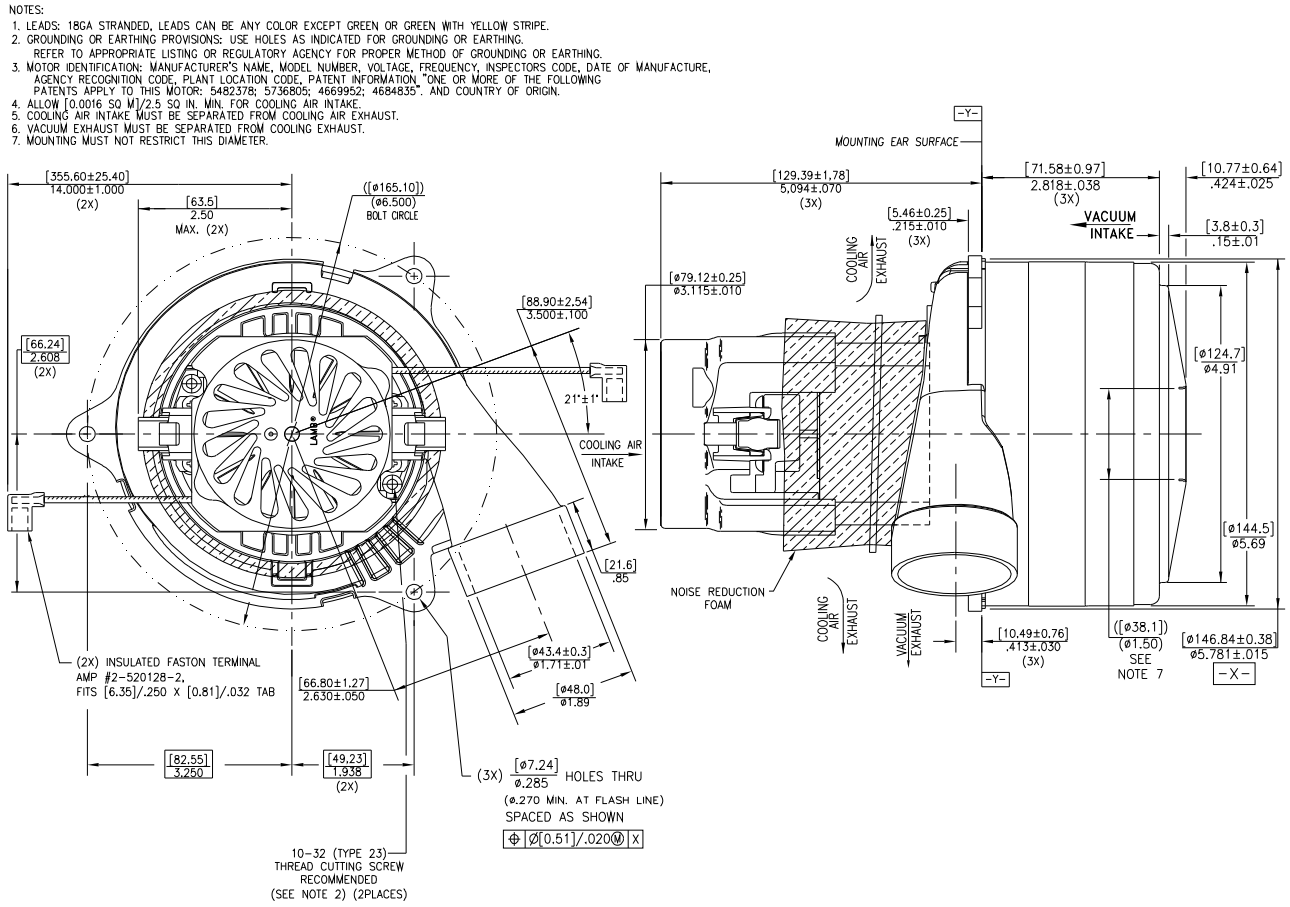


Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H2O)	Flow (L/Sec)	Air Watts
48.0	16.4	1883	22175	141	50.7	70
40.0	16.4	1884	22155	280	48.9	133
30.0	16.5	1889	22086	732	44.7	319
23.0	16.5	1889	22107	1497	37.5	545
19.0	16.1	1851	22319	2084	30.1	614
16.0	15.4	1770	22867	2505	23.4	572
13.0	14.3	1656	23695	2902	16.6	470
10.0	13.0	1513	24792	3280	10.5	333
6.5	11.6	1353	26290	3691	4.8	173
0.0	10.5	1230	27673	4115	0.0	0

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

Test Specs:	120V	Minimum Sealed Vacuum:	154"	ORIFICE:	7/8 "	Minimum Vacuum: 58"	Maximum Watts:	1930

DIMENSIONS



WARNING - When using AMETEK Floorcare & Specialty Motors (F&SM) 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. F&SM 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 shockwhich could result in property damage and severe bodily injury, including death in extreme cases. All applications incorporating F&SM motors should be submitted to appropriate organizations or agencies for testing specifically related to the safety of your equipment.