

Product Bulletin



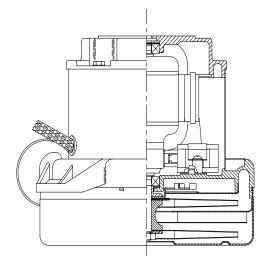
DESCRIPTION

- Two stage
- Single speed
- 7.2"/183mm diameter
- 240 volts
- Double ball bearings
- Tangential bypass discharge
- Aluminum fan end bracket
- Aluminum commutator bracket

DESIGN APPLICATION

- Equipment operating in environments which require separation of working air from motor ventilating air

- Designed to handle clean, dry, filtered air only



Model: 115684 - 7610012

SPECIAL FEATURES

- Suitable for 240 volt operation, 50/60 Hz
- Provision for grounding
- Epoxy painted fan case
- UL recognized, category PRGY2 (E47185)

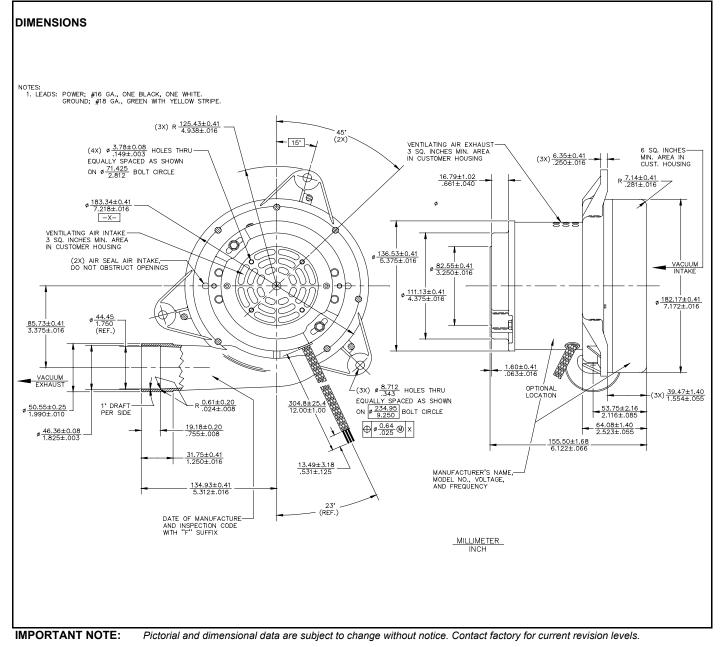
- The Lamb Electric vacuum motor line offers a wide range of performance levels to meet design needs

												Orifice	Amps	Watts	RPM	Vac	Flow	Air
120	_				-Vac						- 120	(Inches)	-	(In)		(In.H2O)	(CFM)	Wat
100 -					-Flow						- 100	2.000	5.9	1282	15417	3.5	97.8	40
100 -		_		-						•	- 100	1.750	5.9	1280	15377	6.1	99.2	72
80 - 60 - 40 -		┺╲						*			- 80	1.500	5.9	1279	15351	10.9	95.4	122
			\leq			*						1.250	5.9	1278	15358	18.9	87.4	195
60 -				$ \rightarrow $	ҝ						- 60 🚽	1.125	5.9	1272	15419	25.0	81.2	238
				癶							Air Flow-CFM	1.000	5.8	1259	15550	32.9	73.3	28
40 -					◥	_					-40 [₹]	0.875	5.7	1241	15719	42.9	63.9	32
		×	1		י							0.750	5.5	1209	16005	54.7	52.7	33
20 -									_		- 20	0.625	5.3	1146	16526	65.8	40.0	30
								1	└┤∎	┶┓│		0.500	4.9	1071	17221	77.1	27.6	25
													4 5	004	40007	07.0	40.0	17
0 -		0 2	- <u>-</u>	0	5	0 1	<u>،</u> ۲	0 0	0	+ - +	- 0	0.375	4.5	984	18087	87.9	16.6	17
0 +	0.000	0.375	0.625	0.750	0.875	1.000	1.125	1.250	1.750	2.000	- 0	0.375	4.5 4.1	984 903	18087	87.9 97.7	8.1	
0 +	0.000	0.375	0.625		928.0 ameter (1.250	1.750	2.000	- 0							93
0 -		0.375		Drifice Dia	ameter ((Inches)		1.250	1.750	5.000	- 0	0.250	4.1	903	18983	97.7	8.1	93 0
3000	0.000	0.375		Drifice Dia	ameter (Inches)		1.500	1.750	2.000		0.250	4.1 3.7	903 835	18983 19980	97.7 110.0	8.1 0.0	9: 0 Ai
3000		0.375		Drifice Dia	ameter ((Inches)		1.250	1.750	5.000	- 50	0.250 0.000 Orifice	4.1 3.7	903 835 Watts	18983 19980	97.7 110.0 Vac	8.1 0.0 Flow	90 0 Ai Wa
3000		0.500		Drifice Dia	ameter (Inches)		1.250	1.750	2.000	- 50 - 45 - 40 - 35	0.250 0.000 Orifice (mm)	4.1 3.7 Amps	903 835 Watts (In)	18983 19980 RPM	97.7 110.0 Vac (mm H2O)	8.1 0.0 Flow (L/Sec)	93 0 Ai Wat
3000		0.375		Drifice Dia	ameter (Inches)		1.250	1.750	5.000	- 50 - 45 - 40 - 35	0.250 0.000 Orifice (mm) 48.0	4.1 3.7 Amps 5.9	903 835 Watts (In) 1281	18983 19980 RPM 15399	97.7 110.0 Vac (mm H2O) 118	8.1 0.0 Flow (L/Sec) 46.5	93 0 Ai Wat 54
3000 2500 2000		0.375		Drifice Dia	ameter (Inches)		1.250	1.750	5.000	- 50 - 45 - 40 - 35	0.250 0.000 Orifice (mm) 48.0 40.0	4.1 3.7 Amps 5.9 5.9	903 835 Watts (In) 1281 1279	18983 19980 RPM 15399 15359	97.7 110.0 Vac (mm H2O) 118 240	8.1 0.0 Flow (L/Sec) 46.5 45.6	93 0 Ai Wa t 5 ² 10 21
3000 2500 2000		0.375		Drifice Dia	ameter (Inches)		1.250	1.750	2:000	- 50 - 45 - 40 - 35	0.250 0.000 Orifice (mm) 48.0 40.0 30.0	4.1 3.7 Amps 5.9 5.9 5.9 5.9	903 835 Watts (In) 1281 1279 1275	18983 19980 RPM 15399 15359 15392	97.7 110.0 Vac (mm H2O) 118 240 565	8.1 0.0 Flow (L/Sec) 46.5 45.6 39.6	93 0 Ai 54 10 21 31
3000 2500 2000 1500		0.375		Drifice Dia	ameter (Inches)		1.250	1.750	2.000	50 45 40 35 30 57 - 00 25 - 00 20 4 20	0.250 0.000 Orifice (mm) 48.0 40.0 30.0 23.0	4.1 3.7 Amps 5.9 5.9 5.9 5.9 5.8	903 835 Watts (In) 1281 1279 1275 1246	18983 19980 RPM 15399 15359 15392 15677	97.7 110.0 Vac (mm H2O) 118 240 565 1026	8.1 0.0 Flow (L/Sec) 46.5 45.6 39.6 31.3	93 0 Ai 54 10 211 311
3000 2500 2000		0.375		Drifice Dia	ameter (Inches)		1.250	1.750	2.000	50 45 40 35 25 30 5 20 4 15	0.250 0.000 Orifice (mm) 48.0 40.0 30.0 23.0 19.0	4.1 3.7 Amps 5.9 5.9 5.9 5.9 5.8 5.8 5.5	903 835 Watts (In) 1281 1279 1275 1246 1208	18983 19980 RPM 15399 15359 15392 15677 16015	97.7 110.0 Vac (mm H2O) 118 240 565 1026 1395	8.1 0.0 Flow (L/Sec) 46.5 45.6 39.6 31.3 24.8	93 0 Ai Wat 54 10 211 311 333 311
3000 2500 2000 1500		0.375		Drifice Dia	ameter (Inches)		1.250	1.750	2.000	- 50 - 45 - 40 - 35 - 30 	0.250 0.000 Orifice (mm) 48.0 40.0 30.0 23.0 19.0 16.0	4.1 3.7 Amps 5.9 5.9 5.9 5.9 5.9 5.8 5.5 5.3	903 835 Watts (In) 1281 1279 1275 1246 1208 1149	18983 19980 RPM 15399 15359 15392 15677 16015 16505	97.7 110.0 Vac (mm H2O) 118 240 565 1026 1395 1660	8.1 0.0 Flow (L/Sec) 46.5 45.6 39.6 31.3 24.8 19.1	93 0 Ai 54 10 21 31 31 33 310 25
3000 2500 2000 1500 1000		0.375		Drifice Dia	ameter (Inches)		1.250	1.750	2.000	50 45 40 35 25 30 5 20 4 15	0.250 0.000 Orifice (mm) 48.0 40.0 30.0 23.0 19.0 16.0 13.0	4.1 3.7 Amps 5.9 5.9 5.9 5.9 5.9 5.8 5.5 5.3 4.9	903 835 Watts (In) 1281 1279 1275 1246 1208 1149 1079	18983 19980 RPM 15399 15359 15392 15677 16015 16505 17152	97.7 110.0 Vac (mm H2O) 118 240 565 1026 1395 1660 1930	8.1 0.0 Flow (L/Sec) 46.5 45.6 39.6 31.3 24.8 19.1 13.6	Aii 93 0 Wat 54 10 219 311 331 310 256 183 97

* 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:	85.0"	ORIFICE:	7/8"	Minimum Vacuum:	39.0"	Maximum Watts:	1250	l
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PRODUCT BULLETIN



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.

