

## LAMB ELECTRIC

### Lamb Electric Vacuum Motor Catalog Listing Listed by Motor Diameter and Type

Model	Type	Volts	Diameter		Brg	Stg	A/S	E	DI	Rating Watts	Sealed Vac		Air Watts	Air Flow	
			Inch	mm							Inch	mm		CFM	L/Sec

### HAZARDOUS DUTY PERIPHERAL BYPASS DISCHARGE VACUUM MOTORS

#### 7.5"/191mm 2-Stage Hazardous Duty Peripheral Bypass Discharge

114560	HAZ	120	7.5	191	B/B	2				1200	67.7	1720	321	142.3	65.5
114586	HAZ	120	7.5	191	B/B	2				1200	67.7	1720	321	142.3	65.5
114587	HAZ	230	7.5	191	B/B	2				1000	58.0	1473	241	129.9	59.7
114589	HAZ	230	7.5	191	B/B	2				1000	58.0	1473	241	129.9	59.7

### PERIPHERAL BYPASS DISCHARGE VACUUM MOTORS

#### 4.8"/122mm 1-Stage Peripheral Bypass Discharge

116554-50	BPP	240	4.8	122	B/S	1				700	44.5	1131	168	91.0	42.7
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#### 5.7"/145mm 2-Stage Low-Voltage Peripheral Bypass Discharge

116155-00	BPP	24	5.7	145	B/B	2	Y	Y		N/A	43.6	1107	98	68.2	31.7
116555-13	BPP	24	5.7	145	B/B	2	Y	Y		N/A	48.3	1227	108	66.2	31.0
116156-00/01	BPP	36	5.7	145	B/B	2	Y	Y		N/A	47.3	1201	113	70.7	33.6
116406-13	BPP	36	5.7	145	B/B	2	Y	Y		N/A	62.0	1575	163	77.0	36.3
116556-13	BPP	36	5.7	145	B/B	2	Y	Y		N/A	52.6	1336	129	75.2	35.3

#### 5.7"/145mm 3-Stage Low-Voltage Peripheral Bypass Discharge

116514-13	BPP	24	5.7	145	B/B	3	Y	Y		N/A	67.2	1707	142	69.0	32.4
116512-13	BPP	36	5.7	145	B/B	3	Y	Y		N/A	74.1	1882	186	78.5	36.6

#### 5.7"/145mm 1-Stage Peripheral Bypass Discharge

116325-00	BPP	120	5.7	145	B/S	1				650	50.1	1273	188	95.0	44.6
116271-00	BPP	240	5.7	145	B/S	1				850	57.2	1453	233	102.1	47.7

#### 5.7"/145mm 2-Stage Peripheral Bypass Discharge

116396-50	BPP	120	5.7	145	B/S	2				750	80.4	2042	270	102.0	47.7
117396-00	BPP	230	5.7	145	B/B	2				1200	95.9	2436	437	125.5	59.0
116110-00/01/03	BPP	240	5.7	145	B/B	2				1100	97.8	2484	355.1	102.7	48.5
116125-01	BPP	240	5.7	145	B/B	2				750	76.2	1935	220	87.7	40.7
116336-00/01	BPP	120	5.7	145	B/B	3	Y	Y		900	84.3	2141	274	94.0	44.4
116354-00/13	BPP	240	5.7	145	B/B	2	Y	Y		1200	100.4	2550	428	128.7	60.2
116413-13	BPP	240	5.7	145	B/B	2	Y	Y		1100	94.6	2403	358	106.5	49.9
116471-00/13	BPP	120	5.7	145	B/B	2	Y	Y		1200	106.7	2710	404	112.0	52.7

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			Inch	mm							Inch	mm		CFM	L/Sec

#### PERIPHERAL BYPASS DISCHARGE VACUUM MOTORS

##### 5.7"/145mm 3-Stage Peripheral Bypass Discharge

116566-00/13	BPP	120	5.7	145	B/B	3				1300	117.4	2982	368	99.0	46.5
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##### 7.2"/183mm 2-Stage Peripheral Bypass Discharge

115330	BPP	120	7.2	183	B/B	2				1500	113.4	2880	399	115.7	54.0
115962	BPP	120	7.2	183	B/B	2	Y	Y		1400	104.6	2657	376	113.9	53.2
115519	BPP	240	7.2	183	B/B	2				1200	97.2	2469	324	107.3	49.5
115963	BPP	240	7.2	183	B/B	2	Y	Y		1000	88.7	2253	301	104.8	49.1

##### 7.2"/183mm 3-Stage Peripheral Bypass Discharge

116118-00	BPP	120	7.2	183	B/B	3	Y	Y		1400	131.4	3338	447	105.0	48.9
116139-00	BPP	240	7.2	183	B/B	3	Y	Y		1400	128.1	3254	391	95.5	44.8

##### 7.5"/191mm 3-Stage Low-Voltage Peripheral Bypass Discharge

114922	BPP	24	7.5	191	B/B	3				N/A	73.7	1872	268	113.3	52.6
117227-00	BPP	36	7.5	191	B/B	3				N/A	87.6	2225	361	124.8	57.9
115419	BPP	48	7.5	191	B/B	3				N/A	86.7	2202	379	128.2	59.8

##### 7.5"/191mm 2-Stage Peripheral Bypass Discharge

114786	BPP	120	7.5	191	B/B	2				1100	73.9	1877	334	133.2	61.6
114788	BPP	240	7.5	191	B/B	2				1000	79.9	2029	359	134.5	62.3

##### 7.5"/191mm 3-Stage Peripheral Bypass Discharge

114787	BPP	120	7.5	191	B/B	3				1200	88.1	2238	359	126.4	58.9
114789	BPP	240	7.5	191	B/B	3				1000	84.5	2146	354	122.0	57.2

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			Inch	mm							Inch	mm		CFM	L/Sec

#### TANGENTIAL BYPASS DISCHARGE VACUUM MOTORS

##### 5.7"/145mm 2-Stage Low-Voltage Tangential Bypass Discharge

116157-00/29/32	BPT	24	5.7	145	B/B	2	Y	Y		N/A	43.6	1107	98	68.2	31.7
116158-00/01	BPT	36	5.7	145	B/B	2	Y	Y		N/A	47.3	1201	113	72.0	33.7
116409-13/29	BPT	36	5.7	145	B/B	2	Y	Y		N/A	62.8	1595	163	77.0	36.3

##### 5.7"/145mm 3-Stage Low-Voltage Tangential Bypass Discharge

116515-13/29/32	BPT	24	5.7	145	B/B	3	Y	Y		N/A	67.6	1717	142	69.0	32.4
116513-13/29/32	BPT	36	5.7	145	B/B	3	Y	Y		N/A	74.0	1880	185	76.0	35.9

##### 5.7"/145mm 1-Stage Tangential Bypass Discharge

116520-50	BPT	120	5.7	145	B/S	1				650	47.8	1213	156.5	92.6	43.3
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##### 5.7"/145mm 2-Stage Tangential Bypass Discharge

116114-00	BPT	120	5.7	145	B/B	2	Y	Y		1000	91.3	2319	300	104.0	48.5
116207-00	BPT	120	5.7	145	B/B	2		Y		1000	91.3	2319	300	104.0	48.5
116392-00/01	BPT	120	5.7	145	B/B	2	Y	Y		900	81.8	2078	250	97.0	45.6
116472-00/13	BPT	120	5.7	145	B/B	2				1200	106.7	2710	404	112.0	52.7
116474-00	BPT	120	5.7	145	B/B	2				1100	92.5	2350	301	97.9	46.1
117073-00/37	BPT	120	5.7	145	B/B	2				1300	101.3	2573	353	110.6	51.2
117100-00	BPT	120	5.7	145	B/B	2				1400	114.6	2911	389	104.4	49.0
117795-00	BPT	120	5.7	145	B/B	2				1300	111.0	2819	412	111.9	52.4
116077-13	BPT	220	5.7	145	B/B	2	Y	Y	Y	1100	93.5	2375	308	97.3	46.0
116353-00	BPT	220	5.7	145	B/B	2				1200	94.0	2388	358	113.2	52.7
117275-00	BPT	230	5.7	145	B/B	2				1100	92.6	2352	414	126.1	59.3
115961	BPT	240	5.7	145	B/B	2				1100	101.8	2586	340	107.3	50.4
116213-00	BPT	240	5.7	145	B/B	2				1100	97.4	2474	304	99.1	46.7
116255-00/01/11	BPT	240	5.7	145	B/B	2	Y	Y		1100	96.1	2440	325.4	110.5	51.6
116355-00/11/29/32	BPT	240	5.7	145	B/B	2				1200	97.0	2464	377	121.0	56.3
116414-13	BPT	240	5.7	145	B/B	2	Y	Y		1000	89.2	2266	332	109.4	51.1
116420-13/32	BPT	240	5.7	145	B/B	2	Y	Y		1000	92.1	2339	315	106.8	50.1
116657-00	BPT	240	5.7	145	B/B	2				1100	91.8	2332	303	105.5	49.5
117101-00	BPT	240	5.7	145	B/B	2				1400	110.3	2802	396	104.0	48.9
117796-00	BPT	240	5.7	145	B/B	2				1400	112.4	2855	412	112.6	52.5

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			Inch	mm							Inch	mm		CFM	L/Sec

### TANGENTIAL BYPASS DISCHARGE VACUUM MOTORS

#### 5.7"/145mm 3-Stage Tangential Bypass Discharge

116753-00/13	BPT	100	5.7	145	B/B	3				1100	108.3	2751	319	93.4	43.2
116565-00/13/	BPT	120	5.7	145	B/B	3				1300	117.4	2982	368	99.0	46.5
116765-00/13	BPT	120	5.7	145	B/B	3				1500	136.0	3454	465	95.3	44.7
116859-00/13	BPT	240	5.7	145	B/B	3				1200	116.7	2964	348	94.0	44.2
117123-00/13	BPT	240	5.7	145	B/B	3				1500	137.1	3482	448	95.1	44.7

#### 5.7"/145mm 4-Stage Tangential Bypass Discharge

119292-00	BPT	120	5.7	145	B/B	4				N/A	170.9	4341	301	59.2	27.8
117246-00	BPT	230	5.7	145	B/B	4				N/A	169.5	4305	299	58.1	27.2

#### 7.2"/183mm 2-Stage Low-Voltage Tangential Bypass Discharge

117504-13	BPT	24	7.2	183	B/B	2	Y	Y		N/A	82.7	2101	248	87.8	41.0
117778-13	BPT	24	7.2	183	B/B	2	Y	Y		N/A	72.1	1831	209	87.7	41.0
117505-13	BPT	36	7.2	183	B/B	2	Y	Y		N/A	84.8	2154	254	81.5	38.2

#### 7.2"/183mm 2-Stage Tangential Bypass Discharge

115334	BPT	120	7.2	183	B/B	2				1400	110.0	2794	384	102.7	48.3
115937	BPT	120	7.2	183	B/B	2	Y	Y		1400	110.1	2797	392	105.4	49.0
117465-00/13	BPT	120	7.2	183	B/B	2				1300	112.8	2865	396	107.0	49.9
117467-00/13	BPT	120	7.2	183	B/B	2				1400	134.0	3404	403	92.1	43.4
117478-12	BPT	120	7.2	183	B/B	2		Y		1600	120.1	3051	549	115.8	54.3
117549-12	BPT	120	7.2	183	B/B	2		Y		1400	125.4	3185	483	111.4	51.9
117525-00	BPT	230	7.2	183	B/B	2				1400	132.4	3363	480	107.0	50.5
115684	BPT	240	7.2	183	B/B	2				1200	110.0	2794	338	99.2	46.5
115950	BPT	240	7.2	183	B/B	2	Y	Y		1400	112.5	2858	358	105.1	49.4
117157-00/13	BPT	240	7.2	183	B/B	2	Y	Y		1400	122.0	3099	437	104.9	49.5
117480-12	BPT	240	7.2	183	B/B	2		Y		1600	129.3	3284	601	120.6	56.5
117572-12	BPT	240	7.2	183	B/B	2		Y		1500	123.6	3139	482	113.9	53.3

#### 7.2"/183mm 3-Stage Tangential Bypass Discharge

117503-12	BPT	100	7.2	183	B/B	3		Y		1400	132.2	3358	435.6	92.9	43.5
116103-00	BPT	120	7.2	183	B/B	3	Y	Y		1400	134.0	3404	403	92.1	43.4
116119-00	BPT	120	7.2	183	B/B	3				1400	135.0	3429	438	94.3	44.5
117470-12	BPT	120	7.2	183	B/B	3		Y		1400	135.0	3429	426	98.5	46.3
117500-12/13	BPT	120	7.2	183	B/B	3	Y	Y		1600	145.9	3706	530	102.5	48.0
117507-00/13	BPT	120	7.2	183	B/B	3	Y	Y		1500	134.1	3406	406	94.0	44.4

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			Inch	mm							Inch	mm		CFM	L/Sec

#### TANGENTIAL BYPASS DISCHARGE VACUUM MOTORS

117501-12	BPT	230	7.2	183	B/B	3		Y		1600	147.1	3736	562	104.2	49.2
117741-00/13/37	BPT	230	7.2	183	B/B	3	Y	Y		1300	134.5	3416	392	88.3	41.7
116117-00	BPT	240	7.2	183	B/B	3				1400	121.9	3096	352	92.9	43.4

#### 7.2"/183mm 3-Stage Tangential Bypass Discharge

116136-00	BPT	240	7.2	183	B/B	3	Y	Y		1400	129.0	3277	404	97.3	45.6
117472-12	BPT	240	7.2	183	B/B	3		Y		1400	139.8	3551	448	100.2	46.9
117502-12/13	BPT	240	7.2	183	B/B	3		Y		1600	145.6	3698	521	103.2	48.3
117743-00/13	BPT	240	7.2	183	B/B	3	Y	Y		1300	129.5	3289	373	79.2	38.6

#### 7.2"/183mm 3-Stage Tangential Bypass Discharge Brushless DC

117728-00	BDC	240	7.2	183	B/B	3				1400	123.1	3127	422	91.7	43.3
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			Inch	mm							Inch	mm		CFM	L/Sec

### ACUSTEK® LOW-NOISE PERIPHERAL BYPASS DISCHARGE VACUUM MOTORS

#### 5.7"/145mm 2-Stage Low-Voltage ACUSTEK® Peripheral Bypass Discharge

116599-13	QBP	24	5.7	145	B/B	2	Y	Y		N/A	48.5	1232	102	65.1	30.7
116597-13	QBP	36	5.7	145	B/B	2	Y	Y		N/A	63.8	1621	154	78.0	37.0

#### 5.7"/145mm 3-Stage Low-Voltage ACUSTEK® Peripheral Bypass Discharge

116598-01/13	QBP	24	5.7	145	B/B	3	Y	Y		N/A	70.5	1791	154	68.2	32.0
116596-13/29	QBP	36	5.7	145	B/B	3	Y	Y		N/A	81.8	2078	185	77.1	36.4

#### 5.7"/145mm 2-Stage ACUSTEK® Peripheral Bypass Discharge

116025-13	QBP	120	5.7	145	B/B	2	Y	Y	Y	1000	91.5	2324	293	103.0	48.2
116757-00/13	QBP	120	5.7	145	B/B	2	Y	Y		900	84.9	2156	255	97.0	45.6
116758-13	QBP	120	5.7	145	B/B	2	Y	Y		1000	91.5	2324	293	103.0	48.2
116763-00/13	QBP	120	5.7	145	B/B	2	Y	Y		1300	107.1	2720	387	111.0	52.1
116024-13	QBP	220	5.7	145	B/B	2	Y	Y	Y	850	84.9	1392	255	97.0	53.6
116040-13	QBP	220	5.7	145	B/B	2	Y	Y	Y	1000	90.5	2299	307	103.2	48.3
116091-02	QBP	230	5.7	145	B/B	2	Y	Y	Y	1100	96.9	2461	361	111.3	52.0
116094-02	QBP	230	5.7	145	B/B	2	Y	Y	Y	1100	96.9	2461	361	111.3	52.0
116036-00/13	QBP	240	5.7	145	B/B	2	Y	Y	Y	1000	94.2	2392	349	110.5	52.1
116037-13	QBP	240	5.7	145	B/B	2	Y	Y	Y	1000	94.1	2390	336	109.3	51.3
116038-00/13	QBP	240	5.7	145	B/B	2	Y	Y	Y	750	74.4	1890	232	94.4	44.2
116296-00/13	QBP	240	5.7	145	B/B	2	Y	Y		1000	94.2	2392	349	110.5	52.1
116549-00/13	QBP	240	5.7	145	B/B	2	Y	Y		1200	90.6	2301	332	116.0	53.8
116590-00/13	QBP	240	5.7	145	B/B	2	Y	Y		850	84.4	2144	316	101.1	47.3
117307-13	QBP	240	5.7	145	B/B	2	Y	Y		1100	103.1	2619	347	105.1	49.1

#### 5.7"/145mm 3-Stage ACUSTEK® Peripheral Bypass Discharge

116764-00/13	QBP	120	5.7	145	B/B	3	Y	Y		1300	119.6	3038	382	100.0	47.2
117939-00	QBP	120	5.7	145	B/B	3				1500	138.6	3520	458	101.2	47.5
116945-13	QBP	240	5.7	145	B/B	3	Y	Y		1200	121.1	3076	338	92.6	43.9
117944-00	QBP	240	5.7	145	B/B	3				1500	138.1	3508	444	100.3	47.1

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#### THRU-FLOW DISCHARGE VACUUM MOTORS

##### 5.1"/130mm 1-Stage Thru-Flow Discharge

117317-00	TF	120	5.1	130	B/B	1				900	78.8	2002	371	130.2	60.2
117320-00	TF	120	5.1	130	B/B	1				1000	83.1	2111	390	133.3	62.0

##### 5.7"/145mm 1-Stage Thru-Flow Discharge

116309-00	TF	120	5.7	145	B/S	1				750	63.0	1600	190	112.0	51.6
116455-50	TF	120	5.7	145	B/S	1				750	63.0	1600	190	112.0	51.6
117737-00	TF	230	5.7	145	B/B	1				1000	91.0	2311	404	125.5	58.4
116310-00	TF	240	5.7	145	B/S	1				850	69.3	1760	225	117.0	53.9
116668-50	TF	240	5.7	145	B/S	1				750	67.0	1702	219	106.6	50.8
116882-50	TF	240	5.7	145	B/S	1				850	68.2	1732	223	113.9	52.7
117212-50	TF	240	5.7	145	B/S	1				1000	76.9	1953	349	123.6	58.0

##### 5.7"/145mm Low-Voltage 2-Stage Thru-Flow Discharge

116846-00	TF	24	5.7	145	B/B	2				N/A	47.5	1207	87	65.1	30.6
117363-00	TF	36	5.7	145	B/B	2				N/A	42.9	1090	103	67.0	31.5

##### 5.7"/145mm 2-Stage Thru-Flow Discharge

115923	TF	120	5.7	145	B/B	2				1100	100.4	2550	447	122.0	57.2
116227-00	TF	120	5.7	145	B/B	2				1000	106.9	2715	316	107.0	49.9
116311-00/01	TF	120	5.7	145	B/S	2				850	91.2	2316	245	95.0	44.6
116432-00	TF	120	5.7	145	B/B	2				1200	114.4	2906	365	101.3	47.6
116669-50	TF	120	5.7	145	B/B	2				800	90.2	2291	241	94.0	44.2
116671-50	TF	120	5.7	145	B/S	2				1000	100.0	2540	321	104.0	49.1
117468-00	TF	120	5.7	145	B/B	2				1200	112.7	2863	369	109.9	51.5
116344-00/11	TF	220	5.7	145	B/B	2				1000	100.9	2563	343	110.8	51.9
116438-00	TF	220	5.7	145	B/B	2				750	74.9	1902	230	96.1	45.2
116312-00	TF	240	5.7	145	B/B	2				1000	98.6	2504	281	106.5	49.4
116343-00	TF	240	5.7	145	B/B	2				1000	103.0	2616	346	109.0	51.3
116437-00	TF	240	5.7	145	B/B	2				850	87.5	2223	263	97.1	45.8
116604-00	TF	240	5.7	145	B/B	2				1100	101.5	2578	343	114.8	54.1
116670-50	TF	240	5.7	145	B/S	2				1000	98.6	2504	294	108.9	50.7