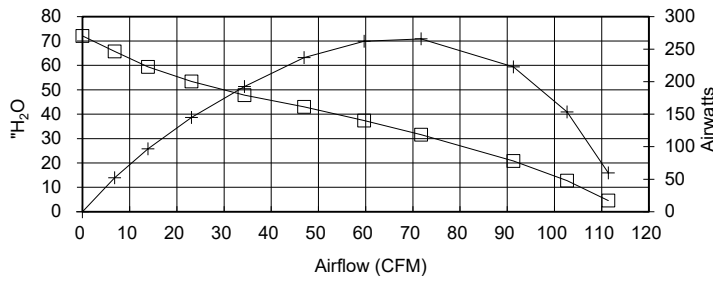
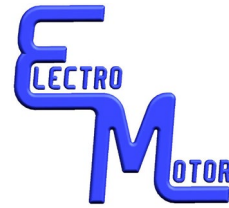


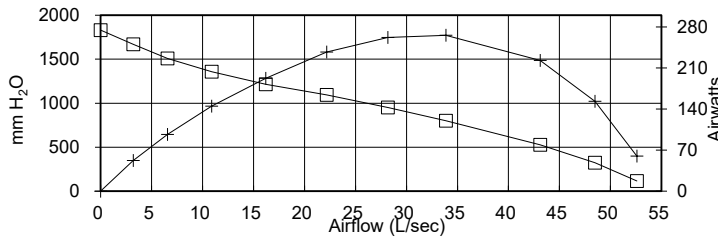
6500-308
AIRFLOW
PERFORMANCE

Volts = 120



ORIFICE (Inches)	SUCTION (H ₂ O)	INPUT WATTS	AMPS	RPM'S	CORR. SUCTION (H ₂ O)	AIR FLOW (CFM)	CORR. INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
2	4.41	895	7.7	21,941	4.6	111.4	919	59.75	0.080	6.50
1.5	12.28	901	7.8	21,869	12.7	102.7	926	153.36	0.206	16.57
1.25	20.06	903	7.8	21,804	20.8	91.3	928	222.78	0.299	24.01
1	30.45	883	7.6	22,239	31.6	71.8	907	265.74	0.356	29.29
0.875	36.10	860	7.4	22,710	37.4	59.7	883	262.04	0.351	29.68
0.75	41.54	828	7.1	23,420	43.0	47.0	850	237.19	0.318	27.90
0.625	46.13	790	6.7	24,264	47.8	34.3	811	192.44	0.258	23.72
0.5	51.56	749	6.3	25,382	53.4	23.1	769	144.82	0.194	18.83
0.375	57.34	698	5.9	26,622	59.4	13.9	717	96.91	0.130	13.51
0.25	63.40	653	6.5	28,001	65.7	6.8	671	52.41	0.070	7.82
0	69.57	622	5.2	28,953	72.1	0.0	639	0.00	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: 269.16



Metric Data					CORR. SUCTION (mm H ₂ O)	AIR FLOW (L/sec)	CORR. INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
ORIFICE (mm)	SUCTION (mm H ₂ O)	INPUT WATTS	AMPS	RPM'S						
50.8	112	895	7.7	21,941	116	52.6	919	59.8	0.080	6.50
38.1	312	901	7.8	21,869	323	48.5	926	153.4	0.206	16.57
31.8	510	903	7.8	21,804	528	43.1	928	222.8	0.299	24.01
25.4	773	883	7.6	22,239	802	33.9	907	265.7	0.356	29.29
22.2	917	860	7.4	22,710	950	28.2	883	262.0	0.351	29.68
19.1	1055	828	7.1	23,420	1093	22.2	850	237.2	0.318	27.90
15.9	1172	790	6.7	24,264	1214	16.2	811	192.4	0.258	23.72
12.7	1310	749	6.3	25,382	1357	10.9	769	144.8	0.194	18.83
9.5	1456	698	5.9	26,622	1509	6.6	717	96.9	0.130	13.51
6.4	1610	653	6.5	28,001	1669	3.2	671	52.4	0.070	7.82
0.0	1767	622	5.2	28,953	1831	0.0	639	0.0	0.000	0.00

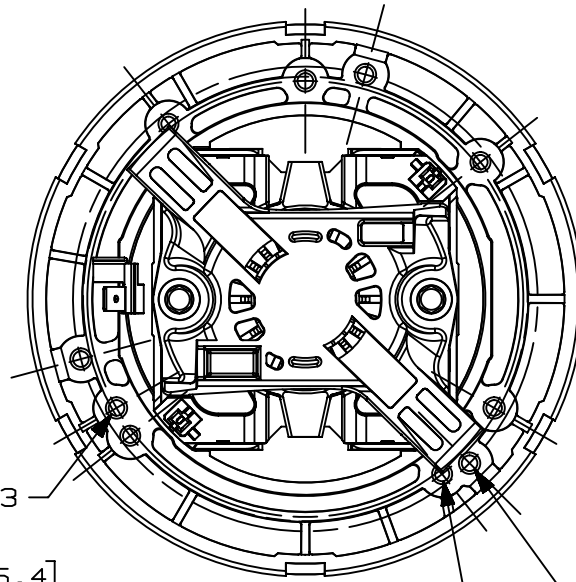
POLYNOMIAL PEAK AIRWATTS: 269.16

ORIFICE (mm)	SUCTION (kPa)	INPUT WATTS	AMPS	RPM'S	CORR. SUCTION (kPa)	AIR FLOW (cu m/h)	CORR. INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
50.8	1.098	895	7.7	21,941	1.14	189.31	919	59.8	0.080	6.50
38.1	3.059	901	7.8	21,869	3.17	174.49	926	153.4	0.206	16.57
31.8	4.996	903	7.8	21,804	5.18	155.17	928	222.8	0.299	24.01
25.4	7.584	883	7.6	22,239	7.86	121.93	907	265.7	0.356	29.29
22.2	8.991	860	7.4	22,710	9.32	101.42	883	262.0	0.351	29.68
19.1	10.346	828	7.1	23,420	10.72	79.78	850	237.2	0.318	27.90
15.9	11.490	790	6.7	24,264	11.91	58.29	811	192.4	0.258	23.72
12.7	12.842	749	6.3	25,382	13.31	39.24	769	144.8	0.194	18.83
9.5	14.282	698	5.9	26,622	14.80	23.61	717	96.9	0.130	13.51
6.4	15.791	653	6.5	28,001	16.36	11.55	671	52.4	0.070	7.82
0.0	17.328	622	5.2	28,953	17.96	0.00	639	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: 269.16

Standard performance data is typical for a motor from a large production quantity. An individual motor's performance will vary due to normal manufacturing variations. Test standards @ 120 volts, corrected to standard atmospheric conditions: Minimum sealed vacuum = 64.89 in H₂O, 1648 mm H₂O or 16.16 kPa, Maximum open watts = 1038 watts.

**Models:
6500-308
6500-309**

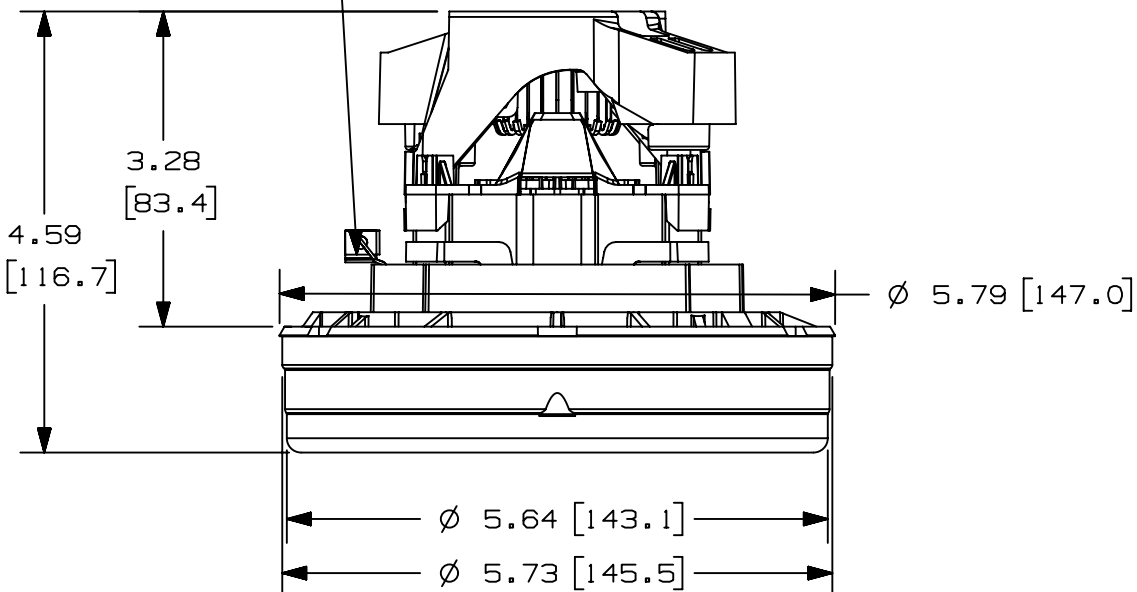


ϕ 0.163 [4.14] X3
EQUALLY SPACED
ON A ϕ 4.54 [115.4]
BOLT CIRCLE

ϕ 0.150 [3.81] X4
EQUALLY SPACED
ON A ϕ 4.63 [117.6]
BOLT CIRCLE

ϕ 0.163 [4.14] X3
EQUALLY SPACED
ON A ϕ 4.84 [122.9]
BOLT CIRCLE

GROUNDING OPTIONS:
USE 0.250 x .032 MALE
OR DRILL AND TAP
USING 8-32 SCREW



Note: Dimensions are for reference only and subject to change.
Tolerances of up to +/- .040" (1.0mm) can be expected.