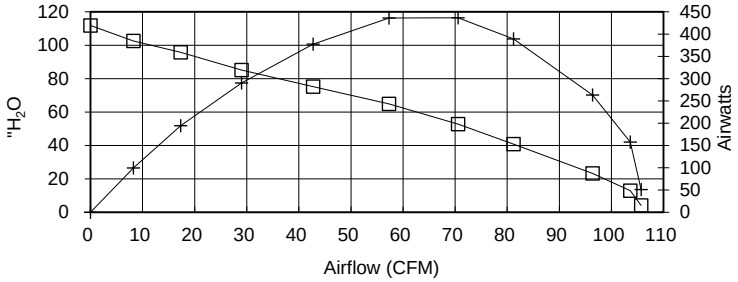
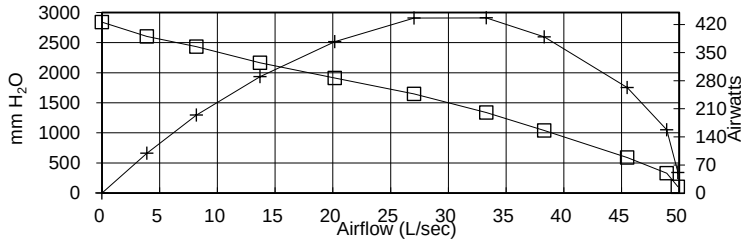
Date Last Modified: 5/25/2005

Q6600-004T-MP
AIRFLOW PERFORMANCE

Volts = 120



ORIFICE (Inches)	SUCTION ("H_2O)	INPUT WATTS	AMPS	RPM'S	CORR. SUCTION ("H_2O)	AIR FLOW (CFM)	CORR. INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
2	3.92	1350	11.9	22,080	4.1	105.7	1397	50.86	0.068	3.64
1.5	12.40	1352	11.9	21,960	13.0	103.6	1399	157.76	0.211	11.28
1.25	22.24	1362	12.0	21,960	23.3	96.4	1409	263.17	0.353	18.68
1	39.04	1364	12.0	21,960	40.8	81.2	1411	389.08	0.522	27.57
0.875	50.40	1354	11.9	21,960	52.7	70.6	1401	436.52	0.585	31.16
0.75	62.00	1320	11.6	22,380	64.9	57.3	1366	436.06	0.585	31.93
0.625	71.92	1264	11.1	22,980	75.2	42.7	1308	377.15	0.506	28.84
0.5	81.44	1184	10.3	23,880	85.2	29.0	1225	289.92	0.389	23.67
0.375	91.52	1098	9.5	24,960	95.7	17.3	1136	194.53	0.261	17.13
0.25	98.00	1032	8.9	26,040	102.5	8.3	1068	99.28	0.133	9.30
0	106.88	974	8.4	26,880	111.8	0.0	1008	0.00	0.000	0.00
	POLYNOMIAL PEAK AIRWATTS: 440.81									



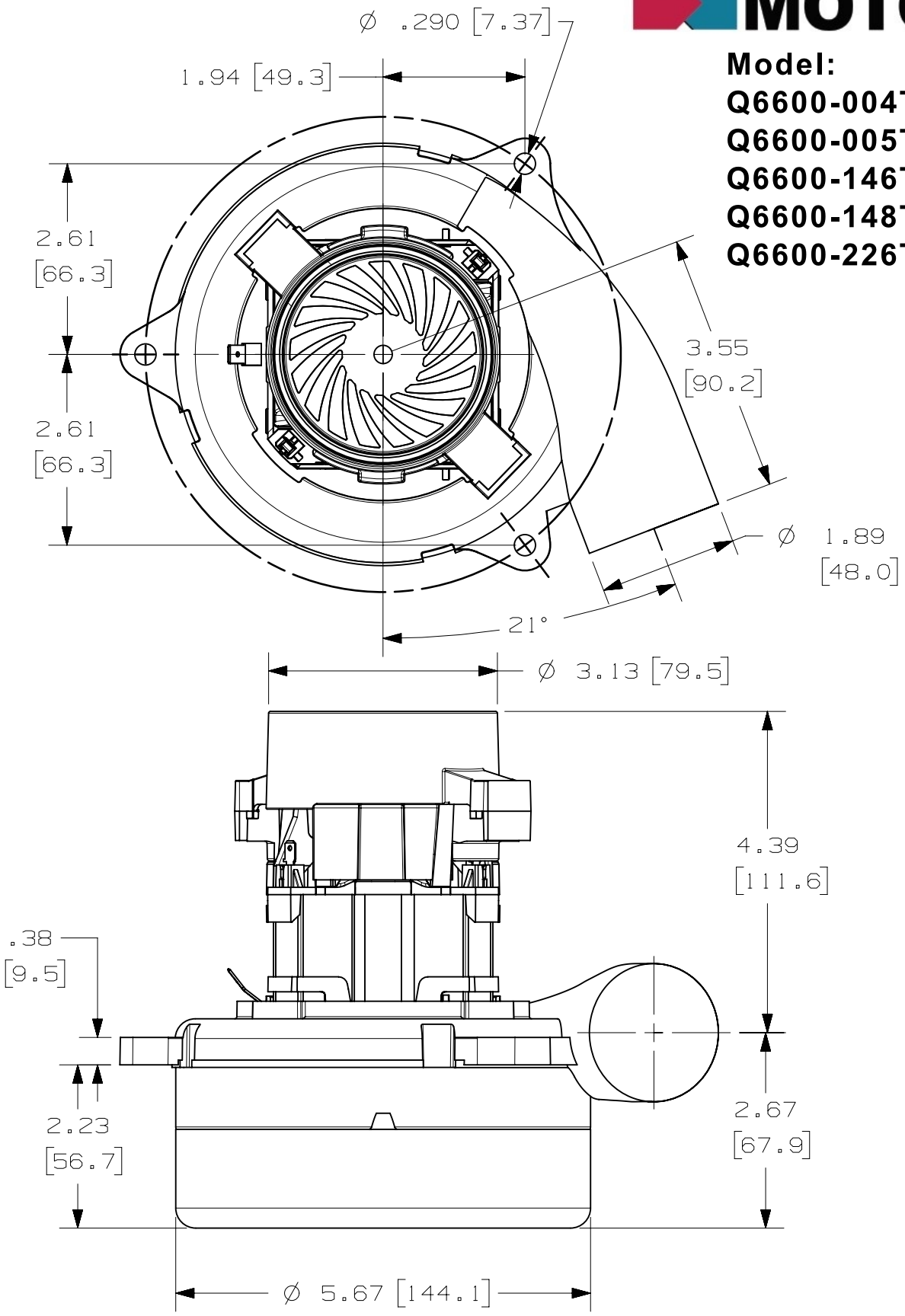
Metric Data					CORR.	AIR	CORR.			
ORIFICE (mm)	SUCTION (mm H_2O)	INPUT WATTS	AMPS	RPM'S	SUCTION (mm H_2O)	FLOW (L/sec)	INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
50.8	100	1350	11.9	22,080	104	49.9	1397	50.9	0.068	3.64
38.1	315	1352	11.9	21,960	329	48.9	1399	157.8	0.211	11.28
31.8	565	1362	12.0	21,960	591	45.5	1409	263.2	0.353	18.68
25.4	992	1364	12.0	21,960	1037	38.3	1411	389.1	0.522	27.57
22.2	1280	1354	11.9	21,960	1339	33.3	1401	436.5	0.585	31.16
19.1	1575	1320	11.6	22,380	1647	27.0	1366	436.1	0.585	31.93
15.9	1827	1264	11.1	22,980	1911	20.2	1308	377.2	0.506	28.84
12.7	2069	1184	10.3	23,880	2164	13.7	1225	289.9	0.389	23.67
9.5	2325	1098	9.5	24,960	2432	8.2	1136	194.5	0.261	17.13
6.4	2489	1032	8.9	26,040	2604	3.9	1068	99.3	0.133	9.30
0.0	2715	974	8.4	26,880	2840	0.0	1008	0.0	0.000	0.00
	POLYNOMIAL PEAK AIRWATTS: 440.81									

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	0.976	1350	11.9	22,080	1.02	179.60	1397	50.9	0.068	3.64
38.1	3.088	1352	11.9	21,960	3.23	176.11	1399	157.8	0.211	11.28
31.8	5.539	1362	12.0	21,960	5.79	163.79	1409	263.2	0.353	18.68
25.4	9.724	1364	12.0	21,960	10.17	137.95	1411	389.1	0.522	27.57
22.2	12.553	1354	11.9	21,960	13.13	119.89	1401	436.5	0.585	31.16
19.1	15.442	1320	11.6	22,380	16.15	97.35	1366	436.1	0.585	31.93
15.9	17.913	1264	11.1	22,980	18.74	72.59	1308	377.2	0.506	28.84
12.7	20.284	1184	10.3	23,880	21.22	49.28	1225	289.9	0.389	23.67
9.5	22.795	1098	9.5	24,960	23.84	29.42	1136	194.5	0.261	17.13
6.4	24.409	1032	8.9	26,040	25.53	14.02	1068	99.3	0.133	9.30
0.0	26.620	974	8.4	26,880	27.85	0.00	1008	0.0	0.000	0.00
	POLYNOMIAL PEAK AIRWATTS: 440.81									

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 = 100.62 in H2O, 2556 mm H2O or 25.06 kPa, Maximum open watts = 1578 watts.

ELECTRO MOTOR INC

Model:
Q6600-004T
Q6600-005T
Q6600-146T
Q6600-148T
Q6600-226T



NOTE: Dimensions are for reference only and subject to change.
Tolerances of up to ±.040" (1.0mm) can be expected.