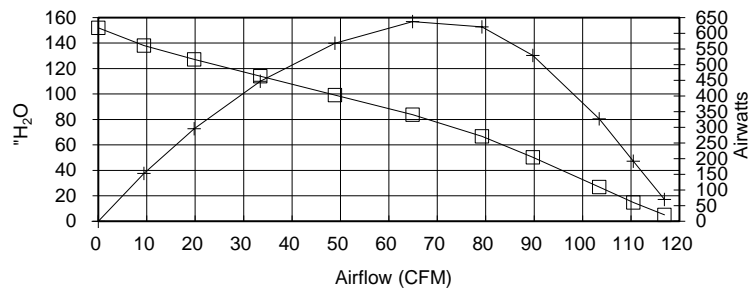


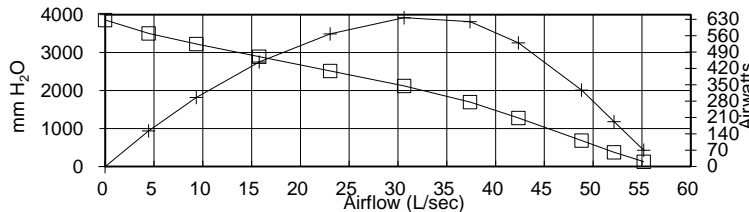
Q6600-083A
AIRFLOW
PERFORMANCE

Volts = 240



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	4.85	1954	8.6	22,110	5.0	116.9	2015	69.27	0.093	3.44
1.5	14.20	1935	8.5	22,122	14.8	110.5	1996	191.81	0.257	9.61
1.25	25.85	1929	8.5	22,082	26.9	103.4	1989	326.96	0.438	16.44
1	48.23	1920	8.4	21,994	50.3	89.7	1980	529.11	0.709	26.72
0.875	64.05	1900	8.3	21,998	66.7	79.2	1959	620.21	0.831	31.66
0.75	80.30	1848	8.1	22,237	83.7	64.9	1906	637.17	0.854	33.43
0.625	95.06	1748	7.6	22,922	99.0	48.9	1803	567.88	0.761	31.50
0.5	109.34	1625	7.1	23,896	113.9	33.5	1676	447.16	0.599	26.69
0.375	122.03	1487	6.4	24,938	127.1	19.8	1534	295.24	0.396	19.25
0.25	132.51	1362	5.9	26,099	138.1	9.4	1404	152.82	0.205	10.88
0	145.83	1259	5.4	27,282	151.9	0.0	1298	0.00	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **638.66**



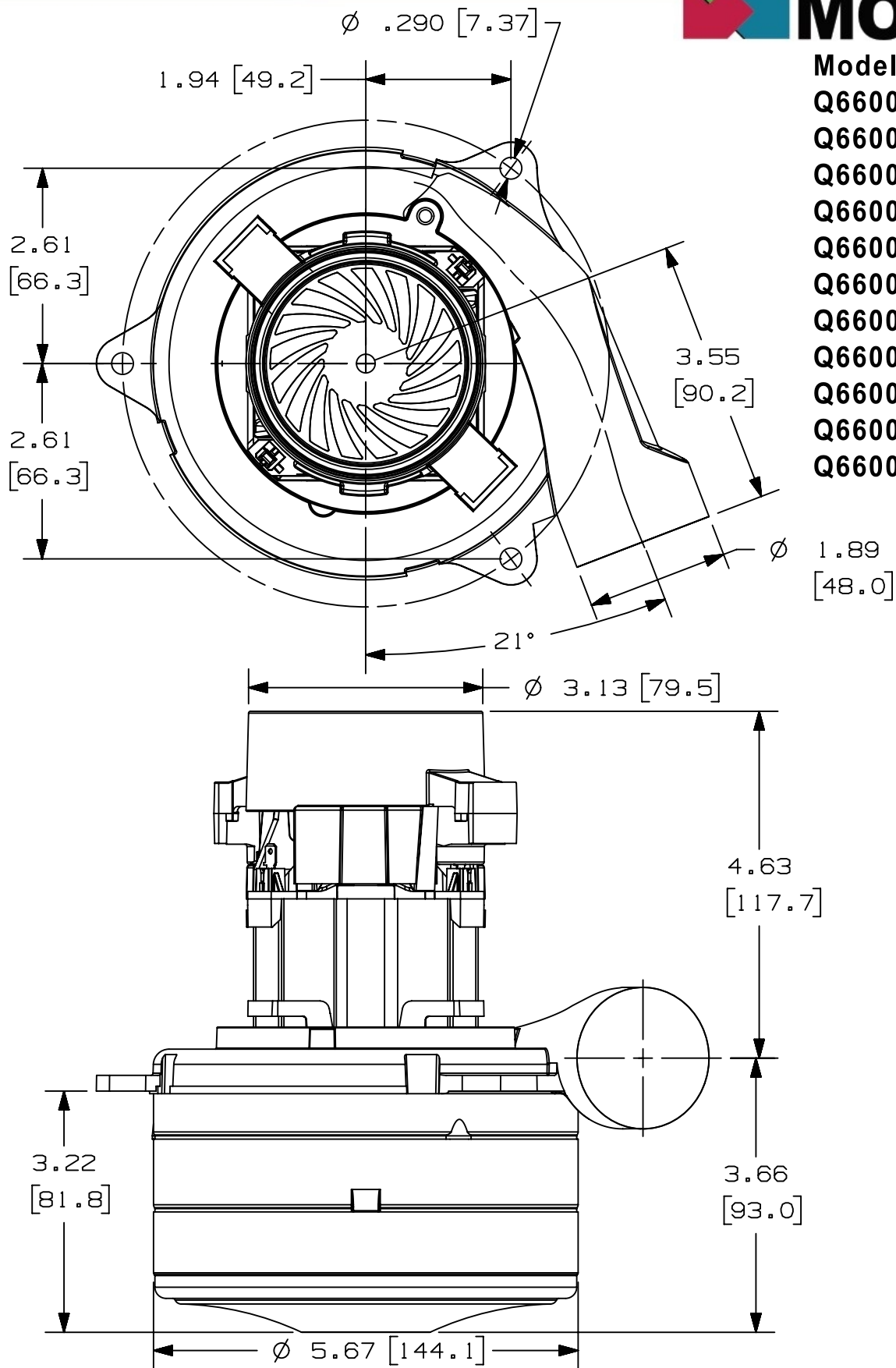
<i>Metric Data</i>					CORR. SUCTION (mm H ₂ O)	AIR FLOW (L/sec)	CORR. INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
ORIFICE (mm)	SUCTION (mm H ₂ O)	INPUT WATTS	AMPS	RPM'S						
50.8	123	1954	8.6	22,110	128	55.2	2015	69.3	0.093	3.44
38.1	361	1935	8.5	22,122	376	52.1	1996	191.8	0.257	9.61
31.8	657	1929	8.5	22,082	684	48.8	1989	327.0	0.438	16.44
25.4	1225	1920	8.4	21,994	1276	42.3	1980	529.1	0.709	26.72
22.2	1627	1900	8.3	21,998	1695	37.4	1959	620.2	0.831	31.66
19.1	2040	1848	8.1	22,237	2125	30.6	1906	637.2	0.854	33.43
15.9	2415	1748	7.6	22,922	2516	23.1	1803	567.9	0.761	31.50
12.7	2777	1625	7.1	23,896	2893	15.8	1676	447.2	0.599	26.69
9.5	3099	1487	6.4	24,938	3229	9.3	1534	295.2	0.396	19.25
6.4	3366	1362	5.9	26,099	3506	4.5	1404	152.8	0.205	10.88
0.0	3704	1259	5.4	27,282	3859	0.0	1298	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **638.66**

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	1.207	1954	8.6	22,110	1.26	198.66	2015	69.3	0.093	3.44
38.1	3.537	1935	8.5	22,122	3.68	187.71	1996	191.8	0.257	9.61
31.8	6.439	1929	8.5	22,082	6.71	175.77	1989	327.0	0.438	16.44
25.4	12.013	1920	8.4	21,994	12.52	152.45	1980	529.1	0.709	26.72
22.2	15.954	1900	8.3	21,998	16.62	134.57	1959	620.2	0.831	31.66
19.1	20.001	1848	8.1	22,237	20.84	110.27	1906	637.2	0.854	33.43
15.9	23.678	1748	7.6	22,922	24.67	83.02	1803	567.9	0.761	31.50
12.7	27.232	1625	7.1	23,896	28.37	56.84	1676	447.2	0.599	26.69
9.5	30.393	1487	6.4	24,938	31.66	33.62	1534	295.2	0.396	19.25
6.4	33.003	1362	5.9	26,099	34.38	16.03	1404	152.8	0.205	10.88
0.0	36.322	1259	5.4	27,282	37.84	0.00	1298	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **638.66**

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 @ 240 volts, corrected to standard atmospheric conditions: Minimum sealed vacuum = 136.74 inH2O, 3473 mmH2O or 34.06 Pa, Maximum open watts = 2277 watts.



Models:
Q6600-046A
Q6600-047A
Q6600-082A
Q6600-083A
Q6600-084A
Q6600-156A
Q6600-167A
Q6600-209A
Q6600-211A
Q6600-227A
Q6600-230A

NOTE: Dimensions are for reference only and subject to change.
Tolerances of up to ± 0.040 " (1.0mm) can be expected.