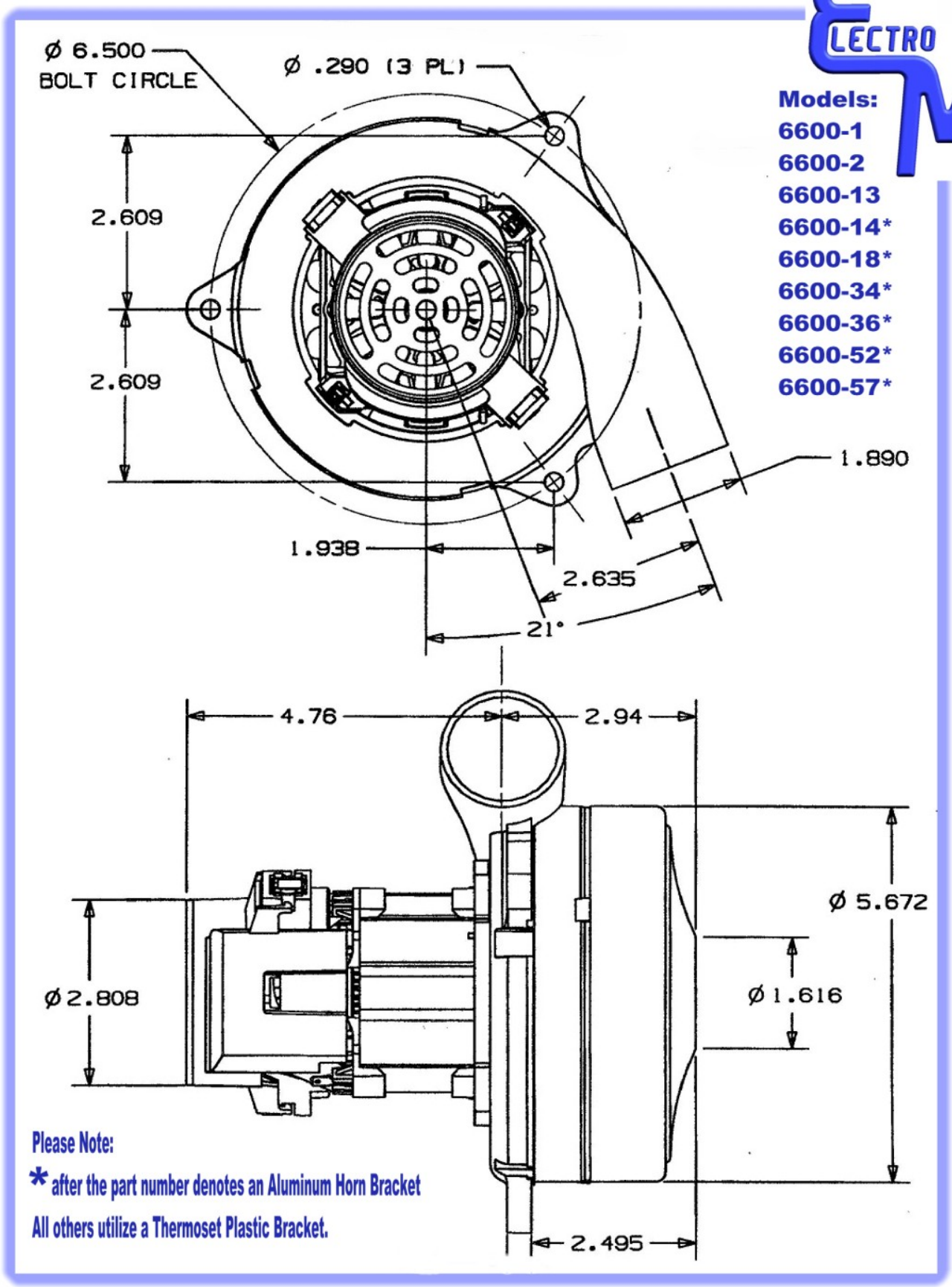
Les Industries Trovac Ltée

FMCY034303



ELECTRO MOTOR

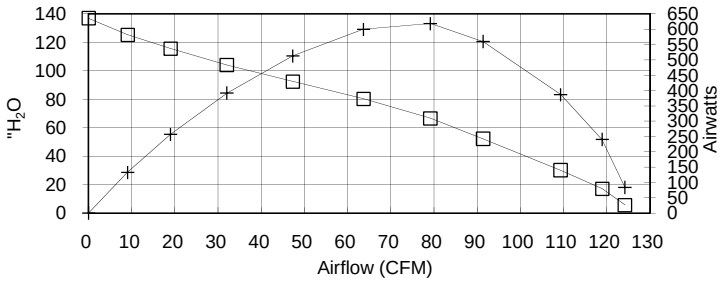
Models:

6600-1
6600-2
6600-13
6600-14*
6600-18*
6600-34*
6600-36*
6600-52*
6600-57*

Date Last Modified: 5/25/2005

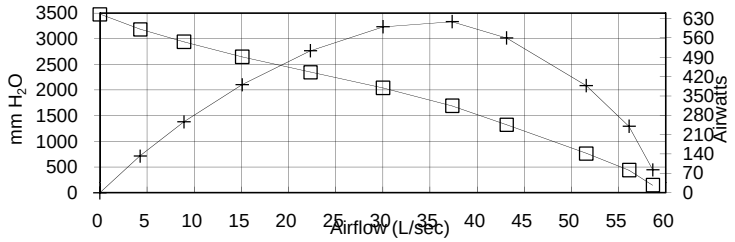
6600-34
AIRFLOW
PERFORMANCE
FMCY034303

Volts = 240



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	**5,49**	**1626**	**6,9**	**24 284**	5,7	124,2	1676	83,32	0,112	4,97
1,5	**16,53**	**1634**	**7,0**	**24 219**	17,2	118,9	1685	240,19	0,322	14,25
1,25	**28,98**	**1636**	**7,0**	**24 157**	30,2	109,3	1686	387,06	0,519	22,95
1	**50,11**	**1640**	**7,0**	**24 167**	52,2	91,4	1690	559,56	0,750	33,10
0,875	**64,00**	**1621**	**6,9**	**24 380**	66,6	79,1	1671	619,00	0,830	37,04
0,75	**77,18**	**1583**	**6,7**	**24 693**	80,4	63,6	1632	600,15	0,804	36,78
0,625	**88,89**	**1508**	**6,4**	**25 496**	92,6	47,3	1554	513,46	0,688	33,03
0,5	**100,06**	**1409**	**5,9**	**26 617**	104,2	32,0	1452	391,47	0,525	26,95
0,375	**111,16**	**1302**	**5,4**	**28 201**	115,8	18,9	1343	257,18	0,345	19,15
0,25	**120,43**	**1216**	**5,0**	**29 650**	125,4	9,0	1253	132,93	0,178	10,61
0	**131,54**	**1144**	**4,7**	**30 770**	137,0	0,0	1179	0,00	0,000	0,00

POLYNOMIAL PEAK AIRWATTS: **626,91**



Metric Data										
ORIFICE (mm)	SUCTION (mm H_2O)	INPUT WATTS	AMPS	RPM'S	CORR. SUCTION (mm H_2O)	AIR FLOW (L/sec)	CORR. INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
50,8	**139**	**1626**	**6,9**	24 284	145	58,6	1676	83,3	0,112	4,97
38,1	**420**	**1634**	**7,0**	24 219	437	56,1	1685	240,2	0,322	14,25
31,8	**736**	**1636**	**7,0**	24 157	766	51,6	1686	387,1	0,519	22,95
25,4	**1273**	**1640**	**7,0**	24 167	1325	43,1	1690	559,6	0,750	33,10
22,2	**1626**	**1621**	**6,9**	24 380	1693	37,4	1671	619,0	0,830	37,04
19,1	**1960**	**1583**	**6,7**	24 693	2041	30,0	1632	600,1	0,804	36,78
15,9	**2258**	**1508**	**6,4**	25 496	2351	22,3	1554	513,5	0,688	33,03
12,7	**2542**	**1409**	**5,9**	26 617	2647	15,1	1452	391,5	0,525	26,95
9,5	**2823**	**1302**	**5,4**	28 201	2940	8,9	1343	257,2	0,345	19,15
6,4	**3059**	**1216**	**5,0**	29 650	3185	4,3	1253	132,9	0,178	10,61
0,0	**3341**	**1144**	**4,7**	30 770	3479	0,0	1179	0,0	0,000	0,00

POLYNOMIAL PEAK AIRWATTS: **626,91**

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	**1,367**	**1626**	**6,9**	**24 284**	1,42	211,04	1676	83,3	0,112	4,97
38,1	**4,117**	**1634**	**7,0**	**24 219**	4,29	202,04	1685	240,2	0,322	14,25
31,8	**7,218**	**1636**	**7,0**	**24 157**	7,52	185,72	1686	387,1	0,519	22,95
25,4	**12,481**	**1640**	**7,0**	**24 167**	13,00	155,27	1690	559,6	0,750	33,10
22,2	**15,940**	**1621**	**6,9**	**24 380**	16,60	134,49	1671	619,0	0,830	37,04
19,1	**19,223**	**1583**	**6,7**	**24 693**	20,02	108,12	1632	600,1	0,804	36,78
15,9	**22,140**	**1508**	**6,4**	**25 496**	23,05	80,32	1554	513,5	0,688	33,03
12,7	**24,922**	**1409**	**5,9**	**26 617**	25,95	54,40	1452	391,5	0,525	26,95
9,5	**27,687**	**1302**	**5,4**	**28 201**	28,83	32,17	1343	257,2	0,345	19,15
6,4	**29,995**	**1216**	**5,0**	**29 650**	31,23	15,35	1253	132,9	0,178	10,61
0,0	**32,763**	**1144**	**4,7**	**30 770**	34,12	0,00	1179	0,0	0,000	0,00

POLYNOMIAL PEAK AIRWATTS: **626,91**

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 = 1.23 in H2O, 3131 mm H2O or 0.31 kPa, Maximum open watts = 1894 watts.