

Test: **Performance**

Code: **497.3.265-311**

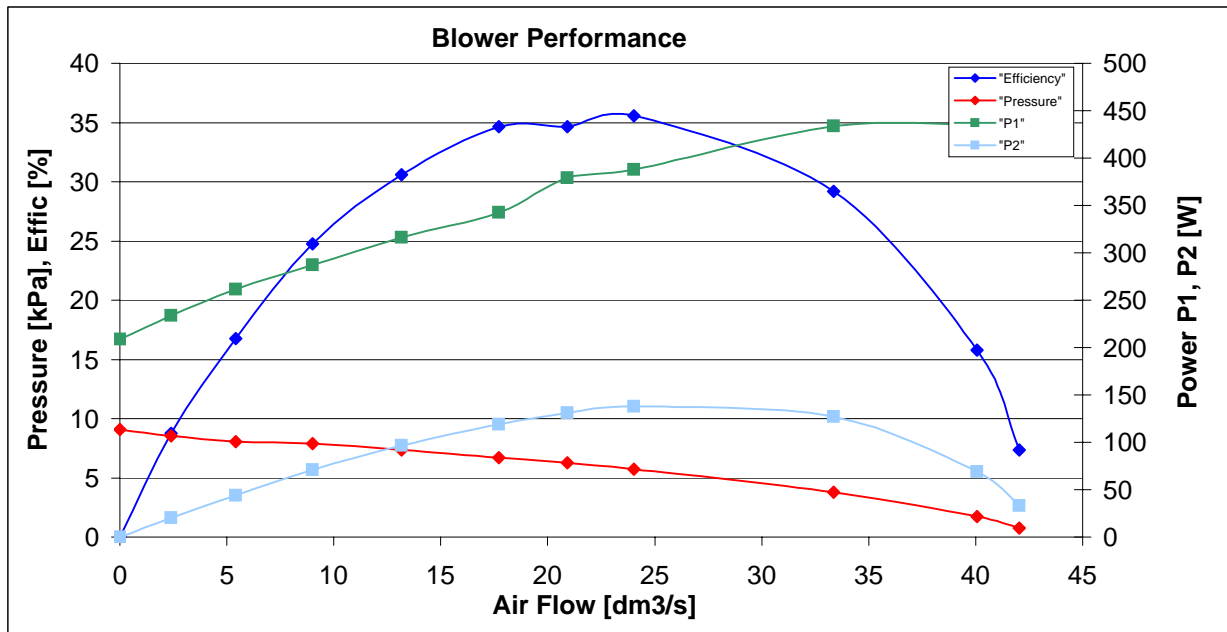
Voltage: **120V**

Stator:

Correction faktor: 1,0332

<b>Pf=</b>	<b>446</b>	<b>Pi=</b>	<b>138</b>	<b>Pm=</b>	<b>339</b>	<b>Eta max=</b>	<b>35,6</b>
------------	------------	------------	------------	------------	------------	-----------------	-------------

Orifice mm	Current A	Voltage V	Input Power W	Speed rpm	Pressure kPa	Air Flow dm3/s	Air Power W	Effic %
50	6,4	120	446	NaN	0,78	42,03	32,78	7,36
40	6,3	120	436	NaN	1,72	40,05	68,89	15,81
30	6,2	120	434	NaN	3,8	33,35	126,73	29,21
23	5,68	120	388	NaN	5,74	24,02	137,87	35,57
21	5,5	120	379	NaN	6,28	20,92	131,38	34,66
19	5,1	120	343	NaN	6,71	17,71	118,83	34,67
16	4,7	120	316	NaN	7,35	13,16	96,73	30,61
13	4,3	120	287	NaN	7,89	9,02	71,17	24,78
10	3,8	120	262	NaN	8,08	5,43	43,87	16,76
6,5	3,4	120	234	NaN	8,54	2,39	20,41	8,74
0	3,2	120	209	NaN	9,09	0	0,00	0,00



Note:

Date: 19.6.2009

Measured by:



## BLOWER PERFORMANCE

Test: **Performance in imperial units**

Code: **497.3.265-311**

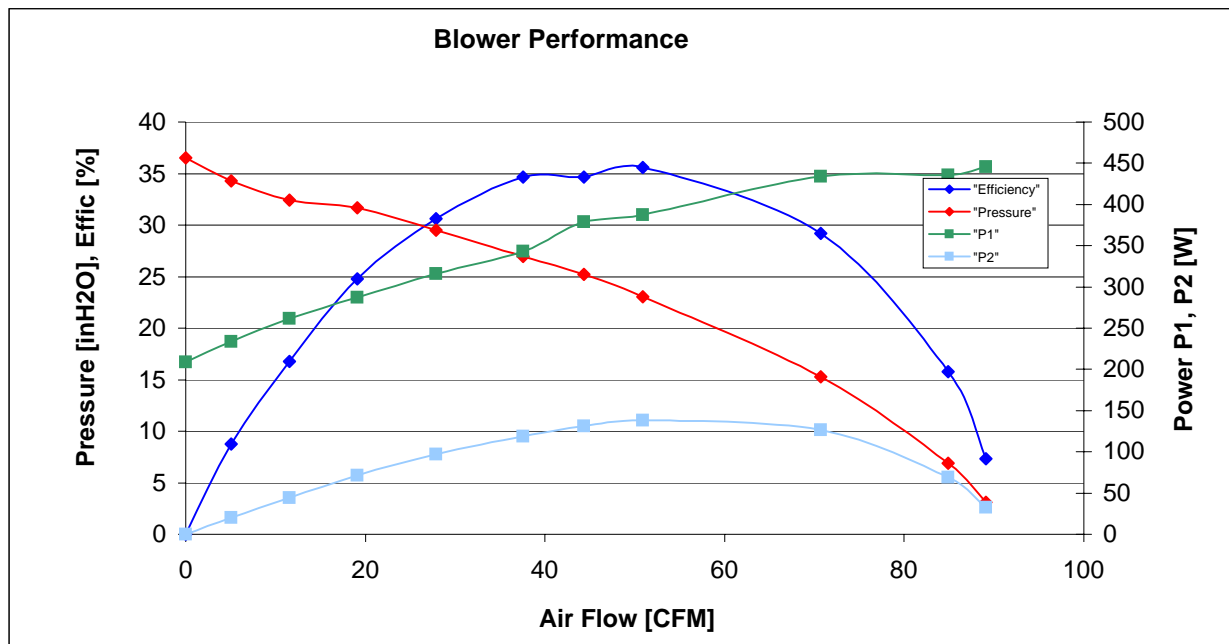
Voltage: **120V**

Stator:

Correction faktor: 1,0332

<b>Pf=</b>	<b>446</b>	<b>Pi=</b>	<b>138</b>	<b>Pm=</b>	<b>339</b>	<b>Eta max=</b>	<b>35,6</b>
------------	------------	------------	------------	------------	------------	-----------------	-------------

Orifice inches	Current A	Voltage V	Input Power W	Speed rpm	Pressure inH2O	Air Flow CFM	Air Power W	Effic %
2,0	6,4	120	446	NaN	3,13	89,10	32,78	7,36
1,6	6,3	120	436	NaN	6,91	84,91	68,89	15,81
1,2	6,2	120	434	NaN	15,26	70,70	126,73	29,21
0,9	5,68	120	388	NaN	23,05	50,92	137,87	35,57
0,8	5,5	120	379	NaN	25,21	44,35	131,38	34,66
0,7	5,1	120	343	NaN	26,94	37,55	118,83	34,67
0,6	4,7	120	316	NaN	29,51	27,90	96,73	30,61
0,5	4,3	120	287	NaN	31,68	19,12	71,17	24,78
0,4	3,8	120	262	NaN	32,44	11,51	43,87	16,76
0,3	3,4	120	234	NaN	34,29	5,07	20,41	8,74
0,0	3,2	120	209	NaN	36,50	0,00	0,00	0,00



Note:

Date: 19.6.2009

Measured by: Rupnik