

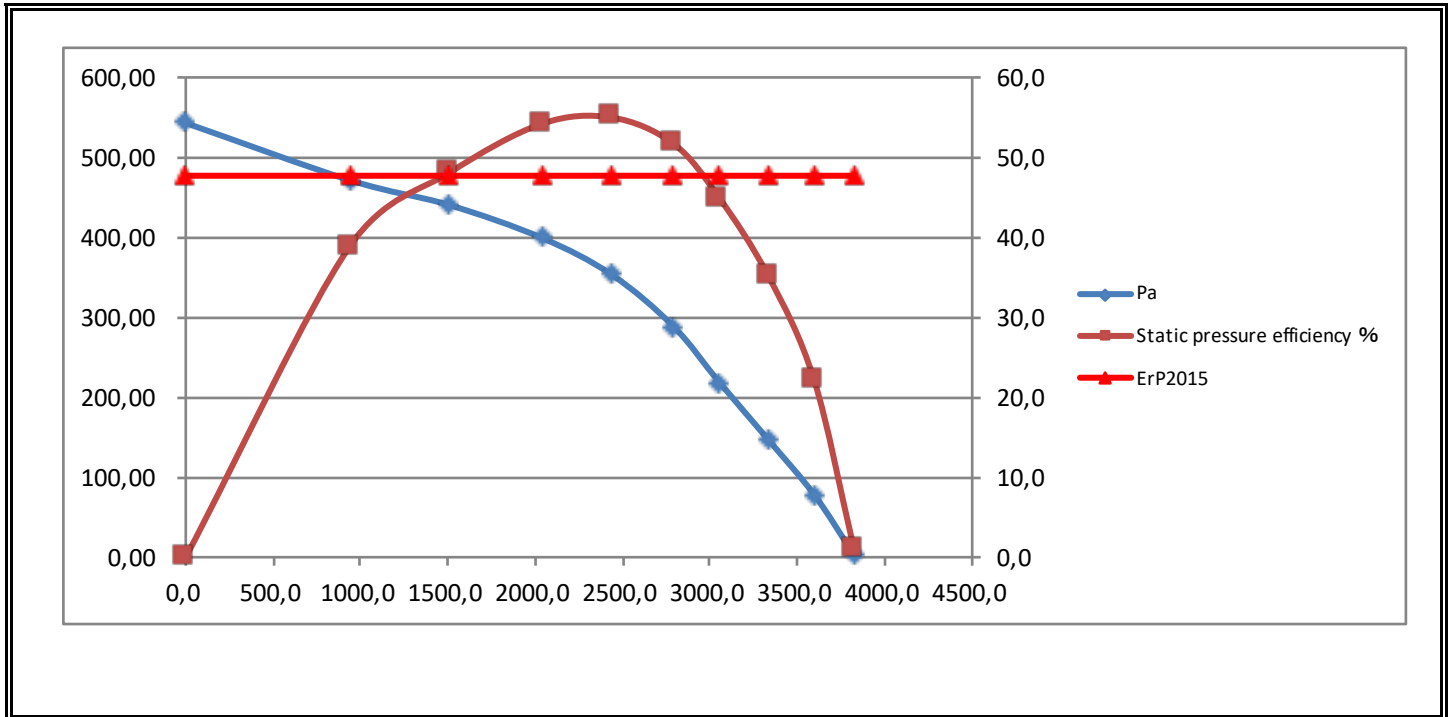
EC fan aerodynamic performance test report

Test number	20160414-01	Product number:	Fan model:	B3P400-EC102-013	Motor model:	EC102
Limited data (m ³ /h) :		Rated total pressure (Pa):	Rated speed (rpm)	2500	Rated current (A):	
Supply:	1∞220V/50Hz	Export area (m ²) :	Impeller diameter (m)	0,4000	Test standard: GB/T 1236-2000	
Test device: 1.3x1.3 outlet air chamber			Remarks			

		1	2	3	4	5	6	7	8	9	10
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p = 101325,00 Pa		θ = 20,0 °C		ρ = 1,2000 Kg/m3		Dc = 0,400 m					
Flow	m ³ /h	0,0	937,2	1503,7	2035,0	2437,7	2790,5	3052,8	3334,2	3594,8	3821,7
Static pressure	Pa	542,92	471,52	440,61	399,53	353,24	288,62	218,77	146,71	78,50	3,69
Current	A	0,808	1,454	1,761	1,909	1,991	1,981	1,892	1,777	1,623	1,469
Input power	W	171,3	316,1	383,3	416,8	435,1	432,6	412,9	386,7	352,9	318,8
Rotating speed	rpm	1430	1429	1431	1425	1428	1426	1424	1427	1432	1428
Static pressure	%	0,0	38,8	48,0	54,2	55,0	51,7	44,9	35,1	22,2	1,2
ErP2015	%	47,7	47,7	47,7	47,7	47,7	47,7	47,7	47,7	47,7	47,7

Performance curve



We hereby declare that fan is ErP 2015 ready.

杭州艾弗洛电器有限公司

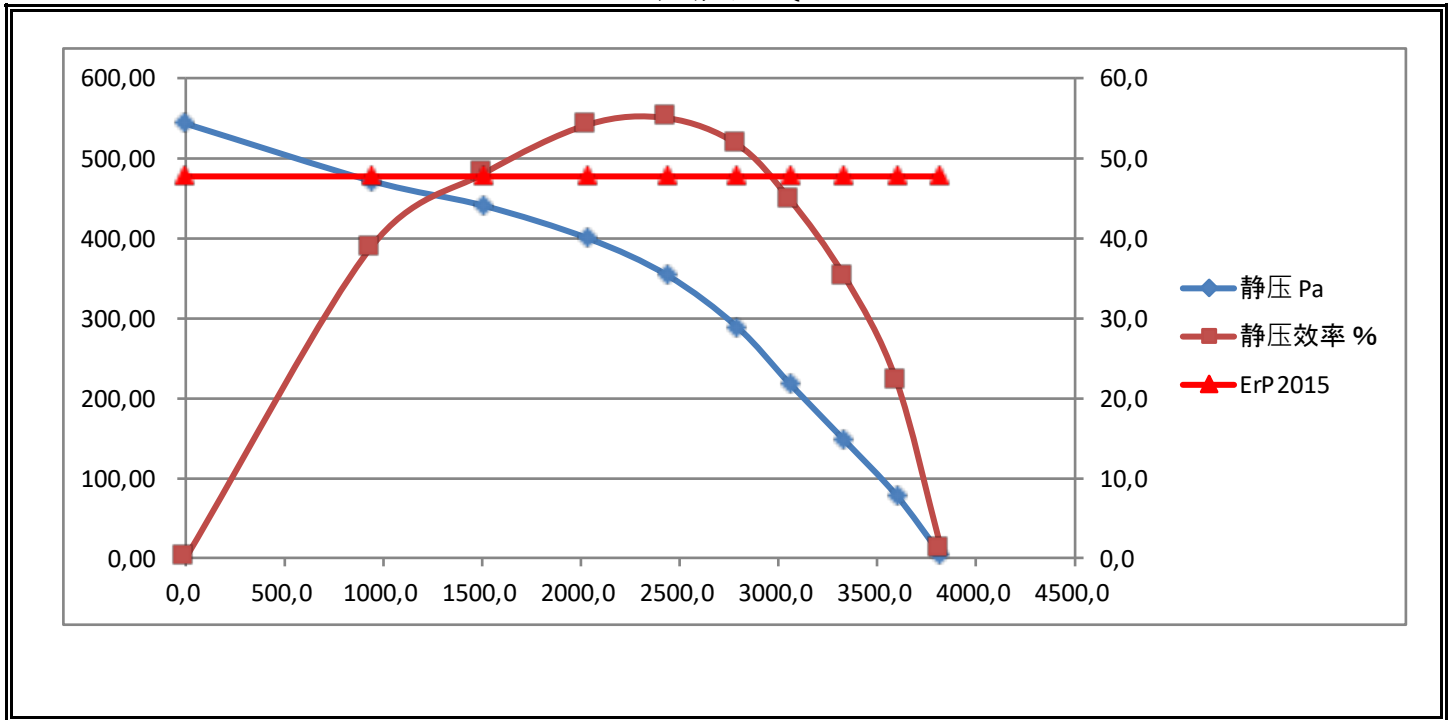
通风机空气动力性能试验报告单

试验编号: 20160414-01	产品编号:	风机型号: B3P400-EC102-013	电机型号: EC102
额定流量 (m ³ /h): 1,0	额定全压 (Pa): 1,0	额定转速 (rpm): 2500	额定电流 (A): 1,000
电压: 1~220V/50Hz	出口面积 (m ²): 0,1407	叶轮直径 (m): 0,4000	试验标准: GB/T 1236-2000
试验装置: 1.3x1.3出气风室	流量测试方式:	备注: 220v	

物理量	单位	1	2	3	4	5	6	7	8	9	10
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##### $\theta = 20,0 \text{ } ^\circ\text{C}$ $\rho = 1,2000 \text{ Kg/m}^3$ $D_c = 0,400 \text{ m}$											
流量	m ³ /h	0,0	937,2	1503,7	2035,0	2437,7	2790,5	3052,8	3334,2	3594,8	3821,7
静压	Pa	542,92	471,52	440,61	399,53	353,24	288,62	218,77	146,71	78,50	3,69
电流	A	0,808	1,454	1,761	1,909	1,991	1,981	1,892	1,777	1,623	1,469
输入功率	W	171,3	316,1	383,3	416,8	435,1	432,6	412,9	386,7	352,9	318,8
转速	rpm	1430	1429	1431	1425	1428	1426	1424	1427	1432	1428
静压效率	%	0,0	38,8	48,0	54,2	55,0	51,7	44,9	35,1	22,2	1,2
ErP2015	%	47,7	47,7	47,7	47,7	47,7	47,7	47,7	47,7	47,7	47,7
判定	满足ErP2015要求										

性能曲线



测试:

审核:

测试日期: