

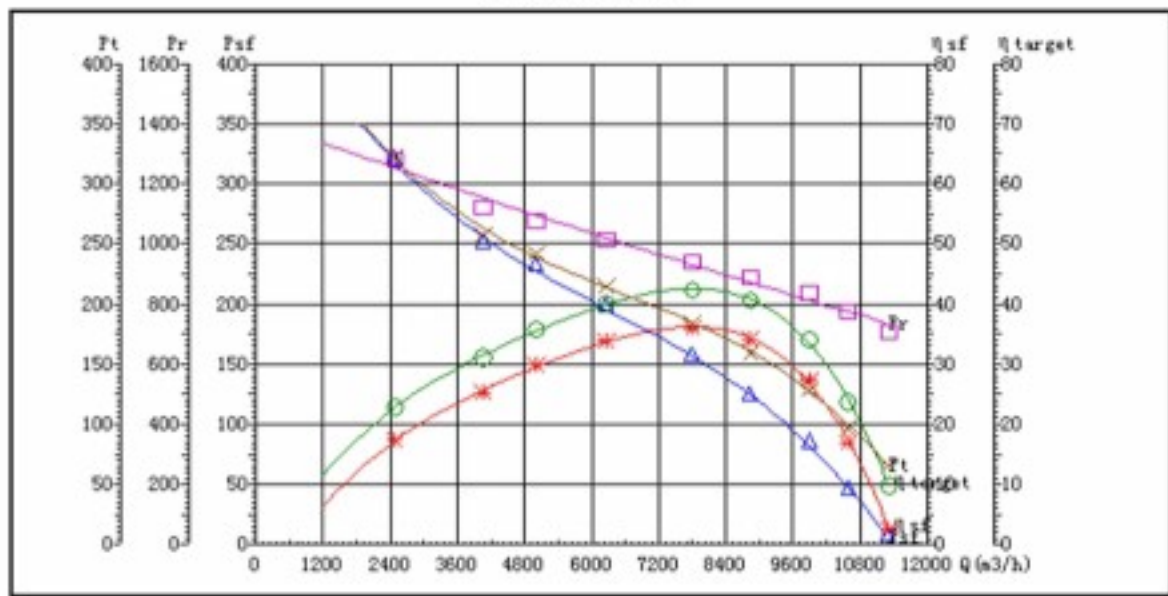


Fan Air-dynamic Performance Test Report

Test No	20141206-630S-P4	Product No	01	Motor Model	380V-50HZ	Flow Test Method
Flow(m ³ /h)	13500.0	Total Pressure(Pa)	1.00	Rotate Speed(rpm)	1410	Electric Current(A) 1.650
Noise(dB(A))	1.00	Outlet Area(m ²)	0.316	Impeller Dia. (m)	0.6300	Standard ISO5801-2000

Items	Unit	1	2	3	4	5	6	7	8	9	10
p=101325.00Pa θ=20.0°C ρ=1.2000kg/m ³ Dc=0.630m											
Air Flow	m ³ /h	2492.3	4068.5	5015.7	6272.4	7804.3	8842.3	9891.5	10588.9	11304.4	
Total Pressure	Pa	321.70	257.00	241.57	214.23	183.10	158.77	128.49	96.26	65.25	
Static Pressure	Pa	318.83	249.34	229.92	196.00	154.88	122.45	83.02	44.10	5.80	
Electric Current	A	2.198	1.980	1.926	1.844	1.749	1.690	1.626	1.557	1.478	
Input Power	W	1278.4	1120.3	1075.5	1011.0	938.7	887.1	834.4	774.7	705.0	
Output Power	W	792.6	694.6	666.8	626.8	580.8	550.0	517.3	480.3	437.1	
Rotate Speed	rpm	1318	1346	1354	1366	1378	1387	1395	1404	1414	
Total Pt. Eff.	%	17.42	25.92	31.29	36.92	42.37	43.98	42.31	36.55	29.06	
Total Eff.	%	10.80	16.07	19.40	22.89	26.27	27.25	26.23	22.66	18.02	
Fan Noise	dB(A)	/	/	/	/	/	/	/	/	/	
Energy Efficiency		22.8	31.0	35.8	39.9	42.2	40.4	34.0	23.6	9.7	

Performance Curve



X: Q(m³/h)
Y: Δ Psf (Pa) * η sf (%) □ Pr (w) ○ η target × Pt (Pa)