



EC Centrifugal Fan-A2 Airfoil

Backward Curved Φ560

Creation date: 2024-03-12

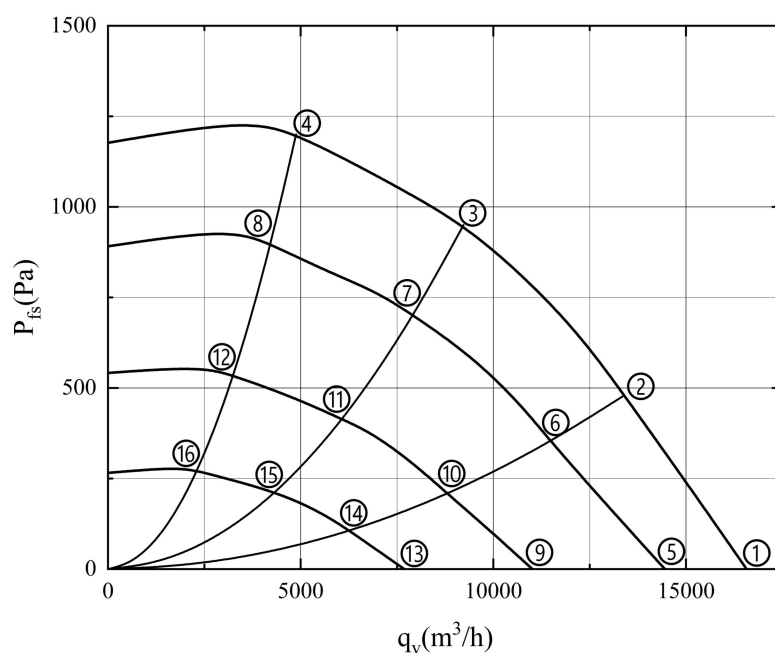
额定数据 Nominal data

型号 Type	EC180/85D3G01-B560/190A2-02-Z	
相位 Phase	3~	
额定电压 Rated voltage	VAC	400
电压范围 Rated voltage range	VAC	380 ~ 480
频率 Frequency	Hz	50/60
转速 Speed (rpm)	min ⁻¹	1540
功率 Power consumption	W	3600
电流 Current	A	5.6
最低环境温度 Min. ambient temperature	°C	-25
最高环境温度 Max. ambient temperature	°C	50

ErP 能效数据 ErP Energy efficiency data

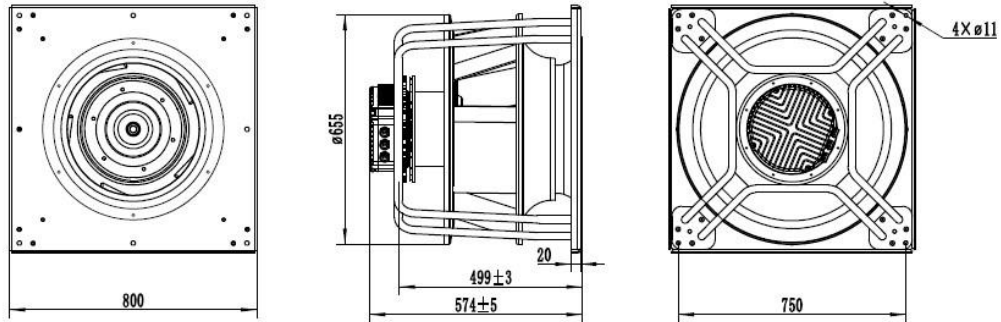
		实际 Actual	规定 2015 Req. 2015
整体效率 η_{es} Overall efficiency	%	70.2	57.4
测量类别 Measurement category		A	
效率类别 Efficiency category		静态 Static	
效率等级 N Efficiency grade N		74.8	62
转速调节 Variable speed drive		是 Yes	

特性曲线及数据 Characteristic curve and data

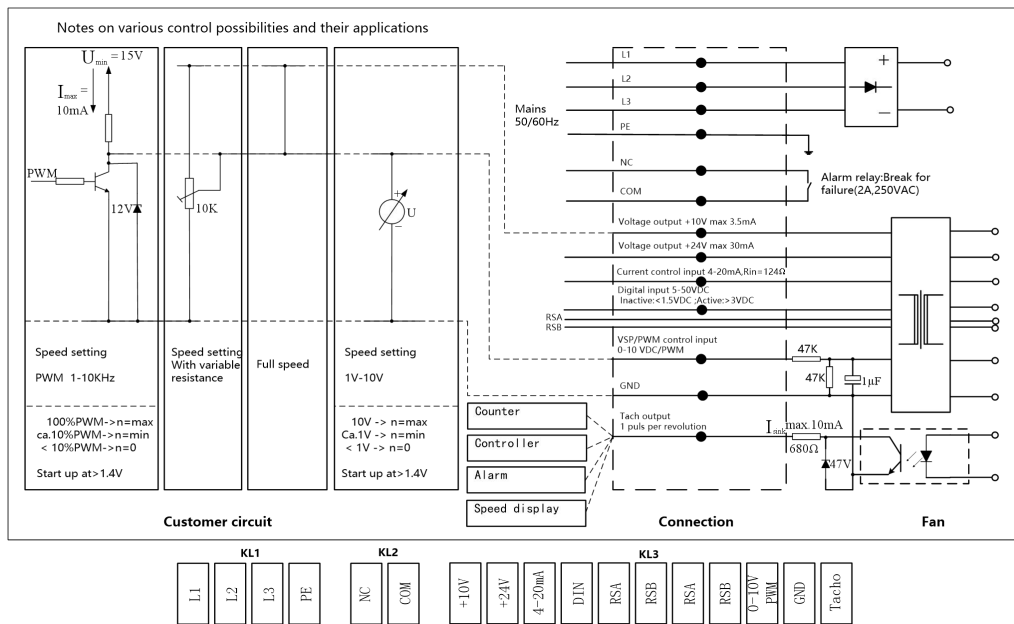


	电压	频率	转速	功率	电流	噪声	风量	静压	风量
	U	f	n	P _{ed}	I	L _p	q _v	p _{fs}	q _v
	V	Hz	min ⁻¹	W	A	dB(A)	m ³ /h	Pa	cfm
1	400	50	1540	2421	3.7	83	16572	0	9754
2	400	50	1540	3187	4.9	79	13400	480	7887
3	400	50	1540	3600	5.6	76	9226	950	5430
4	400	50	1540	2957	4.5	78	4878	1200	2871
5	400	50	1340	1669	2.6	79	14451	0	8506
6	400	50	1340	2080	3.2	76	11500	350	6769
7	400	50	1340	2436	3.7	73	7912	702	4657
8	400	50	1340	2019	3.1	74	4201	898	2473
9	400	50	1040	805	1.3	73	11011	0	6481
10	400	50	1040	1026	1.6	70	8814	208	5188
11	400	50	1040	1158	1.8	67	6049	415	3560
12	400	50	1040	914	1.5	68	2652	552	1561
13	400	50	750	294	0.4	72	7687	0	4524
14	400	50	750	387	0.6	64	6280	105	3696
15	400	50.0	750	441	0.7	64	4313	212	2539
16	400	50.0	750	359	0.5	63	2293	272	1349

产品图纸 Product drawing



线路图 Connection diagram



Terminal	NO.	Connection	Function
KL1	1	L1	电源相线, 电压范围见铭牌 Power supply, phase, voltage range see label
	2	L2	电源相线, 电压范围见铭牌 Power supply, phase, voltage range see label
	3	L3	电源相线, 电压范围见铭牌 Power supply, phase, voltage range see label
	4	PE	保护接地 Protective earth
KL2	1	NC	状态继电器, 浮动状态触点, 故障或断电后断开 Status relay, floating status contact, break for failure
	2	COM	状态继电器, 浮动状态触点, 触点额定值 250VAC/2A (AC1)最小 10mA Status relay, contact rating 250VAC/2A(AC1)min.10mA
KL3	1	+10V/max.3.5mA	电压输出, 给外部设备提供电源 Voltage output, power supply for ext. device
	2	+24V/max.30mA	电压输出, 给外部设备提供电源 Voltage output, power supply for ext. device
	3	4-20mA	模拟量输入, 测量值 4~20mA, 内阻 124 欧 Analog input, measured value 4-20mA, Rin=124ohm
	4	DIN	数字量输入 5~50VDC 激活设备 有效电平: 电压值 > 3VDC; 无效电平: 电压值 < 1.5VDC Digital input 5-50VDC activate electronics Active: voltage > 3VDC; Inactive: voltage < 1.5VDC
	5	0-10V/PWM	控制 0~10V 或 PWM 输入, 内部阻抗为 100K Control input 0-10V or PWM, impedance 100K
	6	GND	控制接口部分参考地 Reference ground for control interface
	7	Tacho	输出: 1 脉冲/每转 Tach output: 1 pulse/revolution
	8,9	RSA	MODBUS 的 RS485 接口 A RS485 interface for MODBUS, RSA
	10,11	RSB	MODBUS 的 RS485 接口 B RS485 interface for MODBUS, RSB