



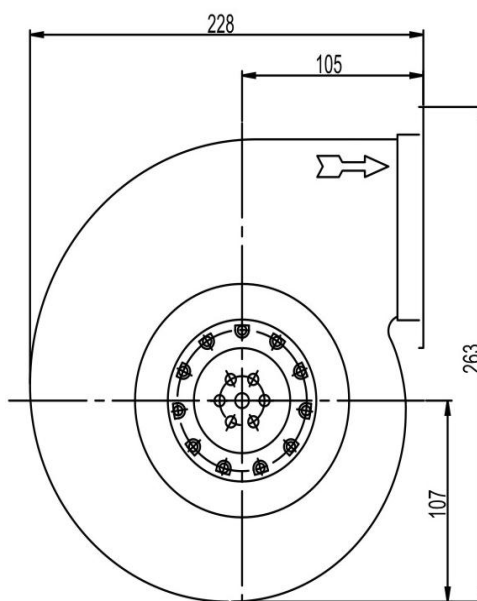
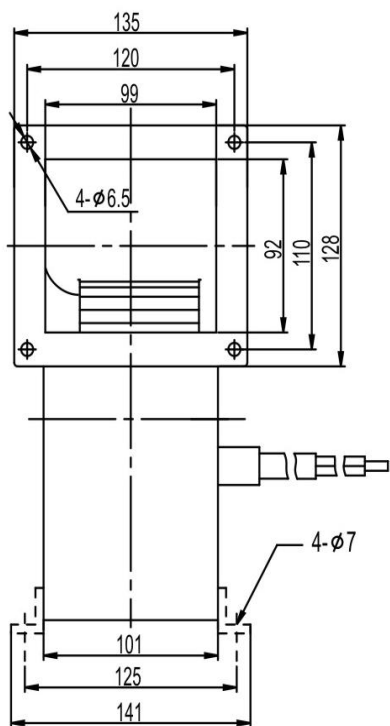
AC Single Inlet Centrifugal Blower 单进风鼓风机

Specifications of GRFA140 技术参数

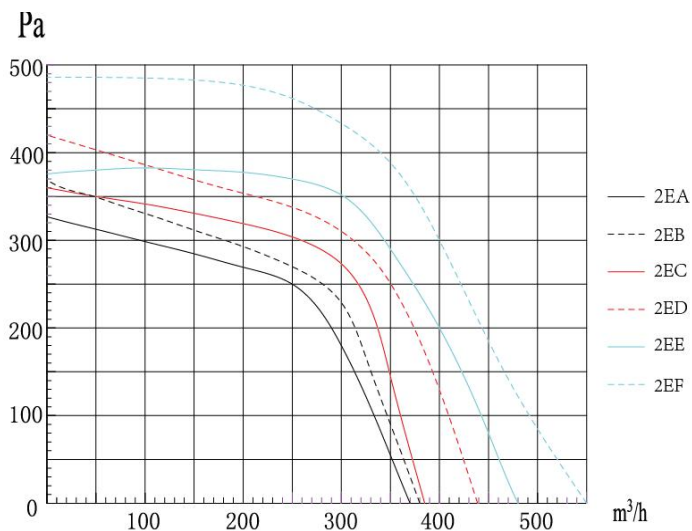


Model 型号		2EA	2EB	2EC	2ED	2EE	2EF
Motor type 电机型号		AC092-1-2					
Rated voltage 额定电压	VAC	220	230	220	230	220	230
Frequency 频率	Hz	50	60	50	60	50	60
Rated voltage range 工作范围	VAC	209-231					
Power input 输入功率	W	142	130	150	250	150	270
Rated Speed 额定转速	RPM	1800	1600	2300	1600	2400	2800
Airflow 风量	M3/H / CFM	423/249	380/224	385/228	435/256	480/282	560/329
Input Current 输入电流	A	0.66	0.5	0.68	1.2	0.65	1.3
Max Noise Level 噪音	dBA	60	62	64	67	73	76
Static Pressure 静压	Pa	330	370	360	420	375	485
Net Weight 净重	Kg	2.6	2.6	2.9	2.9	2.9	2.9
Package 包装	Carton 纸箱	4pcs, 8.8/7.2/9kg, 546x248x290mm					
	Pallet 托盘	192pcs, 270/370/445kg, 1115x1015x1080mm					

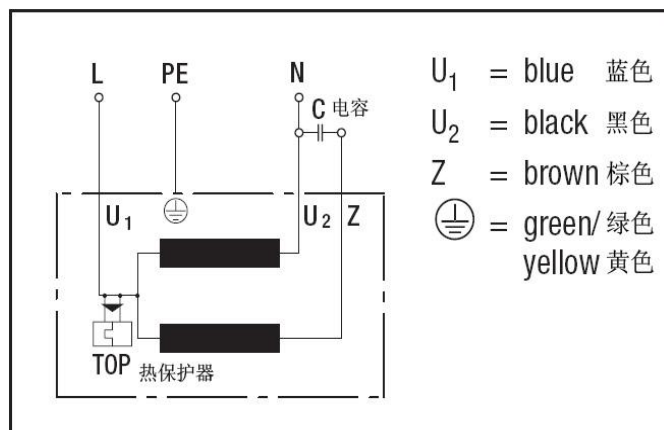
Dimensions 外形尺寸



Curves 曲线



Wire Diagram 接线图





AC Single Inlet Centrifugal Blower 单进风鼓风机

Specifications of GRFA140 技术参数

Electrical parameters 电气参数

▶ Motor 电机	AC external rotor motor 交流外转子电机
▶ Insulation Class 绝缘等级	Class "B" ("F" optional 可选)
▶ Motor Protection 电机保护	Thermal overload protector wired internally 热保护 Motor current limited 电流保护
▶ Speed Control 调速方式	Series resistance / Transformer / Frequency Inverter 可变电阻/变压器/变频器
▶ Protection Class	I
▶ Type of protection 防护等级	IP44
▶ Operation Mode 运行模式	S1 连续运转
▶ Direction of Air Flow 风向	Outlet 出风口出风
▶ Direction of Rotation 转向	Clockwise, seen on rotor 顺时针, 从转子方向看
▶ Dielectric Strength 耐高压测试	5mA max. at 1500VAC 50Hz/s between frame and (+)terminal 机壳和端子间每秒
▶ EMC	EN60335-1

Mechanical Parameters 机械参数

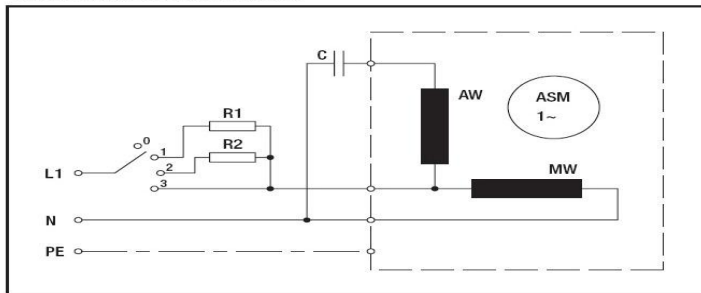
▶ Dimension 风轮尺寸	Φ140x59mm
▶ Material of Impeller 风轮材质	hot-dip galvanised sheet steel 镀锌钢板
▶ Material of Housing 蜗壳材质	hot-dip galvanised sheet steel 镀锌钢板
▶ Material of Motor back cover 电机后盖材料	Die-cast aluminium 压铸铝
▶ Material of Impeller Plate 风轮底座材料	Injection-moulded round sheet-metal plate 注塑金属镀锌钢板
▶ Mounting Position 安装方式	Shaft horizontal or rotor on top 轴水平或转子朝上安装
▶ Surface of Rotor 转子表面喷涂	Coated in black 黑色
▶ Bearing System 轴承系统	NMB maintenance-free ball bearing 免维护滚珠轴承
▶ Life time 寿命	30000 hours 小时 (L10) at 40°C room 室温, humidity 湿度15%~65%RH
▶ Lead Wire 引线	AWG#18 UL1007

Environmental 环境参数

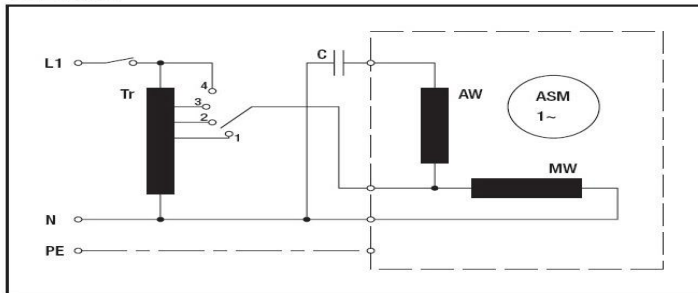
▶ Operating / Storing temp. 运行/储藏温度	-25°C to + 60°C / -40°C to + 60°C
▶ Operating / Storing humidity 运行/储藏湿度	5% to 90% RH
▶ Approval 认证	CE, CCC, ErP2015 and RoHS compliance 符合RoSh和ErP2015能效标准
▶ Shock Test 冲击试验	Apply peak acceleration 50g and keep duration for 11ms /峰值加速度50克保持11ms无影响
▶ Vibration Test 震动试验	Displacement amplitude 0.75mm Equivalent 10G. Freq.range 10Hz~55Hz/30s. 位移幅值0.75mm, 频率范围10Hz~55Hz/30s
▶ Drop Test 跌落试验	In min packaging, three faces from 30cm distance height onto 10mm thickness of wooden board 最小包装情况下从30cm高度跌落到厚10mm木板连续三次无损坏
▶ Dustproof Test 防尘试验	IEC60529 IPX4 (1mm dia.metal wire can't go through the gas /1mm直径金属无法进入
▶ Waterproof Test 防水试验	IEC60529 IPX4 (10 min. to spray water from all direction / 360度喷水十分钟无影响
▶ Warrant 质保期	12 months after delivery 交付后12个月

Speed setting with AC Motors 调速方式

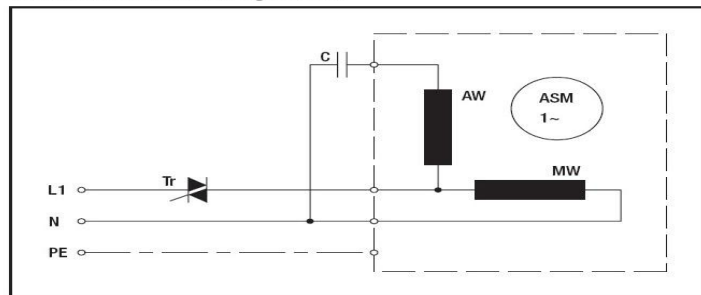
可变电阻调速 Series resistance



变压器调速 Transformer



相位角控制调速 Phase-angle control



正弦滤波变频器调速 Frequency Inverter with sine filter

