



## **SPECIFICATIONS OF EATERON R600a COMPRESSOR**

**MODEL NAME: PE200CAS**

**RATEDVOLTAGE & FREQUENCY: 220-240V ~ 50Hz**

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**MANUFACTURER**

**SHENZHEN EATERON COMPANY LIMITED**

**深圳东橙商贸有限公司**

**压缩机规格简述 (Specification of Compressor) :**

| 型号 (Model) | 电压 (Voltage) | 频率 (Frequency) |
|------------|--------------|----------------|
| PE200CAS   | 220-240V     | 50Hz           |

**性能&尺寸 (Performance & Dimension)****应用参数 Application:**

|                               |                        |
|-------------------------------|------------------------|
| 类型 Type                       | 低背压 Low Back Pressure  |
| 蒸发温度范围 Evaporating temp. rang | -35 ~ -15 °C           |
| 制冷剂 Refrigerant               | R600a                  |
| 节流方式 Refrigerant control      | 毛细管节流 (Capillary tube) |
| 压缩机冷却方式 Compressor cooling    | 自然冷却 Static Cooling    |

**常规性能 Normal Performance (ASHRAE) 50Hz:**

|                                   |      |
|-----------------------------------|------|
| 制冷量 Cooling capacity (W±5%)       | 200  |
| 消耗功率 Power consumption (W±15%)    | 108  |
| 能效比: COP Efficiency: COP (W/W±5%) | 1.85 |
| 噪音 Noise (dA)                     | ≤43  |

**测试条件 Testing condition**

|                       |         |
|-----------------------|---------|
| 蒸发温度 Evaporation Temp | -23.3°C |
| 冷凝温度 Condensing Temp  | 54.4°C  |
| 环境温度 Ambient Temp     | 32.2°C  |
| 回气温度 Return Gas Temp  | 32.2°C  |
| 过冷温度 Liquid Temp      | 32.2°C  |

**压缩机数据 Compresor Data**

|                                   |                      |
|-----------------------------------|----------------------|
| <b>设计 Design</b>                  | Reciprocating        |
| <b>容积 Displacement</b>            | 11.3 cm <sup>3</sup> |
| <b>吸气管内径 Suction tube I.D</b>     | φ 6.40-6.50mm        |
| <b>工艺管内径 Process tube I.D</b>     | φ 6.40-6.50mm        |
| <b>排气管内径 Discharge tube I.D</b>   | φ 4.90-5.00mm        |
| <b>重量 Weight(with oil charge)</b> | 10±0.15Kg            |

**电机数据 Motor Date**

|                                      |                     |
|--------------------------------------|---------------------|
| <b>电机类型 Motor type</b>               | RSCR                |
| <b>电机保护 Motor protection</b>         | External protection |
| <b>绝缘等级 Winding Insulation Class</b> | E Class             |

**电器元件 Electrical components**

|                                            |                      |
|--------------------------------------------|----------------------|
| <b>过载保护器 Overload Protector Type</b>       | DRB135P61A2/BT27-125 |
| <b>U.T.C Ultimate Trip current at 70°C</b> | 0.7 ~ 1.0 A          |
| <b>断开温度 Opening temp.</b>                  | 125±5°C              |
| <b>复位温度 Closing temp.</b>                  | 69±9°C               |
| <b>制造商 Manufacture</b>                     | Star Shuaier/Lan Xi  |

|                                 |                     |
|---------------------------------|---------------------|
| <b>启动器 Starting Device Type</b> | QP2-22/JPQⅡ-15      |
| <b>制造商 Manufacture</b>          | Star Shuaier/Lan Xi |

|                                                |            |
|------------------------------------------------|------------|
| <b>Running Capacitor Capacity and Voltage</b>  | 5μF , 450V |
| <b>Starting Capacitor Capacity and Voltage</b> | N.A, N.A.  |

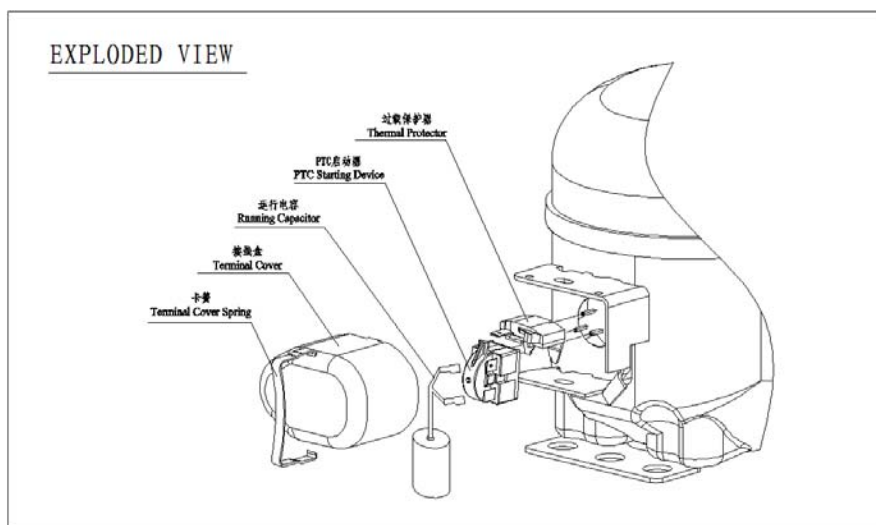
**润滑剂 Lubricant**

|                    |             |
|--------------------|-------------|
| 类型 Lubricant type  | Mineral oil |
| 牌号 Lubricant grade | GRD10B      |
| 注油量 Initial charge | 250±10 ml   |
| Recharge           | 85%         |

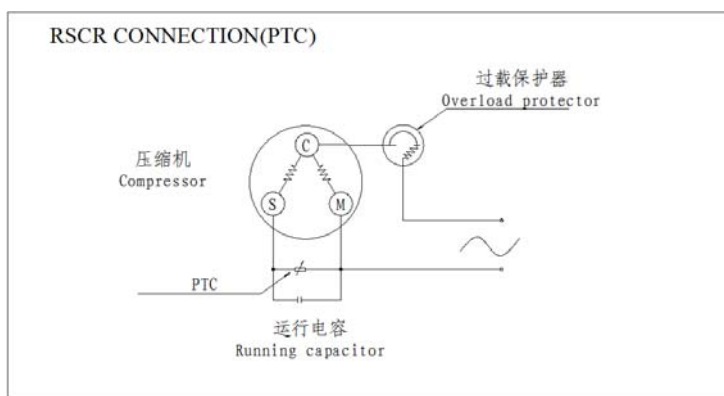
**附件清单 ACCESSORY PART LIST**

| ACCESSORY PART LIST |                                     | QTY | SPECIFICATION        |
|---------------------|-------------------------------------|-----|----------------------|
| ELECTRICAL PARTS    | Overload Protector +<br>SPRING TAPS | 1   | DRB135P61A2/BT27-125 |
| ELECTRICAL PARTS    | STARTING DEVICE                     | 1   | QP2-22/JPQⅡ -15      |
| ELECTRICAL PARTS    | TERMINAL COVER +<br>SPRING TAPS     | 1   | PC, SPRING STEEL     |
| ELECTRICAL PARTS    | RUNNING CAPACITOR                   | 1   | 5μF, 450V            |
| ELECTRICAL PARTS    | Ground screw assembly               | 1   |                      |
| MOUNTING PARTS      | Rubber Grommet                      | 4   |                      |
| MOUNTING PARTS      | Mounting Sleeve                     | 4   |                      |
| MOUNTING PARTS      | Install flat pad                    | 4   |                      |
| MOUNTING PARTS      | Spring washer                       | 4   |                      |
| MOUNTING PARTS      | Mounting Nut                        | 4   |                      |
| MOUNTING PARTS      | Mounting Bolt                       | 4   |                      |

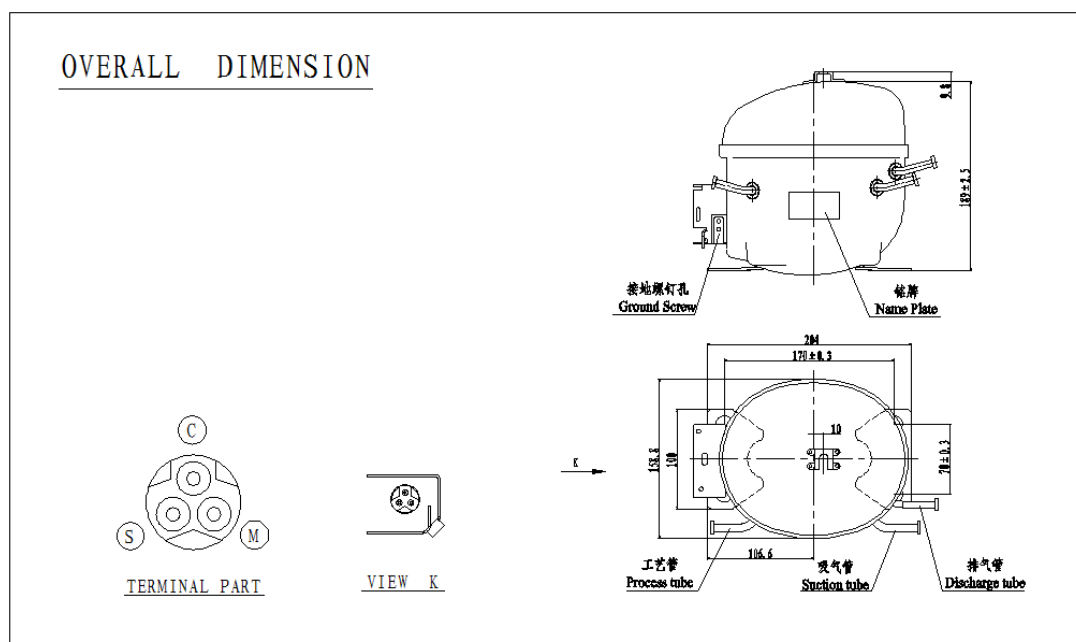
附图 1 Drawing 1



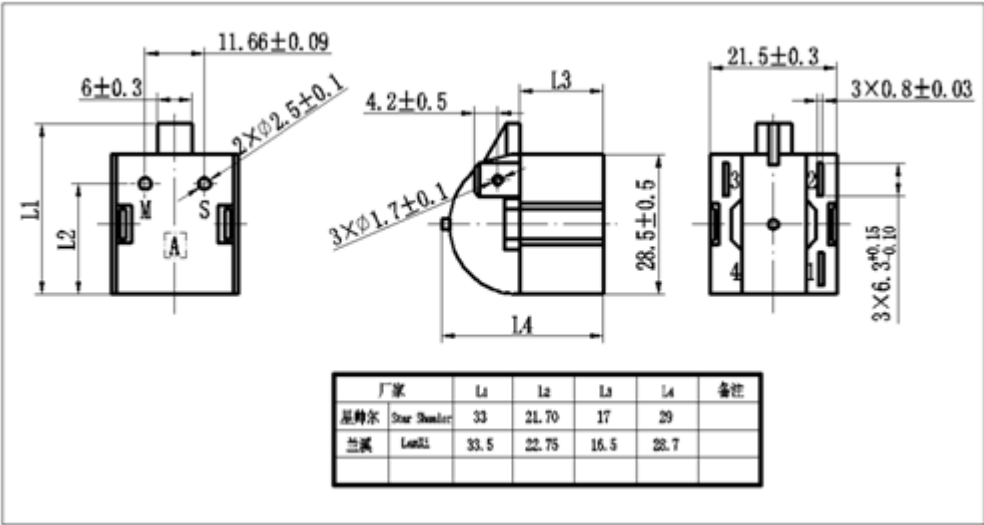
附图 2 Drawing 2 RSCR



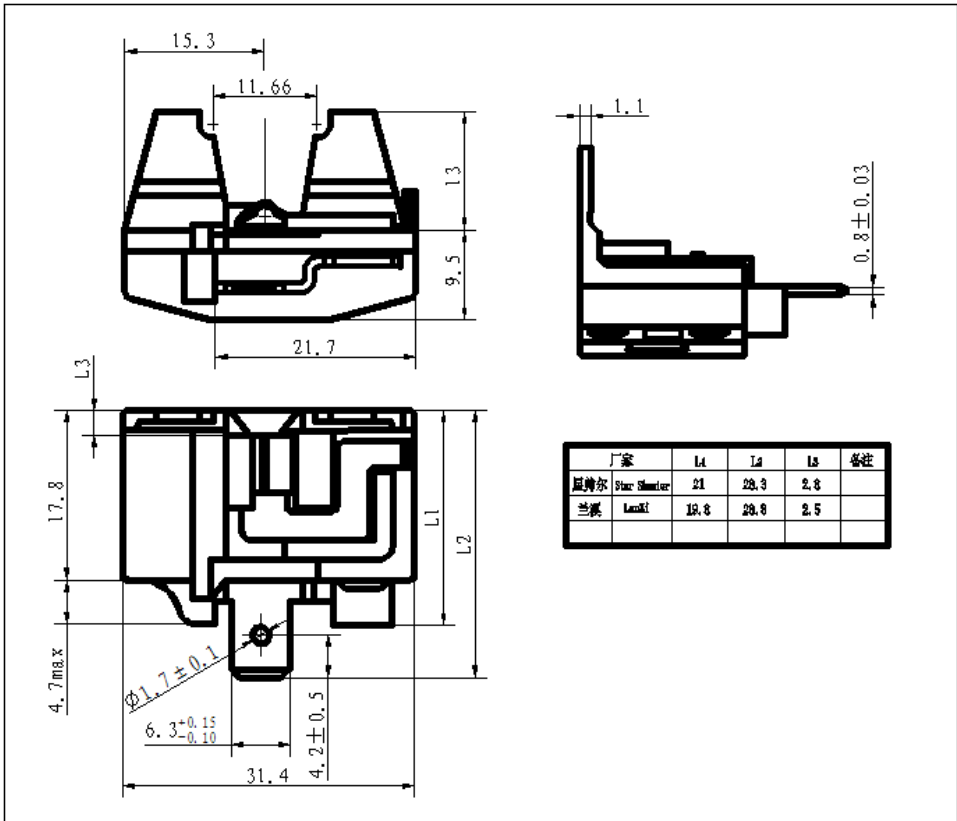
附图 3 Drawing 3 OVERALL DIMENSION



附图 4      Drawing 4      Starting Device



附图 5      Drawing 5      Overload Protector



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