



## PERFORMANCE

( MODEL ) : GQR19K

3/4+ HP, 50/60Hz, 194-242V

## 1 ( APPLICATION )

|                            |               |
|----------------------------|---------------|
| ( EVAPORATING TEMP RANGE ) | -40℃~0℃       |
| ( COOLING TYPE )           | ( F )         |
| ( REFRIGERATION CONTROL )  | ( CAPILLARY ) |
| ( APPROVAL )               | CCC           |
| ( VOLTAGE RANGE )          | 220~240V      |
| ( REFRIGERANT )            | R404A         |

## 2、 ( RATED PERFORMANCE AND TEST CONDITIONS )

|                           |                       |
|---------------------------|-----------------------|
| ( COOLING CAPACITY )      | 950W)                 |
| ( INPUT POWER )           | 760(W)                |
| ( RATED CURRENT )         | 4.53(A)               |
| ( EFFICIENCY ) COP        | 1.25W/W)              |
| ( ASHRAE TEST CONDITION ) | ( M/LBP )             |
| ( TEST POWER SOURCE )     | 220-240V~ 50-60Hz 1HP |
| ( EVAPORATING TEMP )      | -23.3℃                |
| ( CONDENSING TEMP )       | 54.4℃                 |
| SUNCTION TEMP )           | 32.2℃                 |
| ( SUBCOOLING TEMP )       | 32.2℃                 |
| ( AMBIENT TEMP )          | 32.2℃                 |



## PERFORMANCE

### 3、 ( MAIN STRUCTURE )

|                         |                            |
|-------------------------|----------------------------|
| ( COMPRESSOR TYPE )     | (HERMTIC MOTOR-COMPRESSOR) |
| ( PUMP TYPE )           | (RECIPROCATING TYPE)       |
| ( DISPLACEMENT )        | 18.00cm <sup>3</sup>       |
| (OIL TYPE)              | RL46H                      |
| (OIL CHARGE)            | 400ml                      |
| (PAINTING)              | ( BLACK PAINT,BAKED )      |
| (NET WEIGHT)            | 13.9Kg                     |
| (ID OF SUCTION TUBE)    | Φ8.1±0.1                   |
| (ID OF DISCHARGE TUBE)  | φ6.5±0.1                   |
| (ID OF PROCESS TUBE)    | Φ8.1±0.1                   |
| ( RESIDUAL IMPURITIES ) | 80mg MAX                   |
| ( RESIDUAL MOISTURE )   | 100mg MAX                  |

### 4、 ( MOTOR )

|                          |          |
|--------------------------|----------|
| ( STARTING TYPE )        | CSR()    |
| ( VOLTAGE RANGE )        | 187~240V |
| ( INSULATION GRADE )     | B GRADE  |
| ( LOCKED ROTOR CURRENT ) | 26.2A    |



## PERFORMANCE

### 5、 ( ELECTRICAL COMPONENTS )

| ( THERMAL PROTECTOR )    |                       |
|--------------------------|-----------------------|
| ( TYPE )                 | GQR16K-MD/ B220-120   |
| ( TRIP TEMP )            | 120±5℃                |
| ( RESET TEMP )           | 43-61℃                |
| ( U.T.C ) 75℃            | 6.03A                 |
| ( TURN-OFF CURRENT ) 25℃ | 22.0A                 |
| ( TRIP TIME )            | 7-16S                 |
| ( STARTING RELAY )       |                       |
| ( TYPE )                 | GQR16K-MD / QLZ-13.2A |
| ( RESISTANCE )           | /                     |
| ( RESET TIME )           | /                     |
| ( RUNNING CAPACITOR )    |                       |
| ( TYPE )                 | /                     |
| ( CAPACITY VALUE ) 25℃   | 10uf                  |
| ( STARTING CAPACITOR )   |                       |
| ( TYPE )                 | /                     |
| ( CAPACITY VALUE ) 25℃   | 80μF 330VAC 50/60Hz   |

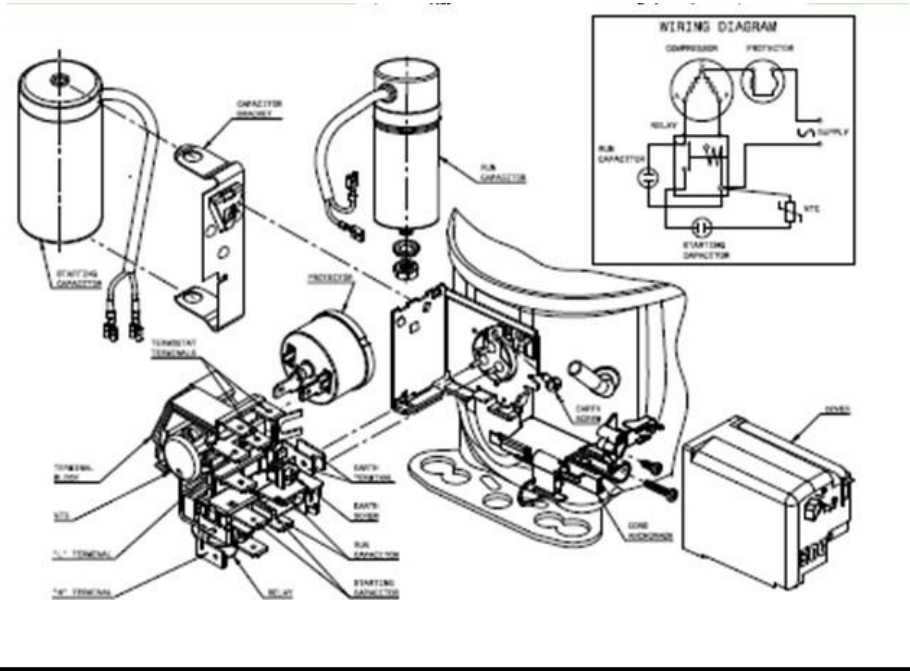


ACCESORIOS DEL COMPRESOR

6、 ( ACCESSORIES LIST )

| ( NAME )               | ( DTSCRIPTION )          | ( QTY ) |
|------------------------|--------------------------|---------|
| ( THERMAL PROTECTOR )  | GQR16K-MD/ B220-120      | 1       |
| ( STARTING RELAY )     | GQR16K-MD /<br>QLZ-13.2A | 1       |
| ( RUNNING CAPACITOR )  | 10uf                     | 1       |
| ( STARTING CAPACITOR ) | 80μF                     | 1       |
| ( ELECTRICAL COVER )   |                          | 1       |
| ( COVER CLAMP )        |                          | 1       |
| ( RUBBER GROMMET )     |                          | 4       |
| ( BUSHING )            |                          | 4       |

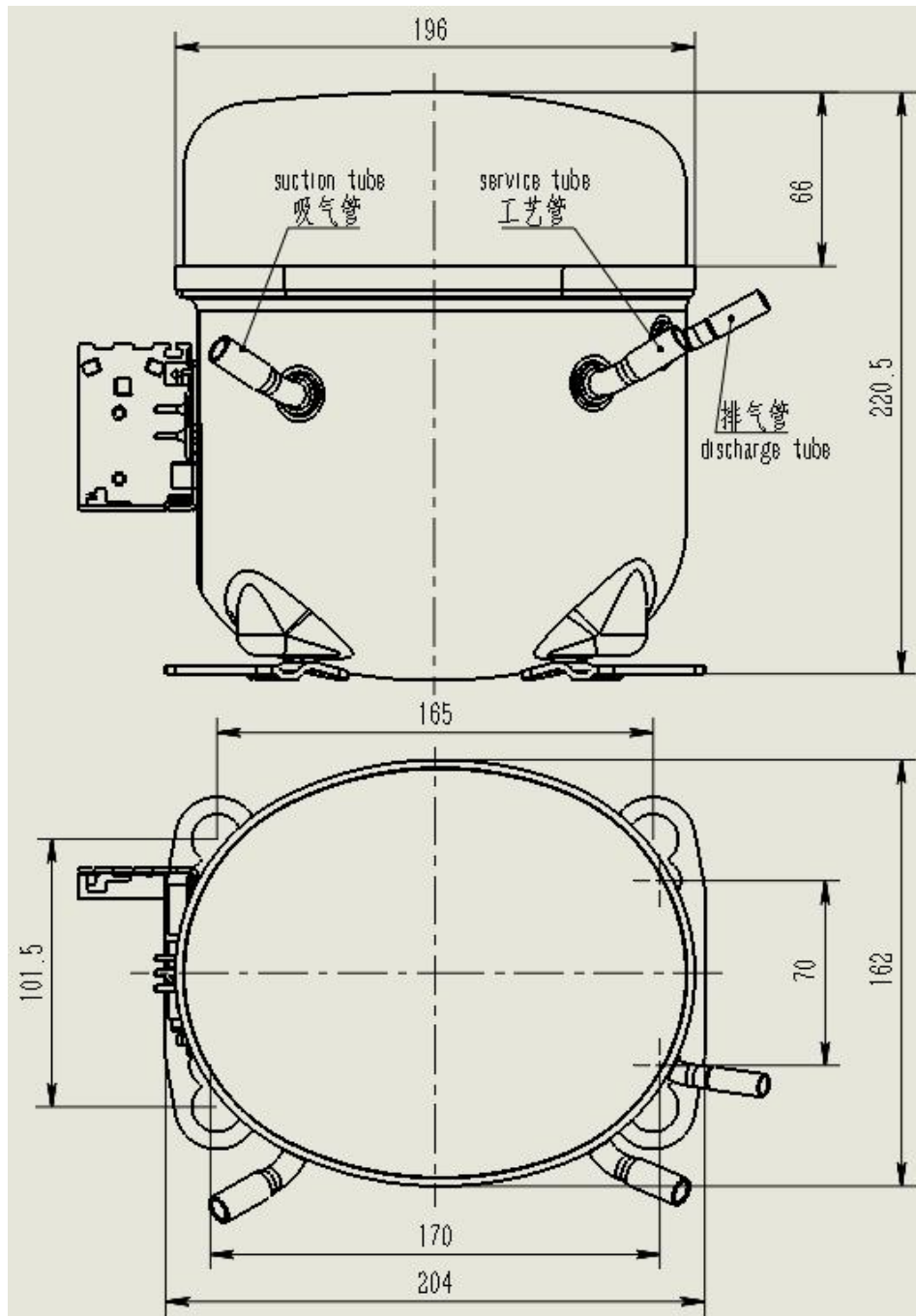
7、 ELECTRICAL WIRING DIAGRAM )





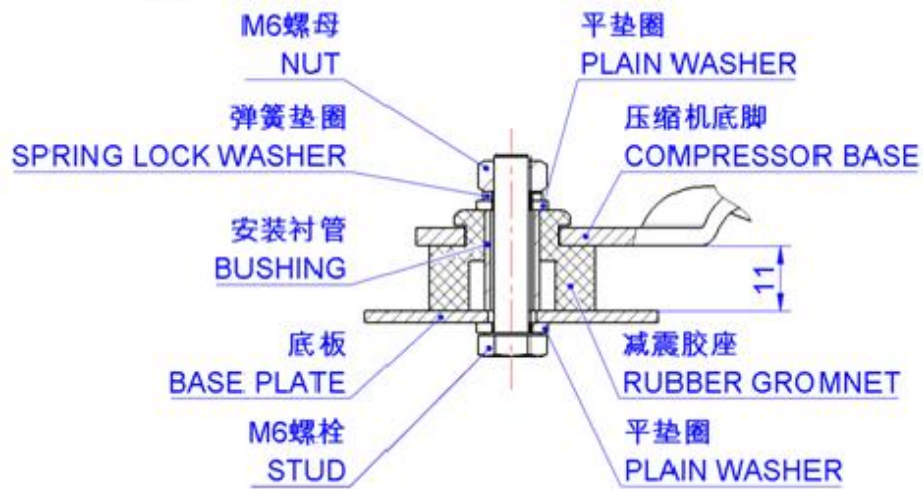
## DIMENSIONES DEL COMPRESOR

### 8、 ( DIMENSIONS FOR COMPRESSOR )

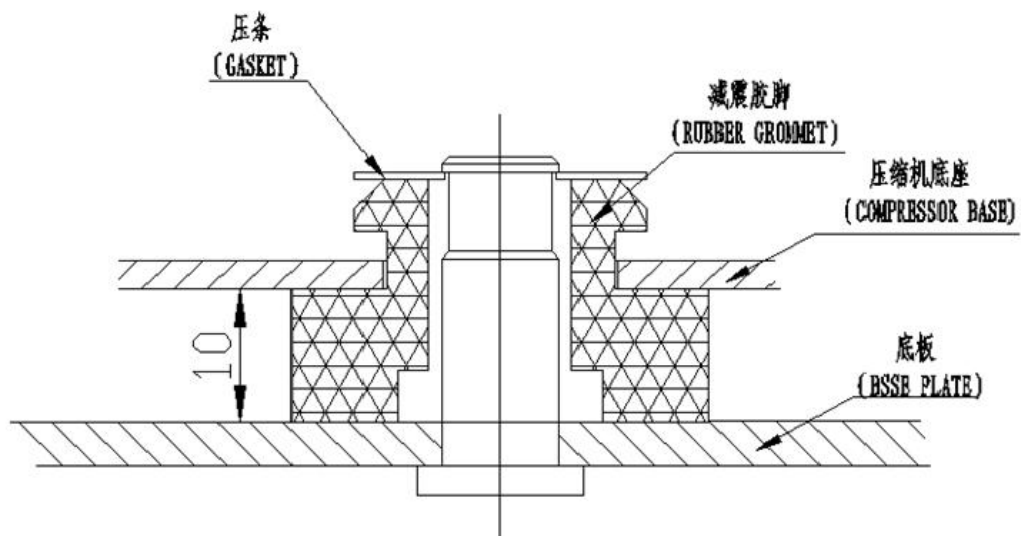


Height value of compressor:  $H=220.5 \pm 2\text{mm}$

9、  **anSal**<sup>®</sup> (GRAM FOR COMPRESSOR)



( MOUNTING TYPE ) : (1)



( MOUNTING TYPE ) : (2)

TRANSPORTATION FOR  
COMPRESSOR

V

## 10、 (TRANSPORTATION FOR COMPRESSOR)

|                   |                                                  |
|-------------------|--------------------------------------------------|
| (Packing type)    | (Disposable)                                     |
| (Transport)       | (Train, bus, vessel)                             |
| (Stacking layers) | (not more than two layers)                       |
| (Model)           | GQR19K                                           |
| (Moving)          | (Keep the compressor normal and vertical status) |