

**Compressor ,ACC Cubigel
,Huayi ,Electrolux ,ZEM
,GP16TG, HMBP,R134a, 200-
220V / 220-230V/1/50/60Hz,
3/8 HP, displacement 16,15
cm³**

written by Lilianne | 23 May 2020

Compressor ,ACC Cubigel ,Huayi ,Electrolux ,ZEM ,GP16TG,
HMBP,R134a, 200- 220V / 220-230V/1/50/60Hz, 3/8 HP,
displacement 16,15 cm³

**Compressor ,ACC Cubigel
,Huayi Electrolux ,ZEM GL80AA
/ GUY75AA, LBP – R134a, 220 –
240V/1/50Hz, 1/4 HP,
discharge 7.52 cm³, motor
type RSIR / RSCR, oil type
ester, oil charge 180 cm³,**

**150 W at -25 / +55 °, input
power, current 146 W, 1.16 A,
expansion device: capillary,
cooling: static, weight 8.6
kg**

written by Lilianne | 23 May 2020

Compressor ,ACC Cubigel ,Huayi Electrolux ,ZEM GL80AA /
GVY75AA, LBP – R134a, 220 – 240V/1/50Hz, 1/5 HP, discharge
7.52 cm³, motor type RSIR / RSCR, oil type ester, oil charge
180 cm³, 150 W at -25 / +55 °, input power, current 146 W,
1.16 A, expansion device: capillary, cooling: static, weight
8.6 kg

**Mbsm.pro , Compressor ACC
,Cubigel Huayi, Electrolux
ZEM, GP12TG, HMBP-R134a,
220-230V ,50/60Hz, 3.8 HP**

written by Jamila | 23 May 2020

Mbsm.pro , Compressor ACC ,Cubigel Huayi, Electrolux ZEM,
GP12TG, HMBP-R134a, 220-230V ,50/60Hz, 3.8 HP



COMPRESSOR

| | |
|---------------------------------|-----------------|
| Displacement (cm ³) | 12 |
| Diameter (mm) | 29.37 |
| Stroke (mm) | 17.8 |
| Net Weight (Kg) | 11.2 |
| Oil type | ISO VG 22 ESTER |
| Oil charge (cm ³) | 400 |

MOTOR

| | |
|------------------------------|-----------|
| Approximate Power (CV) | 3/8 |
| Voltage/Frequency (V/Hz) | 200V 50Hz |
| Voltage range (V) | 170-242 |
| Code | 61.575 |
| Type | CSIR |
| Phase number | 1 PH |
| Locked rotor current (A) | 16.0 |
| Main W. resist. at 25°C (Ω) | 4.59 |
| Start W. resist. at 25°C (Ω) | 16.52 |

APPLICATION

| | |
|-------------------------|-------------------------|
| Application | High/Mid. back pressure |
| Refrigerant | R134a |
| Evaporating (°C) | -25 to 10 |
| Expansion | Capillar/Valve |
| Comp. cooling | Fan cooled |
| Max. ambient temp. (°C) | 43 |

| NOMINAL PERFORMANCE | CYCLE C | CYCLE D |
|---------------------------|---------|---------|
| Cooling capacity (kcal/h) | 768 | 920 |
| Input power (W) | 505 | 530 |
| EER (kcal/Wh) | 1.52 | 1.73 |
| COP (W/W) | 1.76 | 2.01 |
| Current (A) | 3.29 | 3.39 |

TEST CONDITIONS

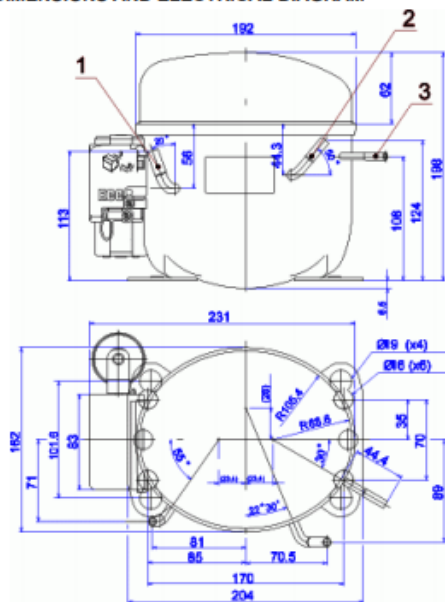
| | | |
|------------------------------|-----------|-----------|
| Evaporating temp. (°C) | 5.0 | 7.2 |
| Condensing temp. (°C) | 55.0 | 55.0 |
| Liq. t. entering expan. (°C) | 55.0 | 46.0 |
| Ambient t. and return (°C) | 32.0 | 35.0 |
| Tens/Freq (V/Hz) | 200V 50Hz | 200V 50Hz |

ELECTRICAL COMPONENTS

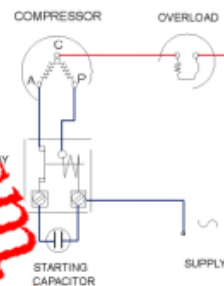
| | |
|-------------|-----------|
| Relay | 2014 149. |
| Pick-Up (A) | 7.80 |


 PictureS Mbsm Dot Pro : www.mbsm.pro
ELECTRICAL COMPONENTS

| | | |
|------------------------------|--------------|--------------|
| Relay | 2014 149. | |
| Pick-Up (A) | 7.80 | |
| Drop-Out (A) | 6.65 | |
| Protector | MRT20APK | T0188 |
| Current (A) | 13.2 | 12.3 |
| Time check (seg) | 7.5-14 | 7.5-14 |
| Disc temp. (Open/Close) (°C) | 105.0 / 61.0 | 115.0 / 61.0 |
| Starting capacitor (μF/V/FV) | 47- 56 / 330 | |

DIMENSIONS AND ELECTRICAL DIAGRAM


| DESIGNATION | INTERNAL DIAM. (MM) |
|-------------------|---------------------|
| 1 Suction/Service | 8,1 |
| 2 Service/Suction | 8,1 |
| 3 Discharge | 6,5 |

CSIR

 PictureS Mbsm Dot Pro : www.mbsm.pro