

KCE444HAG , 3/8 Hp , 230V, 50Hz,  
1Phase , High / Medium temperature  
(HBP / CBP), R-134a

Category: Technologie, Tester ok

written by Lilianne | 12 May 2020

KCE444HAG , 3/8 Hp , 230V, 50Hz, 1Phase , High / Medium temperature (HBP / CBP),  
R-134a

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Compressor ELECTROLUX, CUBIGEL  
, GP12TB , Hermetic piston , ACC , HMBP ,  
moteur HP , 3/8 HP++, 1/2 hp- , 1PH ,  
R134A , Pression 1.7 Bar , 220V

Category: compressor, Technologie, Tester ok

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|                            | Model         | Refr.       | HP  |
|----------------------------|---------------|-------------|-----|
| ▶ <input type="checkbox"/> | <u>GL45PB</u> | HMBP::R134a | 1/6 |
| ▶ <input type="checkbox"/> | <u>GL45PB</u> | HMBP::R134a | 1/6 |
| ▶ <input type="checkbox"/> | <u>GL45TB</u> | HMBP::R134a | 1/6 |
| ▶ <input type="checkbox"/> | <u>GL60PB</u> | HMBP::R134a | 1/5 |
| ▶ <input type="checkbox"/> | <u>GL60TB</u> | HMBP::R134a | 1/5 |
| ▶ <input type="checkbox"/> | <u>GL80PB</u> | HMBP::R134a | 1/5 |
| ▶ <input type="checkbox"/> | <u>GL80TB</u> | HMBP::R134a | F   |
| ▶ <input type="checkbox"/> | <u>GL90TB</u> | HMBP::R134a | 1/4 |
| ▶ <input type="checkbox"/> | <u>GP12TB</u> | HMBP::R134a | 3/8 |

Picture5 Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

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Compressor ELECTROLUX, CUBIGEL GP12TB ,Hermetic piston ,ACC ,HMBP , moteur HP , 3/8 HP , 1PH , R134A , Pression 1.7 Bar

**3/8 HP, using R134a, LBP Wanbao Compressor , Marlboro, ANA120 , 340W**

Category: Technologie, Tester ok  
written by Lilianne | 12 May 2020

3/8 HP, using R134a, LBP Wanbao Compressor , Marlboro, ANA120 , 340W

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

Category: Solutions,Tester ok

written by Jamila | 12 May 2020

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



**cubigel**

compressors

**THERMALLY  
PROTECTED**

**R134a**

**GP12TG**

200-220V~50Hz PH1

220-230V~60Hz

CE



MADE IN  
SPAIN

2  
272

**COMPRESSOR**

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

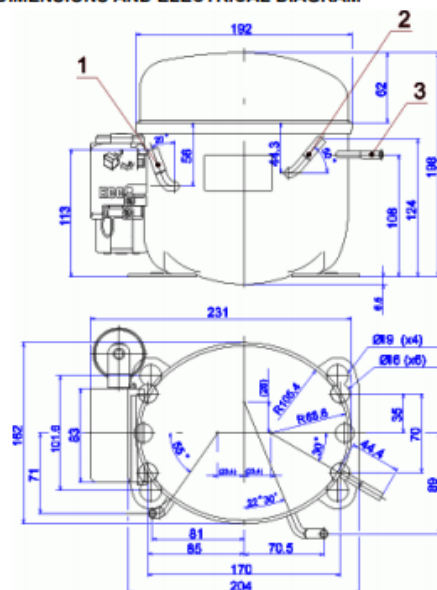
|                             |           |           |
|-----------------------------|-----------|-----------|
| Evaporating temp. (°C)      | 5.0       | 7.2       |
| Condensing temp. (°C)       | 55.0      | 55.0      |
| Liq.t. entering expan. (°C) | 55.0      | 46.0      |
| Ambient t. and return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

**ELECTRICAL COMPONENTS**

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


**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 (μFV/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**
