

Mbsm.pro, Compressor,  
JIAXIPERA, ND1080Y, 1/8HP,  
ND1090Y, 1/8+HP, ND1110Y,  
1/7HP, ND1111Y, 1/6-HP,  
ND1112Y, 1/6+HP, NX1080Y,  
1/8HP, NX1090Y, 1/8+HP,  
NX1110Y, 1/7HP, NX1111Y,  
1/6HP, NX1112Y, 1/6+HP,  
NX1113Y, 1/5HP, NX1114Y,  
1/5+HP, NX1116Y, 1/4HP,  
NX1117Y, 1/4HP, NX1119Y,  
1/4+HP, NX1120Y, 1/4+HP,  
TB1080Y, 1/8HP, TB1090Y,  
1/8+HP, TB1110Y, 1/7HP,  
TB1111Y, 1/6HP, TB1112Y,  
1/6+HP, TB1113Y, 1/5HP,  
TB1114Y, 1/5+HP, TX1080Y,  
1/8HP, TX1090Y, 1/8+HP,

**TX1110Y, 1/7HP, TX1111Y,  
1/6HP, TX1112Y, 1/6+HP,  
TX1113Y, 1/5HP, TX1114Y,  
1/5+HP, VNX1111Y, 1/6HP,  
VNX1113Y, 1/5HP, VNX1116Y,  
1/4HP, ZBX1117CY, 1/4HP,  
ZBX1119CY, 1/4+HP, ZBX1121CY,  
1/4+HP**

written by Lilianne | 27 December 2021

Mbsm.pro, Compressor, JIAXIPERA, ND1080Y, 1/8HP, ND1090Y, 1/8+HP, ND1110Y, 1/7HP, ND1111Y, 1/6-HP, ND1112Y, 1/6+HP, NX1080Y, 1/8HP, NX1090Y, 1/8+HP, NX1110Y, 1/7HP, NX1111Y, 1/6HP, NX1112Y, 1/6+HP, NX1113Y, 1/5HP, NX1114Y, 1/5+HP, NX1116Y, 1/4HP, NX1117Y, 1/4HP, NX1119Y, 1/4+HP, NX1120Y, 1/4+HP, TB1080Y, 1/8HP, TB1090Y, 1/8+HP, TB1110Y, 1/7HP, TB1111Y, 1/6HP, TB1112Y, 1/6+HP, TB1113Y, 1/5HP, TB1114Y, 1/5+HP, TX1080Y, 1/8HP, TX1090Y, 1/8+HP, TX1110Y, 1/7HP, TX1111Y, 1/6HP, TX1112Y, 1/6+HP, TX1113Y, 1/5HP, TX1114Y, 1/5+HP, VNX1111Y, 1/6HP, VNX1113Y, 1/5HP, VNX1116Y, 1/4HP, ZBX1117CY, 1/4HP, ZBX1119CY, 1/4+HP, ZBX1121CY, 1/4+HP



**ZBX 1119 CY**  
**1 / 4 + HP**

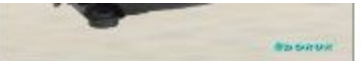


**ZBX 1121 CY**  
**1 / 4 + HP**

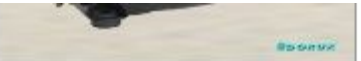


**ZBX 1122 CY**  
**1 / 4 + HP**

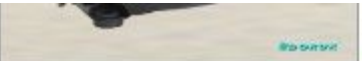
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**TX 1110 Y**  
**1 / 7 HP**



**TX 1111 Y**  
**1 / 6 HP**



**TX 1112 Y**  
**1 / 6 + HP**



**TX 1113 Y**  
**1 / 5 HP**



**TX 1114 Y**  
**1 / 5 + HP**



**VNX 1111 Y**  
**1 / 6 HP**



**VNX 1113 Y**  
**1 / 5 HP**



**VNX 1116 Y**  
**1 / 4 HP**



**ZBX 1117 CY**  
**1 / 4 HP**

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**TB 1080 Y**  
**1 / 8 HP**



**TB 1090 Y**  
**1 / 8 + HP**



**TB 1110 Y**  
**1 / 7 HP**



**TB 1111 Y**  
**1 / 6 HP**



**TB 1112 Y**  
**1 / 6 + HP**



**TB 1113 Y**  
**1 / 5 HP**



**TB 1114 Y**  
**1 / 5 + HP**



**TX 1080 Y**  
**1 / 8 HP**



**TX 1090 Y**  
**1 / 8 + HP**



**MH 1110 Y**

**1 / 6 - HP**

**ND 1070 Y**

**1 / 9 HP**

**ND 1080 Y**

**1 / 8 HP**



**ND 1090 Y**

**1 / 8 + HP**



**ND 1110 Y**

**1 / 7 HP**



**ND 1111 Y**

**1 / 6 - HP**



**ND 1112 Y**

**1 / 6 + HP**



**NX 1080 Y**

**1 / 8 HP**



**NX 1090 Y**

**1 / 8 + HP**



**JK 1080 Y**

**1 / 8 + HP**



**JK 1090 FY**

**1 / 6 - HP**



**JK 1110 Y**

**1 / 7 HP**



**JK 1111 HY**

**1 / 6 - HP**



**MH 1050 Y**

**1 / 12 HP**



**MH 1090 Y**

**1 / 8 + HP**

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**Mbsm.pro, Deep, freezer,  
congela, 383 Litre,  
Compressor, R134A, 215W, 1/4**

# Hp++, 1/3 Hp-, 215W

written by Lilianne | 27 December 2021

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 , □ □□□□ □□□□□, □□□□ □□□□□ □□□□□hp







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| DOMESTIC SINGLE DOOR FRIDGE |            |                 |   |           |
|-----------------------------|------------|-----------------|---|-----------|
| 4 to 5                      | Cubic Feet | (113-160 Ltr)   | = | 1\12 H.P. |
| 6 to 7                      | Cubic Feet | (170 -198 Ltr)  | = | 1\10 H.P. |
| 8 to 9                      | Cubic Feet | (226-254 Ltr)   | = | 1\8 H.P.  |
| 9 to 13                     | Cubic Feet | (283 - 370 Ltr) | = | 1\6 H.P.  |
| DOMESTIC DOUBLE DOOR FRIDGE |            |                 |   |           |
| 9 to 12                     | Cubic Feet | (226-340 Ltr)   | = | 1\5 H.P.  |
| 13 to 17                    | Cubic Feet | (370-481 Ltr)   | = | 1\4 H.P.  |
| 17 to 22                    | Cubic Feet | (509-623Ltr)    | = | 1\3 H.P.  |

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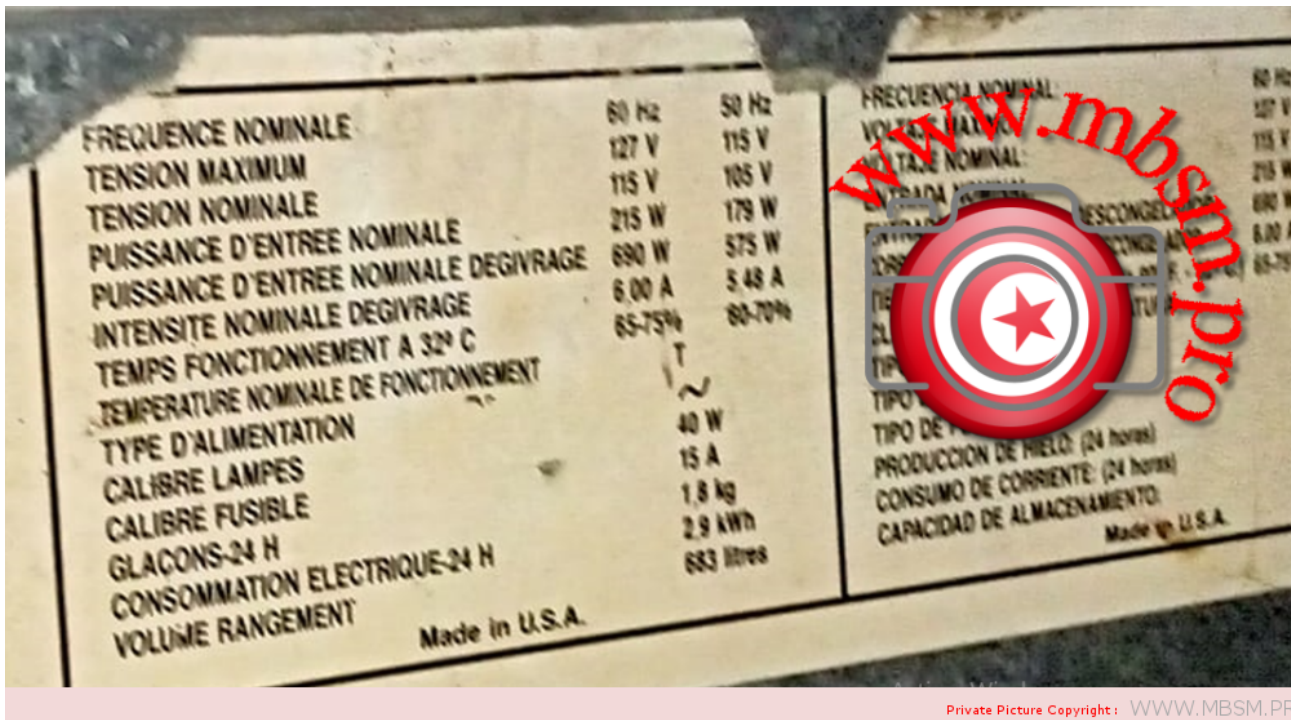
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جدول قدرة المضاطة بالنسبة لحجم الثلاجة أو الفريزر

| المضاطة بالحجم               | 1/12 | 1/10 | 1/8 | 1/6 | 1/5 | 1/4 | 1/3 | 1/2 |
|------------------------------|------|------|-----|-----|-----|-----|-----|-----|
| الثلاجة                      | قدم  | 4    | 6   | 8   | 10  | 12  | 14  | 16  |
|                              | لتر  | 113  | 170 | 227 | 283 | 340 | 396 | 453 |
| الفريزر                      | قدم  |      |     | 6   | 8   | 10  | 12  | 14  |
|                              | لتر  |      |     | 170 | 200 | 283 | 340 | 396 |
| الفريزر العرض بالاقرب بالمتر |      |      | 50  | 70  | 90  | 120 | 144 | 170 |

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**Mbsm.pro, Refrigeration,  
Compressor, GQR12TG, 3/8+ hp  
(big) ++, HBP, 1168W, 1/2 Hp  
(LBP) , CSIR, R134A, Starting  
Capacitor 80UF, Displacement  
12.0cm<sup>3</sup>**

written by Lilianne | 27 December 2021



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**GQR12TG Freezing**



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The GQR12TG is a hermetic reciprocating compressor manufactured by Sikelan. It is a 3/8 HP compressor that uses R134a refrigerant. It is designed for use in commercial refrigeration applications, such as water dispensers, ice machines, and small freezers.

The GQR12TG has a displacement of 12.8 cc and a cooling capacity of 1168 W. It has a voltage rating of 220-240 V and a frequency rating of 50-60 Hz. The compressor is also equipped with a current relay for starting.

Here are some of the key features of the GQR12TG compressor:

- 3/8 HP
- R134a refrigerant
- 12.8 cc displacement
- 1168 W cooling capacity
- 220-240 V voltage

- 50-60 Hz frequency
- Current relay for starting
- High back pressure design

|                                  |                    |
|----------------------------------|--------------------|
| Vol./Freq.□                      | 220-240V / 50-60Hz |
| Cooling Capacity□                | 1168W              |
| C.O.P□                           | 2.20               |
| Horse Power□                     | 3/8+               |
| Refrigerant□                     | R134A              |
| Application□                     | HBP                |
| The Evaporating Temperature (W)□ | 7.2°C              |

- 1)GQR12TG, WZ series, use R134A refrigerant;
- 2)Voltage application 220V to 240V;
- 3)Frequency for 50/60HZ;
- 4)Motor type: CSIR;
- 5)Cooling type: Fan;
- 6)Starting device is Current Starting Relay;
- 7)Application: Middle/Hight Back Pressure;
- 8)Nominal power is 3/8+HP;
- 9)COP is 2.3 with the cooling capacity 1168W.

#### 1. Product Performance

- 1)GQR12TG, WZ series, use R134A refrigerant;
- 2)Voltage application 220V to 240V;
- 3)Frequency for 50/60HZ;
- 4)Motor type: CSIR;
- 5)Cooling type: Fan;
- 6)Starting device is Current Starting Relay;
- 7)Application: Middle/Hight Back Pressure;
- 8)Nominal power is 3/8+HP;
- 9)COP is 2.2 with the cooling capacity 1168W.

Basing on Test Condition(ASHRAE)

Evaporating Temperature: -23.3 degree  
 Ambient Temperature: 35 degree  
 Subcooling Temperature: 46.1 degree  
 Condensing Temperature: 54.4 degree  
 Suction Temperature: 35 degree

## 2.Compressor Specification

| Serial                      | Model   | HP        | (V/Hz)    | Displacement (cm3) | Cooling Capacity -ASHRAE | Motor type | Starting Device | Starting capacitor (uF) | Running capacitor (uF) | Cooling        |             |           |              |      |       |     |      |      |      |      |      |                            |    |   |   |
|-----------------------------|---------|-----------|-----------|--------------------|--------------------------|------------|-----------------|-------------------------|------------------------|----------------|-------------|-----------|--------------|------|-------|-----|------|------|------|------|------|----------------------------|----|---|---|
| Test Conditions:+7.2°C(45F) |         |           |           |                    | 10°C(50F)                |            |                 |                         |                        |                |             |           |              |      |       |     |      |      |      |      |      |                            |    |   |   |
| W                           | Btu/h   | W         | Btu/h     | W                  | Btu/h                    | W          | Btu/h           | Capacity (W)            | Capacity (Btu/h)       | Input Power(w) | Current (A) | COP (W/W) | COP (Btu/Wh) | W    | Btu/h |     |      |      |      |      |      |                            |    |   |   |
| L                           | GQR30TG | 1/10      | 220V/50Hz | 3.0                | 115                      | 392        | 145             | 495                     | 185                    | 631            | 230         | 785       | 310          | 1058 | 140   | 0.9 | 2.2  | 7.56 | 365  | 1245 | RSIR | PTC/Current Starting Relay | /  | / | F |
| GQR35TG                     | 1/9     | 220V/50Hz | 3.5       | 135                | 461                      | 175        | 597             | 195                     | 665                    | 285            | 972         | 430       | 1467         | 195  | 1.1   | 2.2 | 7.52 | 475  | 1621 | RSIR | /    | /                          | /  | F |   |
| MS                          | GQR45TG | 1/6       | 220V/50Hz | 4.5                | 176                      | 601        | 230             | 785                     | 280                    | 955            | 350         | 1194      | 480          | 1638 | 220   | 1.2 | 2.2  | 7.44 | 525  | 1791 | RSIR | PTC/Current Starting Relay | /  | / | F |
| GQR55TG                     | 1/6+    | 220V/50Hz | 5.5       | 188                | 641                      | 245        | 836             | 310                     | 1058                   | 390            | 1331        | 525       | 1791         | 250  | 1.3   | 2.1 | 7.17 | 575  | 1962 | RSIR | /    | /                          | /  | F |   |
| MK                          | GQR60TG | 1/4       | 220V/50Hz | 6.5                | 258                      | 880        | 335             | 1143                    | 435                    | 1484           | 545         | 1860      | 665          | 2269 | 290   | 1.7 | 2.3  | 7.82 | 705  | 2405 | RSIR | PTC/Current Starting Relay | /  | / | F |
| GQR70TG                     | 1/4     | 220V/50Hz | 7.0       | 285                | 972                      | 370        | 1262            | 480                     | 1638                   | 595            | 2030        | 720       | 2457         | 340  | 1.9   | 2.1 | 7.23 | 765  | 2610 | RSIR | /    | /                          | /  | F |   |
| GQR80TG                     | 1/4+    | 220V/50Hz | 8.0       | 324                | 1105                     | 420        | 1433            | 550                     | 1877                   | 680            | 2320        | 810       | 2764         | 370  | 2.0   | 2.2 | 7.47 | 855  | 2917 | RSIR | /    | /                          | /  | F |   |
| GQR90TG                     | 1/3-    | 220V/50Hz | 9.1       | 365                | 1245                     | 474        | 1617            | 621                     | 2119                   | 768            | 2620        | 910       | 3105         | 420  | 2.2   | 2.2 | 7.39 | 955  | 3258 | RSIR | /    | /                          | /  | F |   |
| WZ                          | GQR80TG | 1/4+      | 220V/50Hz | 8.0                | 324                      | 1105       | 420             | 1433                    | 550                    | 1877           | 680         | 2320      | 810          | 2764 | 370   | 2.0 | 2.2  | 7.47 | 855  | 2917 | CSIR | Current Starting Relay     | 80 | / | F |
| GQR90TG                     | 1/3-    | 220V/50Hz | 9.1       | 365                | 1245                     | 474        | 1617            | 621                     | 2119                   | 768            | 2620        | 910       | 3105         | 420  | 2.2   | 2.2 | 7.39 | 955  | 3258 | CSIR | 80   | /                          | /  | F |   |
| GQR11TG                     | 3/8     | 220V/50Hz | 11.0      | 412                | 1406                     | 536        | 1829            | 702                     | 2395                   | 868            | 2962        | 1034      | 3528         | 450  | 2.7   | 2.3 | 7.84 | 1079 | 3682 | CSIR | 80   | /                          | /  | F |   |
| GQR12TG                     | 3/8+    | 220V/50Hz | 12.8      | 467                | 1593                     | 606        | 2068            | 793                     | 2706                   | 981            | 3347        | 1168      | 3985         | 530  | 3.2   | 2.2 | 7.52 | 1208 | 4122 | CSIR | 80   | /                          | /  | F |   |
| GQR14TG                     | 1/2     | 220V/50Hz | 14.2      | 527                | 1798                     | 685        | 2337            | 896                     | 3057                   | 1108           | 3780        | 1320      | 4504         | 580  | 3.4   | 2.3 | 7.77 | 1365 | 4657 | CSIR | 80   | /                          | /  | F |   |
| GQR16TG                     | 1/2+    | 220V/50Hz | 15.3      | 580                | 1979                     | 754        | 2573            | 1012                    | 3453                   | 1252           | 4272        | 1492      | 5091         | 640  | 3.8   | 2.3 | 7.95 | 1535 | 5237 | CSIR | 80   | /                          | /  | F |   |
| GQR19TG                     | 3/4     | 220V/50Hz | 19.0      | 755                | 2576                     | 940        | 3207            | 1175                    | 4009                   | 1255           | 4282        | 1850      | 6312         | 804  | 4.5   | 2.3 | 7.85 | 1895 | 6466 | CSIR | 80   | /                          | /  | F |   |

| KONOR   | Displ. | power | Motor type | V/Hz          | Cooling capacity W | Net Weight KG |
|---------|--------|-------|------------|---------------|--------------------|---------------|
| GQR60AA | 6      | 1/6   | RSIR       | 220-240V/50Hz | 140                | 9.4           |
| GQR70AA | 6.6    | 1/5   | RSIR       | 220-240V/50Hz | 165                | 9.4           |
| GQR80AA | 8.1    | 1/4   | RSIR       | 220-240V/50Hz | 198                | 9.4           |
| GQR90AA | 9.1    | 1/4   | RSIR       | 220-240V/50Hz | 220                | 10.1          |
| GQY99AA | 9.9    | 1/4   | RSIR       | 220-240V/50Hz | 270                | 10.9          |
| GQY12AF | 11.8   | 1/3   | CSIR       | 220-240V/50Hz | 325                | 10.56         |
| GQY16AF | 16.2   | 3/8   | CSIR       | 220-240V/50Hz | 380                | 12.1          |
| GP16MG  | 16.2   | 5/8   | CSIR       | 220-240V/50Hz | 870                | 12.5          |
| GP12MG  | 11.8   | 5/8   | CSIR       | 220-240V/50Hz | 656                | 10.9          |
| GP12TG  | 11.8   | 3/8   | CSIR       | 220-240V/50Hz | 1140               | 11.8          |
| GQR80TG | 8.1    | 1/4   | CSIR       | 220-240V/50Hz | 730                | 9.8           |
| GQR90TG | 9.1    | 1/4   | CSIR       | 220-240V/50Hz | 830                | 10.5          |
| GQR60TG | 6      | 1/5   | CSIR       | 220-240V/50Hz | 520                | 9.8           |



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|          |                         |           |                |              |                |                                   |                 |                  |
|----------|-------------------------|-----------|----------------|--------------|----------------|-----------------------------------|-----------------|------------------|
| 153      | L QD35HG                | 1/11      | 3,5            |              |                | 75                                | шт              | 16720            |
| 154      | ML ADW51                | 1/6       | 5,1            |              |                | 125                               | шт              | 19360            |
| 155      | ML ADW57                | 1/5-      | 5,7            |              |                | 135                               | шт              | 19800            |
| 156      | ML ADW66                | 1/4-      | 6,6            |              |                | 165                               | шт              | 0                |
| 157      | MX ADW77                | 1/4       | 7,7            |              |                | 185                               | шт              | 0                |
| 158      | MX ADW86                | 1/4+      | 8,6            |              |                | 200                               | шт              | 23760            |
| 159      | MX ADW91                | 1/3-      | 9,1            |              |                | 220                               | шт              | 0                |
| 160      | MQ ADW110               | 1/3       | 11,0           |              |                | 270                               | шт              | 0                |
| 161      | MQ ADW128               | 3/8+      | 12,8           |              |                | 320                               | шт              | 27720            |
| 162      | MQ ADW142               | 1/2-      | 14,2           |              |                | 350                               | шт              | 28600            |
| 163      | MQ ADW153               | 1/2       | 15,3           |              |                | 380                               | шт              | 29040            |
| 164      | MQ ADW168               | 1/2+      | 16,8           |              |                | 430                               | шт              | 29480            |
| <b>№</b> | <b>Модель HBP R134a</b> | <b>HP</b> | <b>см3/час</b> | <b>Мотор</b> | <b>Обмотка</b> | <b>Мощность, ватт 7,2/54,4C</b>   | <b>Ед. изм.</b> | <b>Цена, тг.</b> |
| 165      | MQ GQR12TG              | 3/8+      | 12,7           | SIR          | медь (Cu)      | 1300                              | шт              | 29480            |
| 166      | MQ GQR14TG              | 1/2       | 14,3           |              |                | 1450                              | шт              | 30800            |
| 167      | MQ GQR16TG              | 1/2+      | 15,3           |              |                | 1490                              | шт              | 32120            |
| <b>№</b> | <b>Модель LBP R404a</b> | <b>HP</b> | <b>см3/час</b> | <b>Мотор</b> | <b>Обмотка</b> | <b>Мощность, ватт -23,3/54,4C</b> | <b>Ед. изм.</b> | <b>Цена, тг.</b> |
| 168      | MQ GQR80K               | 1/3+      | 8,0            | CSIR         | медь (Cu)      | 465                               | шт              | 30800            |
| 169      | MQ GQR90K               | 1/2-      | 9,0            |              |                | 515                               | шт              | 31680            |
| 170      | MD GQR11K               | 1/2       | 11,0           |              |                | 565                               | шт              | 0                |
| 171      | MD GQR12K               | 3/4       | 12,1           |              |                | 640                               | шт              | 45320            |
| 172      | MD GQR14K               | 3/4       | 14,3           | CSR          | медь (Cu)      | 750                               | шт              | 47080            |
| 173      | MD GQR16K               | 4/5       | 16,2           |              |                | 850                               | шт              | 47960            |
| 174      | MD GQR19K               | 7/8       | 19,0           |              |                | 920                               | шт              | 49280            |

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**Mbsm.pro, Refrigerator,  
Compressor, Samsung, 1/4 Hp,  
r134a, 150g, MK172HL1UA,  
MK172H-L1UA, MK172HL1UA/TSE,  
200/220V-50HZ/ 135W,  
200/220V-60HZ/159W, RSCR**

written by Lilianne | 27 December 2021



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# Mbsm.pro, Compressor, cubigel, huayi, ACC, Electrolux, HPY14AA, LBP, R600a, 1/5HP, 220-240V/1/50Hz, 166 W

written by Lilianne | 27 December 2021

Compressors/Compressors ACC – Electrolux HP14AH, LBP – R600a, Power consumption 1/5HP, 220-240V/1/50Hz, Motor type RSIR, Injection: Capillary operation, Displacement 14.32 cm<sup>3</sup>, Oil type ISO VG10 Mineral oil, Oil quantity 300 cm<sup>3</sup>, Power 147 W at -25 / +55 °C, Power consumption 166 W, Power 0.0 W, Cooling capacity

| -10 °C                              | -15 °C | -20 °C | -25 °C | -30 °C      | -35 °C |
|-------------------------------------|--------|--------|--------|-------------|--------|
| 344                                 | 276    | 216    | 166    | 124         | 92     |
| <b>Shipping Class</b>               |        |        |        | Standard    |        |
| <b>Scope Of Application</b>         |        |        |        | LBP         |        |
| <b>Lieferzeit</b>                   |        |        |        | 2-3 Wochen  |        |
| <b>Type Of Construction</b>         |        |        |        | Piston      |        |
| <b>Condensation Temperature</b>     |        |        |        | 55°C        |        |
| <b>Maker</b>                        |        |        |        | ACC         |        |
| <b>Manufacturer No.</b>             |        |        |        | HPY14AA     |        |
| <b>Displacement In Cm3</b>          |        |        |        | 14.32       |        |
| <b>Measuring Requirements</b>       |        |        |        | Ashrae      |        |
| <b>Refrigerants</b>                 |        |        |        | R600a       |        |
| <b>Series</b>                       |        |        |        | HPY         |        |
| <b>Condensing Units Compressors</b> |        |        |        | Compressors |        |
| <b>Suspense</b>                     |        |        |        | 220-240V    |        |

|                     |           |
|---------------------|-----------|
| <b>Weight In Kg</b> | <b>13</b> |
|---------------------|-----------|

Compressor ACC Cubigel Huayi Electrolux ZEM HPY14AA, LBP - R600a, 220- 240V/1/50Hz, 1/5 HP, discharge 14.32 cm<sup>3</sup>, motor type RSIR, oil type ISO VG10 mineral, oil charge 300 cm<sup>3</sup>, 166 W at -25 / +55 °, input power, current 147 W, 0.96 A, expansion device: capillar, cooling: static, weight 11 kg , the statutory warranty period shall apply (24 months), Delivery time Info: with “immediately available” and “scarce stock”, usually delivery within 2 days. For “currently not available” delivery time usually 2 weeks or delivery time in urgent cases contact us.

|   |                          |
|---|--------------------------|
| Refrigerant:                            | R600a                    |
| Power range(W):                         | 101 – 200 W              |
| Performance range (C):                  | -35 C to -10 C           |
| Connecting size:                        | 6,5 mm                   |
| Suction:                                | 8,1 mm                   |
| Working area:                           | LBP                      |
| Design type:                            | Hermetic                 |
| Model series:                           | HPY                      |
| Use with:                               | Capillary                |
| Power range(HP):                        | 0-2                      |
| Power supply:                           | 230 V                    |
| Oil type:                               | ISO VG 10 Mineral        |
| Engine type:                            | RSIR                     |
| Article condition:                      | New                      |
| Info:                                   | Oil filled               |
| Shipping weight:                        | 13,00 Kg                 |
| Dimensions ( length × width × height ): | 20,40 × 16,20 × 19,60 cm |

|                             |                                     |
|-----------------------------|-------------------------------------|
| customs tariff number:      | 84143081                            |
| Cooling capacity condition: | T0 -25 C, Tk +55 C                  |
| Manufacturer:               | ACC Cubigel Huayi<br>Electrolux ZEM |
| Model:                      | HPY14AA                             |
| Modelname:                  | HP14AH                              |
| Stroke volume (cm3):        | 14,32                               |
| Cooling capacity (W):       | 147                                 |
| Power (HP):                 | 0,25                                |
| Max. Starting current (A):  | 11,5                                |
| Max. Operating current (A): | 0,96                                |
| Engine type:                | RSIR                                |
| Note:                       | Static cooling                      |
| Oil quantity (l):           | 0,3                                 |
| Compressor type:            | Piston                              |
| Power range:                | -35 C to -10 C                      |
| Alternative:                | NBM1118Y , EMX70CLC ,<br>NBM1116Y   |
| Pressure line (mm):         | 6,5                                 |
| Suction line (mm):          | 8,1                                 |







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# Mbsm.pro, 5HP, 3PH, DAIKIN, scroll, compressor, JT160BCBY1L, 15000W

written by Lilianne | 27 December 2021

Nominal Capacity: 51200 BTU/H(61100 BTU/H),15KW(17.9KW)

Output: 5 HP

Power Source : 380V 50/60Hz 3 PHASE

Testing Power Source: 380V 50(60Hz)

Input : 4.66 KW(5.54KW)

Current: 8.6 A(9.2A)

COP: 3.22(3.23) W/W

Capacity: 83.1 cubic centimeter/r

|                     |          |
|---------------------|----------|
| <b>Color:</b>       | Black    |
| <b>Voltage:</b>     | 380-415V |
| <b>Frequency:</b>   | 50Hz     |
| <b>Horse Power:</b> | 5HP      |
| <b>Capacity:</b>    | 15000W   |
| <b>Oil Charge:</b>  | 1.4L     |

Daikin Scroll Compressor JT160BCBY1L for Air Conditioner  
air conditioner compressor parts Daikin compressor JT160BCBY1L

Technical data

Daikin Scroll Compressor JT series

| Model                | Output (HP)      | Power Source (V/Hz) | Performance |
|----------------------|------------------|---------------------|-------------|
| Nominal Capacity (W) | Input Power (Kw) | COP (W/W)           | Noise (dB)  |

|              |           |                              |                     |           |             |           |           |              |       |
|--------------|-----------|------------------------------|---------------------|-----------|-------------|-----------|-----------|--------------|-------|
| JT90BCB-Y1L  | 3         | 220/50                       | 8540                | 2.89      | 2.96        | 58        |           |              |       |
| JT90BC-Y1L   | 3         | 380/50                       | 8540                | 2.75      | 3.11        | 58        |           |              |       |
| JT95BCB-Y1L  | 3         | 380/50                       | 8540                | 2.75      | 3.11        | 58        |           |              |       |
| JT95BC-Y1L   | 3         | 380/50                       | 9030                | 2.89      | 3.12        | 58        |           |              |       |
| JT125BC-Y1L  | 4         | 380/50                       | 11900               | 3.8       | 3.13        | 60        |           |              |       |
| 380/60       | 14200     | 4.53                         | 3.13                | 63        |             |           |           |              |       |
| JT125BCB-Y1L | 4         | 380/50                       | 11900               | 3.8       | 3.13        | 60        |           |              |       |
| 380/60       | 14200     | 4.53                         | 3.13                | 63        |             |           |           |              |       |
| JT160BC-Y1L  | 5         | 380/50                       | 15000               | 4.66      | 3.22        | 60        |           |              |       |
| 380/60       | 17900     | 5.53                         | 3.23                | 63        |             |           |           |              |       |
| JT160BCB-Y1L | 5         | 380/50                       | 15000               | 4.66      | 3.22        | 60        |           |              |       |
| 380/60       | 17900     | 5.53                         | 3.23                | 63        |             |           |           |              |       |
| JT212D-Y1L   | 7.5       | 380/50                       | 21500               | 6.49      | 3.31        | 72        |           |              |       |
| JT212D-YE    | 400/60    | 25100                        | 7.66                | 3.28      | 75          |           |           |              |       |
| JT236D-Y1L   | 7.5       | 380/50                       | 24000               | 7.2       | 3.33        | 72        |           |              |       |
| JT236D-YE    | 400/60    | 28300                        | 8.53                | 3.32      | 75          |           |           |              |       |
| JT265D-Y1L   | 8         | 380/50                       | 26700               | 7.95      | 3.36        | 72        |           |              |       |
| JT265D-YE    | 400/60    | 31800                        | 9.45                | 3.37      | 75          |           |           |              |       |
| JT300D-Y1L   | 10        | 380/50                       | 29900               | 8.85      | 3.38        | 72        |           |              |       |
| JT300D-YE    | 400/60    | 35200                        | 10.4                | 3.38      | 75          |           |           |              |       |
| JT315D-Y1L   | 11        | 380/50                       | 31100               | 9.15      | 3.4         | 72        |           |              |       |
| JT335D-Y1L   | 12        | 380/50                       | 34000               | 9.98      | 3.41        | 72        |           |              |       |
| JT335D-YE    | 400/60    | 40100                        | 11.8                | 3.4       | 75          |           |           |              |       |
| Model        | Power(HP) | Voltage                      | Test Voltage        | Capacity  | Input power | Current   | COP       | Displacement |       |
|              |           |                              | KW                  | BTU/H     | KW          | A         | W/W       | Cm3/r        |       |
| JT212DA-Y1   | 7         | 380-415V,3P,50Hz             | 380V/50Hz           | 18.9      | 64500       | 6.87      | 11.7      | 2.75         | 117.3 |
| JT265DA-Y1   | 8.5       |                              | 23.4                | 79800     | 8.36        | 14.1      | 2.8       | 144.7        |       |
| JT300DA-Y1   | 10        | 400V/50Hz                    | 26.5                | 90400     | 9.44        | 16        | 2.81      | 163          |       |
| JT335DA-Y1   | 12        |                              | 29.9                | 102000    | 10.7        | 17.9      | 2.79      | 184.2        |       |
| JT300DA-Y1L  | 10        | 380V/50Hz                    | 29.6                | 101000    | 9.55        | 16.4      | 3.1       | 163          |       |
| JT335DA-Y1L  | 12        | 33.7                         | 115000              | 10.81     | 18.3        | 3.12      | 184.2     |              |       |
| JT212D-P1YE  | 7         | 380-415V/400-440V,3P,50/60Hz | 380V/50Hz;400V/60Hz | 21.3/24.9 | 73400/85700 | 6.56/7.74 | 11.3/11.9 | 3.25/3.22    | 117.3 |
| JT236D-P1YE  | 7.5       | 380V/50Hz                    | 23.8                | 81900     | 7.27        | 12.4      | 3.27      | 131          |       |
| 400V/60Hz    | 28.1      | 96600                        | 8.62                | 13.2      | 3.26        |           |           |              |       |
| JT265D-P1YE  | 8.5       | 380V/50Hz                    | 26.5                | 91100     | 8.03        | 13.7      | 3.3       | 144.7        |       |
| 400V/60Hz    | 31.5      | 108500                       | 9.55                | 14.6      | 3.3         |           |           |              |       |
| JT300D-P1YE  | 10        | 380V/50Hz                    | 29.6                | 102000    | 8.94        | 15.2      | 3.31      | 163          |       |

|             |      |           |       |        |       |      |      |       |
|-------------|------|-----------|-------|--------|-------|------|------|-------|
| 400V/60Hz   | 34.9 | 120200    | 10.51 | 16.2   | 3.32  |      |      |       |
| JT335D-P1YE | 12   | 380V/50Hz | 33.7  | 116000 | 10.08 | 17.2 | 3.34 | 184.2 |
| 400V/60Hz   | 39.4 | 136900    | 11.92 | 18.4   | 3.34  |      |      |       |



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ManualTélécharger

# LG, compressor, 1/10, 1/8, 1/6, 1/5, 1/4, 1/3, hp power, wattage, capillary, amperes

written by Lilianne | 27 December 2021

Refrigerator compressor LG India full data HP codes, amperes, capillary tube, wattage trace Hp power and connect size wise capillary tube

| Capillary | Ampair | Wattage | Codes     | Hp Power |
|-----------|--------|---------|-----------|----------|
| 0.028     | 0.75   | 63      | NS36LAEG  | 1\10     |
| 0.033     | 0.81   | 77      | MSA43LBEG | 1\8      |
| 0.033     | 1.12   | 116     | MA53LAEG  | 1\6      |
| 0.033     | 1.12   | 142     | MA57LBEG  | 1\6+     |
| 0.036     | 1.35   | 160     | MA62LCEG  | 1\5      |
| 0.040     | 1.35   | 174     | MA69LCEG  | 1\5+     |
| 0.040     | 1.4    | 200     | MA72LCEG  | 1\4      |
| 0.042     | 1.6    | 210     | MA88LCEG  | 1\3      |
| 0.042     | 1.6    | 279     | MA98LAEM  | 1\3+     |

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## High, Efficiency, R134a,

# Hermetic, Compressor, GPY16AF, RoHS, 3/8hp, csir, 1bp, 220v, 380w

written by Lilianne | 27 December 2021

## R134a GPY16AF series sealed refrigeration compressor 220-240v/50Hz

The main feature:  
strong loading capacity,  
high efficiency,  
low noise,  
light vibration,  
good reliability.

suitable for mid-size refrigerators, freezers, displayers,  
beer displayers and other mid-size refrigeration appliances.

The structure form is hermetical crank connecting-rod  
reciprocating piston type.

They are the best selling high-tech compressors sold in the  
world. They are ideal for domestic refrigeration and also for  
small commercial applications. They are small, have low noise  
and vibration levels, they achieve the highest levels of  
efficiency available in the market for this category.

| KONOR   | Displ. | power | Motor type | V/Hz          | Cooling capacity W | Net Weight | KG    |
|---------|--------|-------|------------|---------------|--------------------|------------|-------|
| GQR60AA | 6      | 1/6   | RSIR       | 220-240V/50Hz | 140                |            | 9.4   |
| GQR70AA | 6.6    | 1/5   | RSIR       | 220-240V/50Hz | 165                |            | 9.4   |
| GQR80AA | 8.1    | 1/4   | RSIR       | 220-240V/50Hz | 198                |            | 9.4   |
| GQR90AA | 9.1    | 1/4   | RSIR       | 220-240V/50Hz | 220                |            | 10.1  |
| GQY99AA | 9.9    | 1/4   | RSIR       | 220-240V/50Hz | 270                |            | 10.9  |
| GQY12AF | 11.8   | 1/3   | CSIR       | 220-240V/50Hz | 325                |            | 10.56 |
| GQY16AF | 16.2   | 3/8   | CSIR       | 220-240V/50Hz | 380                |            | 12.1  |
| GP16MG  | 16.2   | 5/8   | CSIR       | 220-240V/50Hz | 870                |            | 12.5  |
| GP12MG  | 11.8   | 5/8   | CSIR       | 220-240V/50Hz | 656                |            | 10.9  |
| GP12TG  | 11.8   | 3/8   | CSIR       | 220-240V/50Hz | 1140               |            | 11.8  |
| GQR80TG | 8.1    | 1/4   | CSIR       | 220-240V/50Hz | 730                |            | 9.8   |
| GQR90TG | 9.1    | 1/4   | CSIR       | 220-240V/50Hz | 830                |            | 10.5  |

|         |   |     |      |               |     |     |
|---------|---|-----|------|---------------|-----|-----|
| GQR60TG | 6 | 1/5 | CSIR | 220-240V/50Hz | 520 | 9.8 |
|---------|---|-----|------|---------------|-----|-----|

## Specification

Hermetic motor driven the piston connecting rod type compressor. With relay start-up of hammer type, and equipped with overload protector.

## Application

Widely used in home and commercial refrigerator, air-curtain cabinet, display showcase, ice maker, chiller freezer, dehumidifier, etc.

**R134a LBP Fan Cooling Compressor**

**Model: GPY16AF**

**Power: 3/8HP**

**Displacement: 16.2cm<sup>3</sup>**

**Capacity: 380w**

**COP: 1.3W**

**Voltage: 200-240V/50HZ**

**Motor Way: CSIR**

**Application: LBP**

**Cooling Type: Fan Cooling**

**Height: 210mm**

**Net Weight: 12.9kg**

**Dimension: 210\*162\*237.2 (mm)**

|  |
|--|
| <b>Test Conditions (ASHRAE)</b>        |
| <b>Evaporating temperature -23.3°C</b> |
| <b>Condensing temperature 54.4°C</b>   |



|                               |  |  |  |
|-------------------------------|--|--|--|
| Subcooling temperature 32.2°C |  |  |  |
| Suction temperature 32.2°C    |  |  |  |
| Ambient temperature 32.2°C    |  |  |  |
| Conversion:                   |  |  |  |
| 1watt=3.41Btu/h=0.86kcal/h    |  |  |  |



● ○ REDMI NOTE 9  
 ∞ AI QUAD CAMERA

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# L111CYA, COMPRESSOR, ASSY, Indesit , Ariston, whirlpool, 1/5hp, 1bp, 180W, r600a

written by Lilianne | 27 December 2021



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**HGX12P/75-4,**

**R410A,**

# compressor, semi-hermétique, BOCK, 25,0 hp

written by Lilianne | 27 December 2021

HGX12P/75-4 R410A

## Data Sheet

|  |  |
|--|--|
| <b>Power supply</b>  | 220/240 V-380/420 V-50 Hz-3 ph<br>(265/290 V-440/480 V-60 Hz-3 ph)<br>Δ Y  |
| <b>Horsepower</b>  | 25,0 hp  |
| <b>Displacement</b>  | 6,70 m3  |
| <b>Cooling capacity at Refrigeration conditions, R407C</b> | 3,39 kW  |
| <b>Cooling capacity at Refrigeration conditions, R404A</b> | 3,97 kW  |
| <b>Refrigerant</b>   | R134a, R404A, R407C, R407F, R448A, R449A, R507, R513A  |
| <b>Suction pipe</b>  | 5/8"   |
| <b>Discharge pipe</b>                                      | 1/2"   |
| <b>Weight</b>  | 49 kg  |
| <b>LRA (Δ/y)</b>   | 43/25 A  |
| <b>MCC (Δ/y)</b>   | 8,0/4,6 A  |
| <b>Type of oil</b>   | FUCHS Reniso Triton SE 55  |
| <b>Other remarks</b>                                       | Available in ATEX version, Electronic frequency control (30-70 Hz), Equipped with oil pump without connections to the differential oil pressure switch |

|                              |  |
|------------------------------|--|
| <b>Accessories</b>           | Control Capacity 50/100%,<br>Crankcase heater 50-120 W,<br>Thermal protection thermostat<br>(PTC sensor) |
| <b>Application</b>           | MHBP   |
| <b>Technology</b>            | Fixed speed  |
| <b>Lubrication mode</b>      | Oil pump   |
| <b>Low pressure design</b>   | 19 bar   |
| <b>High pressure design</b>  | 28 bar   |
| <b>Type of motor cooling</b> | Suction gas  |
| <b>Protection type</b>       | IP 66  |
| <b>Motor protection type</b> | INT69 G  |
| <b>Speed</b>                 | 1450 rpm   |
| 1)                           |  |



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**BOCK** BOCK GmbH, Benzstr.7  
72636 Frickenhausen, Germany **CE**

Typ: HGX12P/75-4 S

Nr.: BD44874A046

$I_{max}$ : 8,0/4,6A

$I_{block}$   $\Delta$ : 43A Y: 25A

$P_{max}$ : ND(LP) / HD(HP) = 19/28 bar

220-240V $\Delta$ /380-420VY - 3 - 50HZ

n: 1450 min<sup>-1</sup>  $\dot{V}_{th}$ : 6,70 m<sup>3</sup>/h

265-290V $\Delta$ /440-480VY - 3 - 60HZ

n: 1740 min<sup>-1</sup>  $\dot{V}_{th}$ : 8,1 m<sup>3</sup>/h

IP66

Öl: BOCKlubE55

Import

Ab 02. August 2021 sind  
Diese Änderungen sind auch an  
Die im Werk serienmäßig eingetragenen  
Wartungseinheiten sind minderwertiger  
aufgrund der Verwendung im gesamten  
erheblich abgewaschen und zudem  
Insbesondere eine Validierung im  
Ölen nicht gewährleistet. Aus diesem Grund  
Für durch alternative Öle entstandene Schäden

Kältemittel  
HFKW / HFO  
CO<sub>2</sub> / HFO  
HFKW  
Kohlenwasserstoffe

Typschild Beispiel:  
Name plate example: