

Mbsm.pro, COMPRESSOR, PW3,5K7-PW3,  
PW3,5K7-PW3, 220 V, EMBRACO, 1/10 hp,  
Lbp, r12, Compressor EMI30ER

Category: compressor

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PW3.5 K7

1.310 217

220 VAC 50 HZ

 **Embraco**

CGC  
84.720.630/0001/20  
Joinville - SC  
Made in Brazil

REDACTED  
AT L'ED NASS

2022/2/18 15:24

Mbsm.pro, COMPRESSOR, PW3,5K7-PW3, PW3,5K7-PW3, 220 V, EMBRACO, 1/10 hp, Lbp, r12, Compressor EMI30ER

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**Mbsm.pro, Compressor, BP1072Z,  
221CA32, 1/10 Hp, 66W, EMBRACO,  
ASPERA, r134A, Lbp, HERMETIC  
COMPRESSORS, Oil 200 cc, 220 V/ 60 Hz**

Category: compressor

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Mbsm.pro, Compressor, BP1072Z, 221CA32, 1/10 Hp, 66W, EMBRACO, ASPERA, r134A, Lbp, HERMETIC COMPRESSORS, Oil 200 cc, 220 V/ 60 Hz

# HGX12P/75-4, R410A, compressor, semi-hermétique, B0CK, 25,0 hp

Category: Chaud&Froid,compressor

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HGX12P/75-4 R410A

## Data Sheet

<b>Power supply</b>	220/240 V-380/420 V-50 Hz-3 ph (265/290 V-440/480 V-60 Hz-3 ph) Δ Y
<b>Horsepower</b>	25,0 hp
<b>Displacement</b>	6,70 m <sup>3</sup>
<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 (<math>\Delta/y</math>)</b>	43/25 A
<b>MCC (<math>\Delta/y</math>)</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%, Crankcase heater 50-120 W, Thermal protection thermostat (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



Mbsm\_dot\_pro\_private\_PDF\_HGX12PTélécharger



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

Typ: HGX12P/75-4 S

Nr.: BD44874A046

I<sub>max</sub>: 8,0/4,6A

I<sub>block</sub> Δ: 43A Y: 25A

P<sub>max</sub>: ND(LP) / HD(HP) = 19/28 bar

220-240VΔ / 380-420VY - 3 - 50HZ

n: 1450 min<sup>-1</sup> V<sub>in</sub>: 6,70 m<sup>3</sup>/h

265-290VΔ / 440-480VY - 3 - 60HZ

n: 1740 min<sup>-1</sup> V<sub>in</sub>: 8,1 m<sup>3</sup>/h

IP66

Öl: BOCKlubE55

W  
Impo

Ab 02. August 2021 sind  
Diese Änderung ist auch an  
Die im Werk serienmäßig eingefüllte  
Wartungseinheiten eingesetzt werden  
aufgrund der Verwendung minderwertiger  
erheblich abweichen und zudem Probleme  
insbesondere eine Validierung im gesamten  
Ölen nicht gewährt werden. Aus diesem Grund  
Für durch alternative Öle entstandene Schäden

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

Typschild Beispiel:  
Name plate example:

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# Kulthorn, compressor, Kulthorn compressor, c-qn76l6f, c-qn76l6f-l, 1/10 Hp, 1Ph, Serie C-q, R134a, 76 watt, Low back pressure, 200-220V/50hz, 220v/60hz, Compressor modéfier

Category: compressor

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Kulthorn, compressor, Kulthorn compressor, c-qn76l6f, 1/10 Hp, 1Ph, Serie C-q, R134a, 76 watt, Low back pressure, 200-220V/50hz, 220v/60hz, Compressor modéfier Compressor Motor Protectors

Each compressor incorporates a motor protection device or system. Generally, the larger the compressor, the more sophisticated the motor protector.

It is essential that an electric motor is protected against conditions that could

otherwise result in damage to the motor or to the electrical supply system. For this

reason, every Kulthorn compressor is supplied with a motor protector, sometimes referred

to as an overload. The more expensive the compressor, the greater is the economic justification for specifying a motor protector that has the ability to protect over a wider range of conditions.

#### 1. External Motor Protectors

A smaller compressor (such as an AZ, AE or WJ) is fitted with an external motor protector. Most commonly, this is a compact, cylindrical device that contains a snapaction bimetallic disc. The protector is mounted in contact with the surface of the compressor housing, inside the terminal guard.

The compressor current passes through the bimetallic disc. The resistance of this disc causes the disc temperature to increase as the motor current increases. There is usually

a small heater, located under the disc and connected in series with the disc itself. This

heater further raises the temperature of the disc. There is also the impact of the

compressor shell temperature, and a hot compressor will further increase the disc

temperature. The temperature of the disc is thus influenced by the combined effects of –

- the compressor motor current
- the compressor shell temperature

When the bimetallic disc reaches a predetermined temperature (often either 105°C or 120°C) the disc will snap open, and power supply to the compressor will be interrupted.

The compressor will cool, and at a reduced disc temperature the protector will reset

and the compressor will restart, or attempt to restart. If the abnormal condition that

caused the protector to trip in the first place still exists, the compressor is likely to continue

to cycle on the overload until that condition is corrected.

There are two situations where a motor protector is expected to operate.

2. When the compressor is running under extreme conditions.

3. When the compressor is in a locked rotor condition. This is a situation where the

compressor cannot start because the voltage is too low, the system pressures are

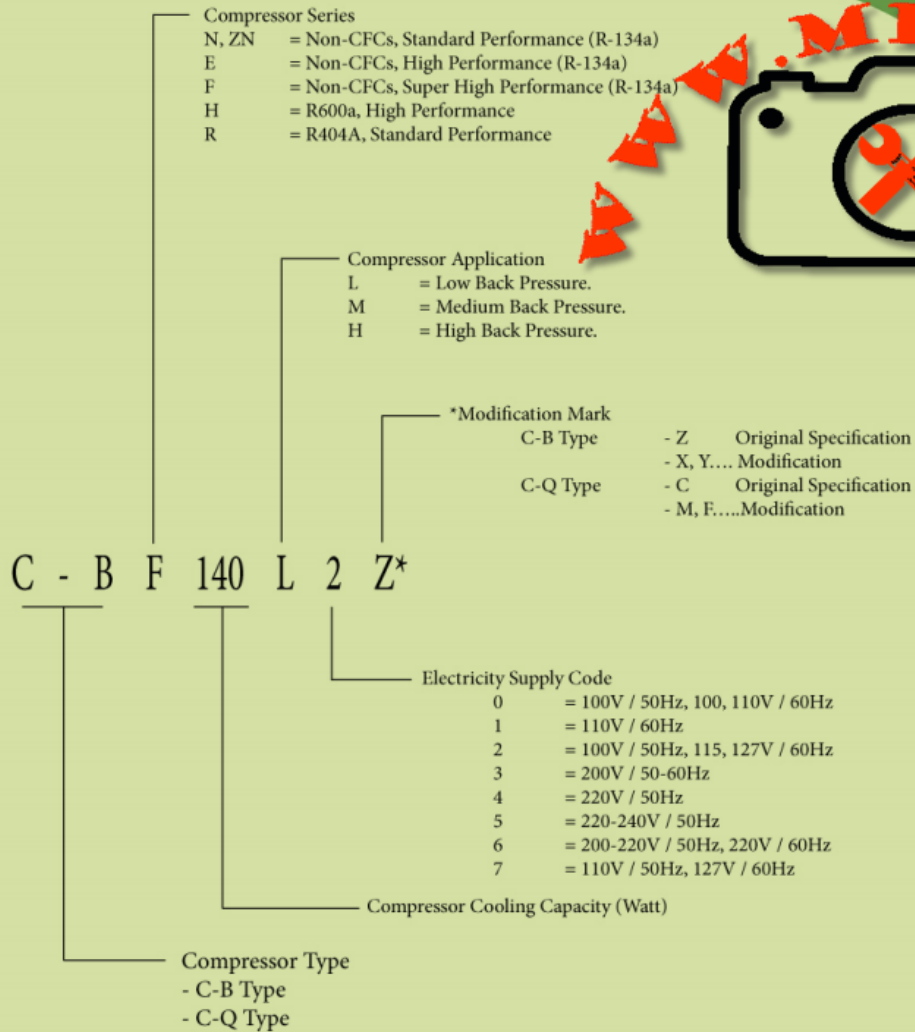
outside the range for which the compressor is approved, there is internal damage to

the compressor, or there is some other reason why the compressor is incapable of

starting



## Model Number System



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# KULTHORN

## COMPRESSOR

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Name: Kulthorn Premier Company Limited (KPC)  
Established: December 1982  
Registered Capital: Baht 1,125 Million  
Address: 446/3 Moo 9 Chachoengsao – Nakornratchasima Road,  
Kabinburi Industrial Estate, Nongki, Kabinburi, Prachinburi 25160, Thailand  
Telephone: (037) 204835, 455516  
Fax: (037) 455525, 204844  
E-mail: sales\_kpc@kulthorn.com  
kamjorn@kulthorn.com  
Employees: 900 persons  
Land area: 91 rai (145,600 m<sup>2</sup>)  
Building of area: 41,500 m<sup>2</sup>  
Business Products: Hermetic Reciprocating Compressor (Scotch Yoke Mechanism)  
(Product under license SANYO Japan) Size 30-250 Watt.

**Compressor series / Refrigerant**

C-BN, C-BZN, C-BE, C-BF / R-134a  
C-QN / R-134a  
C-BH / R-600a  
C-BR / R-404A

Shareholder: Kulthorn Kirby Public Company Limited 100%  
Customers: **Domestic** – Haier, Sanyo, Toshiba, Hitachi, Daewoo, Samsung, Sanden, etc.  
**Total = 35%**  
**Export** – Daewoo, Sanyo Group, GE, Sanden, Haier, Singer, Videocon,  
Toshiba, etc.  
**Total = 65%**

Quality System: ISO 9001:2000 Certified by TUV Nord Year 2003  
Q-Mark Certified by F.T.I. Year 2007



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EMT36HLP , EMBRACO , ASPERA  
, COMPRESSEUR FRIGORIFIQUE , 220/240V  
50Hz , 1/10 HP, déplacement 3,97 ,  
R134 , LBP

Category: Technologie, Tester ok  
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EMT36HLP ,EMBRACO ,ASPERA ,COMPRESSEUR FRIGORIFIQUE ,220/240V 50Hz ,1/10 HP, déplacement 3,97 , R134 ,LBP

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Toeflex Ltd , Pw4.0vk , LMBP  
serie,1/10 Hp , 1Phase , r134a  
refrigerant , refrigeration  
compressor ,220~240v Ac 50hz , 112W  
,RSIR

Category: Non classé,Technologie,Tester ok  
written by [www.mbsm.pro](http://www.mbsm.pro) | 18 February 2022



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Toeflex Ltd , Pw4.0vk , LMBP serie,1/10 Hp , 1Phase , r134a refrigerant , refrigeration compressor , 220~240v Ac 50hz , 112W ,RSIR