

Compressor Mk183g-l2u

Category: compressor

written by www.mbsm.pro | 15 April 2023



Mbsm.pro, Compressor, Samsung, mk183g-l2u, series MK, 1/3 hp, 236 w, Lbp, 203 KCL, 806 BTU, r134a, 3.8 cc, 220-240V ~ 50Hz, Low Back Pressure, compressor static without fan, PTC-RSCR (Optional RSIR)

DG77C16GAX5 compressor 0.25 hp

Category: compressor

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Mbsm.pro, Compressor, DG77C16GAX5, 1/5 hp++, 1/4 hp-, 225 w, Low Back Pressure, Refrigerant: R134a

Mbsm.pro, Compressor, Tecumseh, TPG1390YMR, 805 btu/h, 236w, 1/3hp, LBP, Low Back Pressure, R134a, 208-230V ~ 60Hz, 220-240V ~ 50Hz,

Reciprocating Compressor, TP143-MR-232-B8

Category: Archivation,compressor

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Mbsm.pro, Compressor, Tecumseh, TPG1390YMR, 805 btu/h, 236w, 1/3hp, LBP, Low Back Pressure, R134a, 208-230V ~ 60Hz, 220-240V ~ 50Hz, Reciprocating Compressor, TP143-MR-232-B8

Compressor, Zanussi, HLY80AA, 1/7Hp, 220-240V 50Hz ~1, R600a, ZEM, Low Back Pressure, RSIR

Category: compressor

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Technical Data Sheet

Compressor model HLY80AAa

Voltage 220-240V 50Hz ~1

Refrigerant R600a

APPLICATION COMPRESSOR MOTOR

Application Low Back Pressure Displacement 8,10 cm³ Nominal Power 1/7 hp

Refrigerant R600a Diameter 24,29 mm Voltage/Frequency 220-240V 50Hz
Evaporating Temp. -35,0 °C to -10,0 °C Stroke 17,47 mm Voltage range 187-264 V
Expansion Capillar Net Weight 9,45 Kg Type RSIR
Comp. Cooling Static Oil type ISO VG 10 MINER Phase number 1 PH
Max. ambient temp. 43,0 °C Oil charge 205 cm³ Locked Rotor Amps (LRA) 8,60 A
Max. Cont. Current (MCC) 1,00 A
Main W. resist. at 25°C 22,02 Ω
Start W. resist. at 25°C 22,53 Ω
NOMINAL PERFORMANCE
ASHRAE CECOMAF
Cooling Capacity 113 kCal/h 99 W
COP 1,41 W/W 1,11 W/W
EER 1,22 kCal/Wh 0,96 kCal/Wh
Input Power 93 W 89 W
Current 0,62 A 0,60 A
TEST CYCLE CONDITIONS
ASHRAE CECOMAF
LBP (B) LBP (A)
Evaporating temp. -23,3 °C -25,0 °C
Condensing temp. 55,0 °C 55,0 °C
Liquid temp. 32,0 °C 55,0 °C
Ambient temp. 32,0 °C 32,0 °C
Suction temp. 32,0 °C 32,0 °C
Voltage/Frequency 220 V 50 Hz 220 V 50 Hz
ELECTRICAL COMPONENTS
Relay Option 1
Reference PTC K100
Voltage 200-240 V
Resistance 14.00 Ω
Protector Option 1 Option 2 Option 3 Option 4
Reference MSP318LZ 4TM189NFBYY T0462 AE37FJ
Current 5,90 A 5,50 A 6,20 A 5,90 A
Time check 7,5-14 seg 5-15 seg 7,5-14 seg 7,5-14 seg
Disc temp. (Open/Close) 120,00 / 61,00 °C 120,00 / 61,00 °C 110,00 / 62,00 °C
115,00 / 62,00 °C

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

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 modifier
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

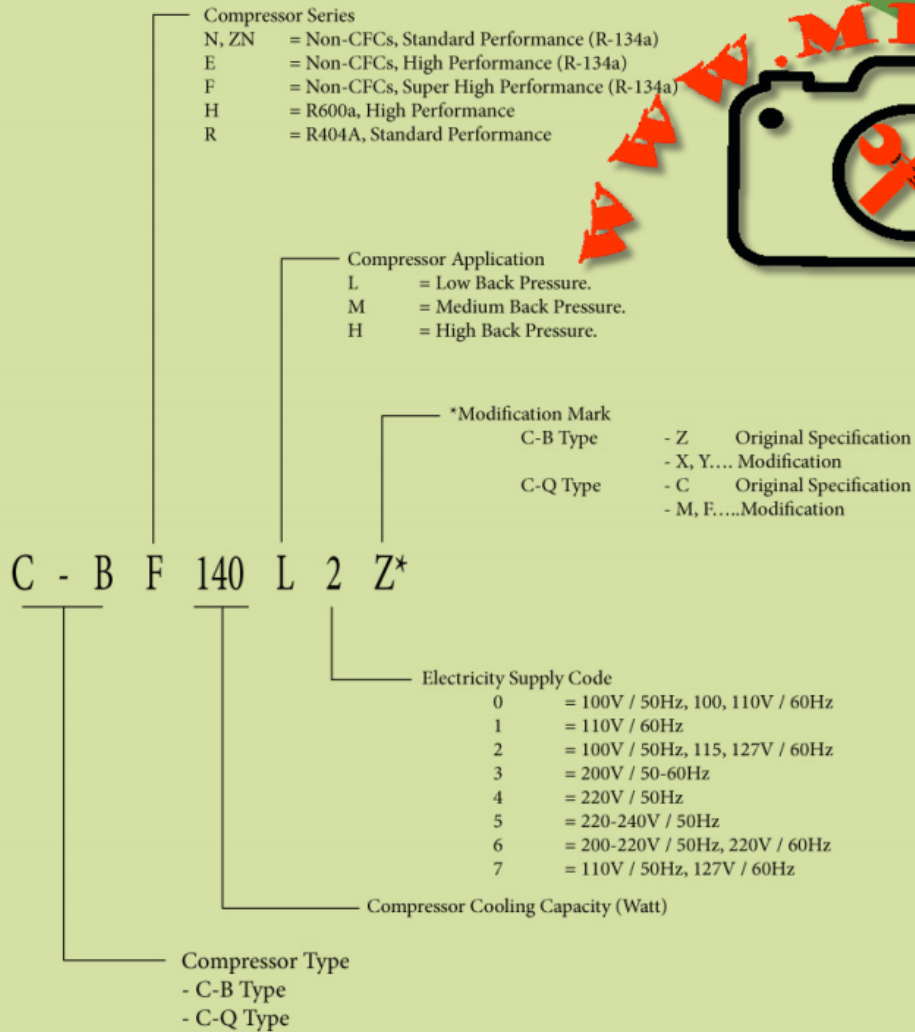
outside the range for which the compressor is approved, there is internal damage to

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 m²)
 Building of area: 41,500 m²
 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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Sangchai refrigeration, Fl series, Rl
 series, Cl series, Hitachi
 Compressor, FL1675-sc, 1/5 Hp,
 R-134A, Low back pressure, 160 w,
 Displacement 7.5 cm cube, 220-240 v 50
 hz

Category: compressor

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Sangchai refrigeration, Fl series, Rl series, Cl series, Hitachi Compressor,
 FL1675-sc, 1/5 Hp, R-134A, Low back pressure, 160 w, Displacement 7.5, 220-240 v
 50 hz

Hitachi Hermetic Compressors

FL Series

STANDARD MODEL

Application & Refrigerant LBP R134a

Model	Nominal Power		F		Cooling Capacity			D	Cooling			O	Wg	Motor Type	Power Source					Dimension				
	HP	W	Hz	W	Kcal/h	BTU/h	cm3		N	Oil	Fan				cm3	Kg	1	2	3		4	5		
																	H	P	R		S	T	Type - H	
FL0634	1/12	65	50	78	67	266	3.42	•			200	6.8	RSIR RSCR CSIR	•			•		Type1-165					
			60	90	77	307													•	•	•			
FL0739	1/10	75	50	95	82	324	3.94										270	7.8		•		•		
			60	108	93	368															•	•	•	
FL0845	1/8	85	50	105	90	358	4.50										8.1		•			•		Type1-179
			60	118	101	403														•	•	•		Type2-180
FL1052	1/6	100	50	120	103	409	5.19										8.3		•			•		
			60	140	120	478															•	•	•	
FL1157	110	50	135	116	461	5.70											240	8.7		•			•	
			60	158	136	539																•	•	•
FL1262	1/5	125	50	150	129	512	6.23	•			320	9.5		•			•	Type2-200						
			60	170	146	580										•	•	•						
FL1675	160	50	185	159	631	7.47			•	•	300	10.6		•			•	Type3-211						
			60	210	181	717									•	•	•							
FL1888	1/4	180	50	215	185	734	8.83			•	•	300	11.1		•			•	Type4-216					
			60	250	215	853									•	•	•							

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Detail of Label

Series name/Refrigerant

F = R134a
L = R404A
C = R600a

Application category

L = Low back pressure
H = High back pressure

Nominal power (Q_{int} put)

Sign	Output(W)	Sign	Output(W)
04	45	15	150
05	55	16	160
06	65	17	170
07	75	18	180
08	85	20	200
10	100	25	250
11	110	35	350
12	125	40	400
14	140	45	450

Nominal voltages / Power source


Sign	Phase/voltage/frequency	Sign	Phase/voltage/frequency
H	1Ø 100 V 50/60 Hz	S	1Ø 220 - 240 V 50 Hz
P	1Ø 110 V 120 V 60 Hz	D	1Ø 100 V 50/60 Hz
U	1Ø 127 V 60 Hz	T	3Ø 200 V 50/60 Hz
R	1Ø 200 - 220 V 60 Hz		

Displacement

Sign	Displacement(Cm ³)	Sign	Displacement(Cm ³)
24	2.4	52	5.2
28	2.8	66	6.6
34	3.4	75	7.5
39	3.9	88	8.8
45	4.5	97	9.7
52	5.2	11	11.0
57	5.7		

Development

A-Z = With oil charge
1-9 = With out oil charge



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C-B Compressors, Kulthorn, 1/5 HP, C-bz176L6Z, Refrigeration Compressor, R134A, 176W, ,Original Specification, 220-220V/50Hz, 220V/60Hz, Low Back Pressure

Category: compressor

written by www.mbsm.pro | 15 April 2023

C-B Compressors, Kulthorn, 1/5 HP, C-bz176L6Z, Refrigeration Compressor, R134A, 176W, ,Original Specification, 220-220V/50Hz, 220V/60Hz, Low Back Pressure

QB66C13GAX5 , KIRIAZI Electronic ,250L (Freezer capacity 64L), Panasonic Compressor , 1/5Hp ,165W ,Low back pressure, R134a, RSIR, 220-240V/1/50Hz

Category: compressor,Technologie,Tester ok

written by Jamila | 15 April 2023



QB66C13GAX5 , KIRIAZI Electronic ,250L (Freezer capacity 64L), Panasonic Compressor , 1/5Hp ,165W ,Low back pressure,R134a, RSIR,220-240V/1/50Hz

COMPRESSOR, EMBRACO , fgs130ha, LBP (Low Back Pressure) ,RSCR ,316 W ,1/3+ HP ,220-240 V 50 Hz ,1080 Btu/h ,11,14 c.c.,R134a

Category: Technologie,Tester ok
written by www.mbsm.pro | 15 April 2023

 Stampa la scheda

Compressore	EMBRACO
Modello	FGS130HAW
Altezza (mm)	
Gas	R134a
Tensione	220-240 V 50 Hz
Applicazione	LBP (Low Back Pressure)
Test Condition	ASHRAE LBP 32
Cilindrata	11,14 c.c.
Motore	RSCR
Potenza (HP)	1/3+
Cap. Frigor. Watt	316
Cap. Frigor. Kcal	272
Cap. Frigor. Btu/h	1080
COP (W/W)	1,49
Watt assorbiti (W)	
Dispositivo di Avv.	
Condensatore	
Tipo Raffreddamento	

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Embraco FGS130HAW



THERMALLY PROTECTED

10 LRA

R 134a

1 PH

220-240V~
50Hz

JOINVILLE-SC
MADE IN BRAZIL

NO START WITHOUT STARTING DEVICE



513200607 FAB 1 26/JAN/05 E05DDHWA

HFC - 134a

△ 注意



高温注意

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Compressore

EMBRACO

Modello	FGS130HAW
Altezza (mm)	
Gas	R134a
Tensione	220-240 V 50 Hz
Applicazione	LBP (Low Back Pressure)
Test Condition	ASHRAE LBP 32
Cilindrata	11,14 c.c.
Motore	RSCR
Potenza (HP)	1/3+
Cap. Frigor. Watt	316
Cap. Frigor. Kcal	272
Cap. Frigor. Btu/h	1080
COP (W/W)	1,49
Watt assorbiti (W)	
Dispositivo di Avv.	
Condensatore	
Tipo Raffreddamento	
Imballo (Pcs/Pallet)	

LOW BACK PRESSURE ,HITACHI , Compressor FL1257-SR , 1/5HP , R134a ,135 W , BTU/Hr 512 ,Curcuit RSIR

Category: Solutions,Tester ok

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LOW BACK PRESSURE ,HITACHI , Compressor FL1257-SR , 1/5HP , R134a ,135 W ,
BTU/Hr 512 ,Curcuit RSIR