

**Mbsm.pro, Compressor,  
EMBRACO, EMT6170Z, HBP,  
R134a, 350 G,  
220-240V/1F/50Hz, 1/4  
hp++, 1/3 HP-, 7.69 cm<sup>3</sup>**

written by Lilianne | 5 October 2022

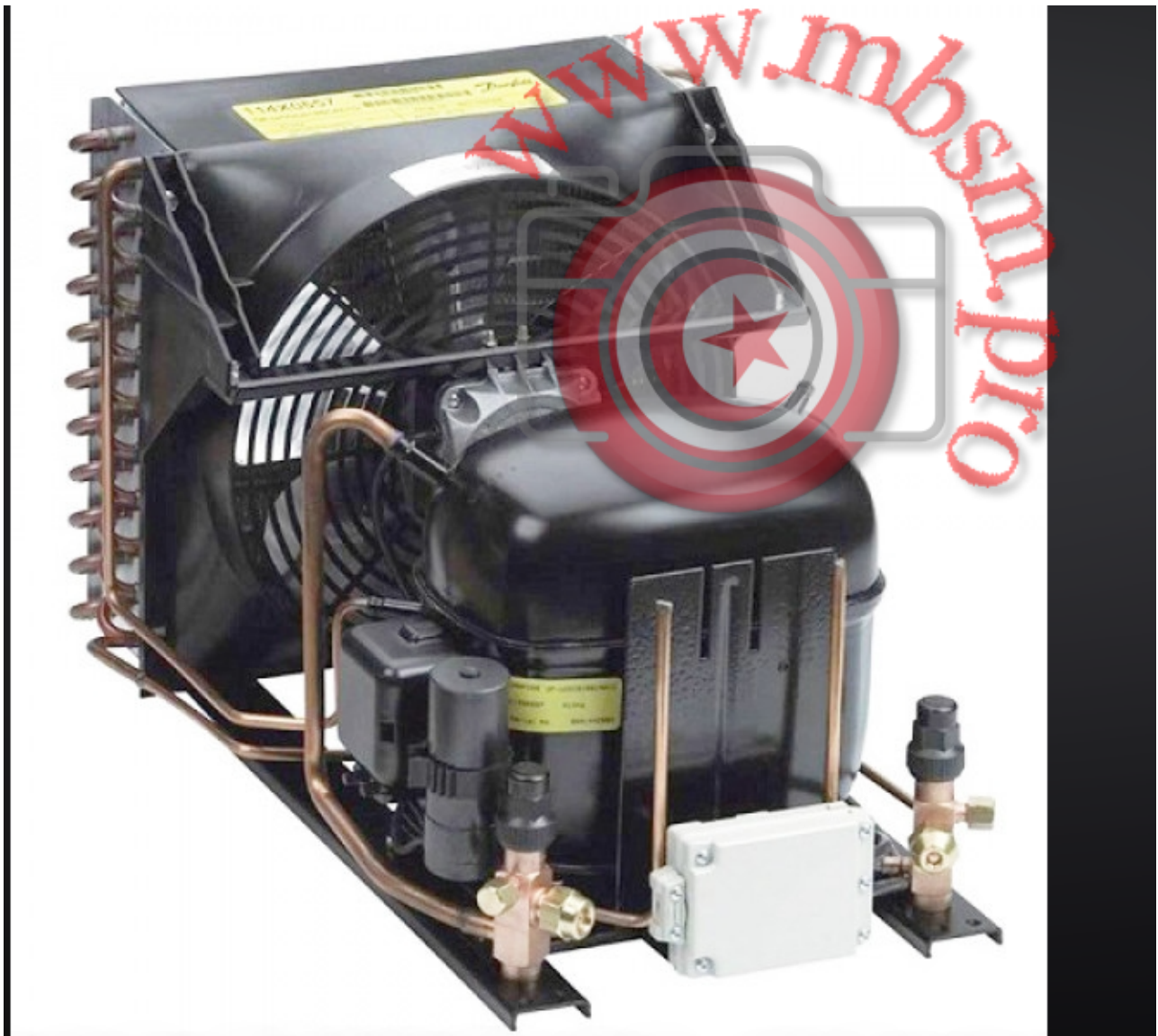


Mbsm.pro, Compressor, EMBRACO, EMT6170Z, HBP, R134a, 350 G,  
220-240V/1F/50Hz, 1/4 hp++, 1/3 HP-, 7.69 cm<sup>3</sup>

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**Mbsm.pro, Condensing unit,  
114E2134, Compressor Danfoss  
TL3GXN0, COND.UNIT 220V, 1/8  
hp, Mhbp, Hbp, r134a**

written by Lilianne | 5 October 2022



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Mbsm.pro, Condensing unit, 114E2134, Compressor Danfoss TL3GXN0, COND.UNIT 220V, 1/8 hp, Mhbp, Hbp, r134a

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**Mbsm.pro, All Compressor in  
one file,**

**r134a/R404a/R507/r600a/r22/r4  
10a compressors Cubigel, lbp,  
hbp, hmbp, LeeK , Daikin,  
Copeland ZP, Danfoss MLZ  
series, InvoTech for air-  
conditioning, Semi-hermetic  
compressors, Rotary  
compressors for air-  
conditioning**

written by Lilianne | 5 October 2022



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Mbsm.pro, All Compressor in one file, r134a/R404a/R507 compressors Cubigel, lbp, hbp, hmbp, LeeK , Daikin, Copeland ZP, Danfoss MLZ series, InvoTech for air-conditioning, Semi-hermetic compressors, Rotary compressors for air-conditioning

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**Mbsm.pro, Compressor,  
Refrigeration Compressor,  
270W, GFF93AA, 1/3 HP++,  
FFI12HBK, TPH1410Y, F Series  
200-220V/50Hz, SEBERIA  
Hermetic Compressor, lbp, hbp**

written by Lilianne | 5 October 2022



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Mbsm.pro, Compressor, Refrigeration Compressor, 270W, GFF93AA, 1/3 HP++, FFI12HBK, TPH1410Y, F Series 200-220V/50Hz, SEBERIA Hermetic Compressor, lbp, hbp



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**Mbsm.pro, Compressor,  
Tecumseh, AEZ4440Z, 1/3 hp  
++, BIG++, HBP, R404A, 220 –  
240V, 50 Hz, 1 phase,  
discharge: 6.69 cm<sup>3</sup>, oil  
type: POE, oil charge: 280  
cm<sup>3</sup>, CSIR, 876 W, start  
capacitor: 125 uF/250V**

written by Lilianne | 5 October 2022



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Mbsm.pro, Compressor, Tecumseh, AEZ4440Z, 1/3 hp ++, BIG++, HBP, R404A, 220 – 240V, 50 Hz, 1 phase, discharge: 6.69 cm<sup>3</sup>, oil type: POE, oil charge: 280 cm<sup>3</sup>, CSIR, 876 W, start capacitor: 125 uF/250V

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**Mbsm.pro, Compressor,  
Embraco, Aspera, NEK6214Z,  
HBP, R134a, 220 –  
240V/1/50Hz, 1/2 HP, CSIR,  
HBP, Big ++**

written by Lilianne | 5 October 2022



Mbsm.pro, Compressor, Embraco, Aspera, NEK6214Z, HBP, R134a,  
220 – 240V/1/50Hz, 1/2 HP, CSIR, HBP, Big ++

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**Mbsm.pro, Compressor,  
Tecumseh, TAH4518A, 1.5 Hp,  
HBp, R12, 440V 3~ 60Hz 400V  
3~ 50Hz, 1684 W, 14048 btu**

written by Lilianne | 5 October 2022



Mbsm.pro, Compressor, Tecumseh, TAH4518A, 1.5 Hp, HBp, R12,  
440V 3~ 60Hz 400V 3~ 50Hz, 1684 W, 14048 btu

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**Mbsm.pro, COMPRESSOR, 1/3 HP  
++ (big), HERMETIC, TECUMSEH,  
CAE4440Y, AE4440Y, HBP,  
R134a, 220-240V, 50 Hz, 1 PH,  
CSIR**

written by Lilianne | 5 October 2022



Mbsm.pro, COMPRESSOR, 1/3 HP ++ (big), HERMETIC, TECUMSEH,  
CAE4440Y, AE4440Y, HBP, R134a, 220-240V, 50 Hz, 1 PH, CSIR

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**Mbsm.pro, COPLAND,  
Compressor, KCJ511HAE,  
KCJ511HAE-BXXX, HBP, 1-3/8  
hp big ++, R-22, 230 V, 50  
Hz, 1PH, FAN, 350 ft<sup>3</sup> / m**

written by Lilianne | 5 October 2022

Technical Specification	
Cooling Capacity (Btu/hr)	11275
Cooling Capacity (w)	3302
HP	1-3/8
LRA	54

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Number of cylinders 2

Displacement @ 50 Hz, cu.m/h 3.2

Bore/Stroke, mm 3.5/1.9

Length/Width, mm 235/179

Height, mm 264

Net Weight, kg 21.5

Stub Suction, inch 5/16

Stub Discharge, inch 5/16

Oil Quantity, l 0.9

Base mounting (hole dia), mm NA (0.0)

Sound Pressure @ 1m (HT), dBA 57

Sound Power (HT), dBA 68

COMPRESSOR ELECTRICAL DATA (220/240V – 1~ – 50Hz)

Locked Rotor Current, A 25

Default Enclosure Class IP 21 (IEC 34)

ACCESSORIES OPTIONAL

Mounting Grommets Standard

Single Phase Equipment Relay, Start and Run Capacitor



Horse Power

50HZ

Brand

COPLAND

Compressor Technology

HERMETIC

Model Name/Number

KCJ511HAE

Power

220V



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Mbsm\_dot\_pro\_private\_PDF\_KCJ511HAE-1Télécharger

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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 | 5 October 2022



## **GQR12TG Freezing**



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																
		-15°C(5F)	-10°C(10F)	-5°C(23F)	0°C(32F)	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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