

# Mbsm.pro, aj600ft-352, 12400Btu, Window clim, AJB5515EXD, 208-230V ~ 60Hz 200V ~ 50Hz, HBP/AC – Air Conditioning, R-22/R-407C

Category: compressor

written by Lilianne | 22 December 2021

## Product Specifications

### Performance

Condition	Test Voltage	(R) Btu/h	(R) kcal/h	(R) W	(I) W	(E) Btu/Wh	(E) kcal/Wh	W/W	EVAP TEMP	COND TEMP	AMBIENT TEMP	RETURN GAS	LIQUID TEMP
ASHRAE (R-22)	230V ~ 60HZ	15000	3780	4395	1800	8.33	2.1	2.44	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)

### General

Evaporating Temp. Range: -23.3°C to 12.8°C (-10°F to 55°F)

Motor Torque: Low Start Torque (LST)

Compressor Cooling: Fan

### Mechanical

Weight: 49

Weight Unit of Measure: LB

Displacement (cc): 26.122

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 781

### Electrical

Voltage Range (50 Hz): 180-220

Voltage Range (60 Hz): 197-254

Locked Rotor Amps (LRA): 41

Rated Load Amps (RLA 50 Hz): 0

Rated Load Amps (RLA 60 Hz): 8.5

Max. Continuous Current (MCC in Amps): 12.6

Motor Resistance (Ohm) – Main: 1.49

Motor Resistance (Ohm) – Start: 7.77

MotorType: PSC

Overload Type: N/A

Relay Type: N/A

# Agency Approval

cURus Recognized

## OEM

### AJ600FT-299-A4

Dimensions – Height: 10.719  
Dimensions – Width: 7.25  
Dimensions – Length: 9.343  
Dimensions Unit of Measure: IN  
Market: OEM  
Overload #: 8300CRAA46  
Replacement Overload Kit #: K90-34  
Replacement Relay Kit #: K71-19  
Overload Spring: 26056  
Cover Gasket: 30640  
Terminal Cover: 70492  
Bale Strap: 70491  
Discharge Line Size: 0.3125 IN  
Suction Line Size: 0.5 IN

## Wholesale/Distribution

### AJ600FT-205-J7

Dimensions – Height: 10.719  
Dimensions – Width: 6.594  
Dimensions – Length: 11.696  
Dimensions Unit of Measure: IN  
Market: Wholesale/Distribution  
Overload #: 8300CRAA46  
Replacement Overload Kit #: K90-34  
Replacement Relay Kit #: K71-19  
Overload Spring: 26056  
Cover Gasket: 30640  
Terminal Cover: 70492  
Bale Strap: 70491  
Discharge Line Size: 0.3125 IN  
Suction Line Size: 0.5 IN  
Loose Part Kit: LP121



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# Hermetic compressors, Cubigel

# Compressors, LBP , L55BV, 1/6hp, r12

Category: compressor

written by Lilianne | 22 December 2021

R12				-35	-30	-25	-23,3	-20	-15	-10	R12								
CU01-L35AU	<b>L35AU</b>	1/12	S	3,66	44	62	83	92	109	138	170	C	270	8,6	RSIR	P		•	
CU01-L45AV	<b>L45AV</b>	1/8	S	4,50	39	56	79	87	105	136	171	C	300	8,4	RSIR	R			•
CU01-L45AW	<b>L45AW</b>	1/8	S	4,50	39	56	79	87	105	136	171	C	300	8,4	RSIR	R	•		•
CU01-L55AT	<b>L55AT</b>	1/6	S	5,47	49	73	101	112	134	171	212	C	470	9,5	RSIR	R	•		•
CU01-L55AV	<b>L55AV</b>	1/6	S	5,47	49	73	101	112	134	171	212	C	470	9,5	RSIR	R			•
CU01-L55BV	<b>L55BV</b>	1/6	OC	5,47	49	73	101	112	134	171	212	C	470	9,5	RSIR	R			•
CU01-L55BW	<b>L55BW</b>	1/6	OC	5,47	49	73	101	112	134	171	212	C	300	8,4	RSIR	R	•		•
CU01-L76AT	<b>L76AT</b>	1/5	S	7,57	58	88	125	139	168	217	272	C	530	10,0	RSIR	R	•		•
CU01-L76AV	<b>L76AV</b>	1/5	S	7,57	58	88	125	139	168	217	272	C	530	10,5	RSIR	R			•
CU01-L76BV	<b>L76BV</b>	1/5	OC	7,57	58	88	125	139	168	217	272	C	530	10,5	RSIR	R			•
CU01-L6BW	<b>L76BW</b>	1/5	OC	7,57	58	88	125	139	168	217	272	C	470	9,5	RSIR	R	•		•
CU01-L88AV	<b>L88AV</b>	1/4	S	8,85	69	106	150	166	200	255	317	C	530	11,0	RSIR	R			•
CU01-L88BV	<b>L88BV</b>	1/4	OC	8,85	69	106	150	166	200	255	317	C	530	11,0	RSIR	R			•
CU01-L88BW	<b>L88BW</b>	1/4	OC	8,85	69	106	150	166	200	255	317	C	530	10,0	RSIR	R	•		•

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**R12**

Model	Refr.	HP	Ambient Temp C	Rated Voltage	Cooling Capacity		COP without RC		COP with RC	
					ASHRAE	CECOMAF	ASHRAE	CECOMAF	ASHRAE	CECOMAF
					-23.3°C kcal/h	-25°C W	-23.3°C W/W	-25°C W/W	-23.3°C W/W	-25°C W/W <sub>0</sub>
<input type="checkbox"/> <a href="#">L45AV</a>	LBP::R12	1/8	43	B	221	192	0.91	0.71		
<input type="checkbox"/> <a href="#">L55AV</a>	LBP::R12	1/6	43	B	115	101	0.99	0.78		
<input type="checkbox"/> <a href="#">L55BV</a>	LBP::R12	1/6	43	B	115	101	0.99	0.78		
<input type="checkbox"/> <a href="#">L76AV</a>	LBP::R12	1/5	43	B	145	127	1.05	0.84		
<input type="checkbox"/> <a href="#">L76BV</a>	LBP::R12	1/5	43	B	145	127	1.05	0.84		
<input type="checkbox"/> <a href="#">L88AV</a>	LBP::R12	1/4	43	B	171	150	1.02	0.81		
<input type="checkbox"/> <a href="#">L88BV</a>	LBP::R12	1/4	43	B	171	150	1.02	0.81		
<input type="checkbox"/> <a href="#">LT45AV</a>	LBP::R12	1/8	50	B	94	83	1.04	0.83		
<input type="checkbox"/> <a href="#">LT55AV</a>	LBP::R12	1/6	50	B	115	102	1.06	0.85		
<input type="checkbox"/> <a href="#">LT55BV</a>	LBP::R12	1/6	50	B	115	102	1.06	0.85		
<input type="checkbox"/> <a href="#">LT76BV</a>	LBP::R12	1/5	50	B	155	137	1.14	0.91		
<input type="checkbox"/> <a href="#">LT88BV</a>	LBP::R12	1/4	50	B	190	169	1.16	0.93		
<input type="checkbox"/> <a href="#">P12BW</a>	LBP::R12	1/3	43	A	221	192	0.91	0.71		

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np	cm <sup>3</sup>	cm <sup>3</sup>	Kg.
<b>LBP</b>			

R12				-35	-30	-25	-23,3	-20	-15	-10	R12									
CU01-L35AU	L35AU	1/12	S	3,66	44	62	83	92	109	138	170	C	270	8,6	RSIR	P				
CU01-L45AV	L45AV	1/8	S	4,50	39	56	79	87	105	136	171	C	300	8,4	RSIR	R				
CU01-L45AW	L45AW	1/8	S	4,50	39	56	79	87	105	136	171	C	300	8,4	RSIR	R				
CU01-L55AT	L55AT	1/6	S	5,47	49	73	101	112	134	171	212	C	470	9,5	RSIR	R				
CU01-L55AV	L55AV	1/6	S	5,47	49	73	101	112	134	171	212	C	470	9,5	RSIR	R				
CU01-L55BV	L55BV	1/6	OC	5,47	49	73	101	112	134	171	212	C	470	9,5	RSIR	R				
CU01-L55BW	L55BW	1/6	OC	5,47	49	73	101	112	134	171	212	C	300	8,4	RSIR	R				
CU01-L76AT	L76AT	1/5	S	7,57	58	88	125	139	168	217	272	C	530	10,0	RSIR	R				
CU01-L76AV	L76AV	1/5	S	7,57	58	88	125	139	168	217	272	C	530	10,5	RSIR	R				
CU01-L76BV	L76BV	1/5	OC	7,57	58	88	125	139	168	217	272	C	530	10,5	RSIR	R				
CU01-L6BW	L76BW	1/5	OC	7,57	58	88	125	139	168	217	272	C	470	9,5	RSIR	R				
CU01-L88AV	L88AV	1/4	S	8,85	69	106	150	166	200	255	317	C	530	11,0	RSIR	R				
CU01-L88BV	L88BV	1/4	OC	8,85	69	106	150	166	200	255	317	C	530	11,0	RSIR	R				
CU01-L88BW	L88BW	1/4	OC	8,85	69	106	150	166	200	255	317	C	530	10,0	RSIR	R				
CU01-L88EW	L88EW	1/4	OC	8,85	69	106	150	166	200	255	317	C-V	530	10,0	CSIR	R				
CU01-L88FW	L88FW	1/4	F	8,85	69	106	150	166	200	255	317	C-V	530	10,0	CSIR	R				
CU01-P12BW	P12BW	1/3	OC	12,0	79	131	192	215	261	338	422	C	530	11,5	RSIR	R				
CU01-P12FW	P12FW	1/3	F	12,0	79	131	192	215	261	338	422	C-V	530	11,5	CSIR	R				

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Type: Hermetic piston compressors Producer: ACC Series: HMBP

Model: L55BV

General data

Refrigerant: R12

Discharge element: C

Cooling: OC

Maximum ambient temperature [°C]: 43

Compressor's data

Cylinder capacity [cm<sup>3</sup>]: 5,5



Displacement [m<sup>3</sup>/h]: 0,9  
Weight [kg]: 9,5  
Oil charge [cm<sup>3</sup>]: 470  
Oil type: ISO VG 46 MINERAL

#### Engine's data

Engine type: RSIR  
Power [KM]: 1/6  
Starting element: LST  
Power supply: 200V 50Hz  
Voltage range: 180-242  
Locked rotor current [A]: 10,9  
Running winding resistance (25°C) [Ω]: 10,81  
Starting winding resistance (25°C) [Ω]: 34,36

#### Electrical data

Relays: 9660 B 118, MTRP 33  
Shielding element: MRP63AMK, T0069  
Starting capacitor volume [μF]:

#### Connections

	milimeters	inches
Suction/service tube:	6,5	
Service/suction tube:	6,5	
Discharge tube:	4,9	
Oil cooler tube:		4,9

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

Category: Chaud&Froid,compressor  
written by Lilianne | 22 December 2021  
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



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**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

Import

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:

# Compressor, R134A, GLY12RGA, 10,7cm<sup>3</sup>, HMBP, 230V, 3/8HP, CUBIGEL, HUAYI

Category: compressor

written by Lilianne | 22 December 2021

Model	Displacement (cm <sup>3</sup> )	Refrigerant	Application	Compressor Cooling	Voltage/Frequency	Frequency (Hz)	Motor Type	Cooling (kCal/h)	COP (W/W)	Cooling (W)	COP (W/W)	Technical Data Sheet (*)
GL45MG	4,56	R134a	HBP	S	230V	50/60Hz ~1	50 CSIR	352	1,95	340	1,67	GL45MG
GL45MG	4,56	R134a	HBP	S	230V	50/60Hz ~1	60 CSIR	412	1,92	398	1,65	GL45MG
GL60MG	5,98	R134a	HBP	S	230V	50/60Hz ~1	60 CSIR	520	2,02	499	1,73	GL60MG
GL60MG	5,98	R134a	HBP	S	230V	50/60Hz ~1	50 CSIR	445	1,99	427	1,70	GL60MG
GL80MG	7,57	R134a	HBP	S	230V	50/60Hz ~1	60 CSIR	702	2,15	674	1,84	GL80MG
GL80MG	7,57	R134a	HBP	S	230V	50/60Hz ~1	50 CSIR	600	2,10	576	1,78	GL80MG
GL90MG	8,85	R134a	HBP	S	230V	50/60Hz ~1	50 CSIR	685	2,10	661	1,79	GL90MG
GL90MG	8,85	R134a	HBP	S	230V	50/60Hz ~1	60 CSIR	800	2,11	772	1,83	GL90MG
GLY12RAa	10,70	R134a	HBP	F	220-240V	50Hz ~1	50 CSIR	900	2,30	867	1,97	GLY12RAa
GLY12RAb	10,70	R134a	HBP	F	220-240V	50Hz ~1	50 CSR	900	2,57	867	2,20	GLY12RAb
GLY12RGa	10,70	R134a	HBP	F	200-220/220-230V	50/60Hz ~1	50 CSIR	900	2,19	867	1,87	GLY12RGa
GLY12RGa	10,70	R134a	HBP	F	200-220/220-230V	50/60Hz ~1	60 CSIR	1.038	2,22	1.007	1,90	GLY12RGa
GLY12RGb	10,70	R134a	HBP	F	200-220/220-230V	50/60Hz ~1	50 CSR	900	2,32	867	1,98	GLY12RGb
GLY12RGb	10,70	R134a	HBP	F	200-220/220-230V	50/60Hz ~1	60 CSR	1.038	2,40	1.007	2,07	GLY12RGb
GP14TB	14,17	R134a	HBP	F	220-240V	50Hz ~1	50 CSIR	1.030	2,03	998	1,76	GP14TB
GP16TB	16,15	R134a	HBP	F	220-240V	50Hz ~1	50 CSIR	1.240	2,09	1.204	1,80	GP16TB
GP16TE	16,15	R134a	HBP	F	115V	60Hz ~1	60 CSIR	1.450	1,96	1.408	1,69	GP16TE
GP16TG	16,15	R134a	HBP	F	200-220/230V	50/60Hz ~1	50 CSIR	1.240	2,09	1.204	1,81	GP16TG
GP16TG	16,15	R134a	HBP	F	200-220/230V	50/60Hz ~1	60 CSIR	1.450	2,00	1.408	1,74	GP16TG
GPM16RA	16,15	R134a	HBP	F	220-240V	50Hz ~1	50 CSIR	1.351	2,09	1.317	1,79	GPM16RA

(\*) Under standard conditions

## Additional information

Voltage (V)	230Vac
Frequency (hz)	50
Range	MBP
Displacement (cm3)	10,7 cm <sup>3</sup>
Cooling capacity (W)	608W
Conditions (°C)	-10 / +45C
Refrigerant	R134A
Suction line	8.1mm juotettava
Liquid line	6,5mm juotettava
Height (mm)	198mm
Weight (kg)	10,43kg
Oil	ISO VG 32 Ester

## Technical data

- Model: **GLY12RAa**
- Refrigerant Gas: **R-134a**
- Pression/temperature: **HBP**
- Power: **3/8 HP**
- Voltage: **230 V**
- Current Type: **Single-Phase**
- Frequency: **50 Hz**

- Compressor Type: **Hermetic**
- Displacement: **10.7 cm<sup>3</sup>**
- Power Cons. -10°C: **293 W**
- Power Cons. -5°C: **322 W**
- Efficiency 0°C: **351 W**
- Power Cons. +5°C: **380 W**
- Power Cons. +7,2°C: **392 W**
- T° Condensation: **40 °C**
- Cooling Cap. -15°C: **408 Kcal/h**
- Cooling Cap. -10°C: **512 Kcal/h**
- Cooling Cap. -5°C: **642 Kcal/h**
- Cooling Cap. 0°C: **797 Kcal/h**
- Cooling Cap. 5°C: **977 Kcal/h**
- Cooling Cap. 7.2°C: **1065 Kcal/h**
- Cooling Cap. 10°C: **1184 Kcal/h**
- Test Type: **Ashare 46**

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Model	Displacement (cm <sup>3</sup> )	Refrigerant	Application	Compressor Cooling	Voltage/Frequency	Frequency (Hz)	Motor Type	ASHRAE (*)		CECOMAF (*)		Tip Data
								Cooling (kCal/h)	COP (W/W)	Cooling (W)	COP (W/W)	
GL45MG	4.56	R134a	HBP	S	230V 50/60Hz ~1	50	CSIR	352	1.95	340	1.87	GI
GL45MG	4.56	R134a	HBP	S	230V 50/60Hz ~1	60	CSIR	412	1.92	398	1.85	GI
GL60MG	5.98	R134a	HBP	S	230V 50/60Hz ~1	80	CSIR	520	2.02	499	1.73	GI
GL60MG	5.98	R134a	HBP	S	230V 50/60Hz ~1	50	CSIR	445	1.99	427	1.70	GI
GL80MG	7.57	R134a	HBP	S	230V 50/60Hz ~1	60	CSIR	702	2.15	674	1.84	GI
GL80MG	7.57	R134a	HBP	S	230V 50/60Hz ~1	50	CSIR	600	2.10	578	1.78	GI
GL90MG	8.85	R134a	HBP	S	230V 50/60Hz ~1	50	CSIR	685	2.10	661	1.79	GI
GL90MG	8.85	R134a	HBP	S	230V 50/60Hz ~1	60	CSIR	800	2.11	772	1.83	GI
GLY12RAa	10.70	R134a	HBP	F	220-240V 50Hz ~1	50	CSIR	900	2.30	887	1.97	GL'
GLY12RAb	10.70	R134a	HBP	F	220-240V 50Hz ~1	50	CSR	900	2.57	887	2.20	GL'
GLY12RGa	10.70	R134a	HBP	F	200-220/220-230V 50/60Hz ~1	50	CSIR	900	2.19	887	1.87	GL'
GLY12RGa	10.70	R134a	HBP	F	200-220/220-230V 50/60Hz ~1	60	CSIR	1.038	2.22	1.007	1.90	GL'
GLY12RGb	10.70	R134a	HBP	F	200-220/220-230V 50/60Hz ~1	50	CSR	900	2.32	887	1.98	GL'
GLY12RGb	10.70	R134a	HBP	F	200-220/220-230V 50/60Hz ~1	60	CSR	1.038	2.40	1.007	2.07	GL'
GP14TB	14.17	R134a	HBP	F	220-240V 50Hz ~1	50	CSIR	1.030	2.03	998	1.76	GI
GP16TB	16.15	R134a	HBP	F	220-240V 50Hz ~1	50	CSIR	1.240	2.09	1.204	1.80	GI
GP16TE	16.15	R134a	HBP	F	115V 60Hz ~1	60	CSIR	1.450	1.96	1.408	1.89	GI
GP16TG	16.15	R134a	HBP	F	200-220/230V 50/60Hz ~1	50	CSIR	1.240	2.09	1.204	1.81	GI
GP16TG	16.15	R134a	HBP	F	200-220/230V 50/60Hz ~1	60	CSIR	1.450	2.00	1.408	1.74	GI
GPM16RA	16.15	R134a	HBP	F	220-240V 50Hz ~1	50	CSIR	1.351	2.09	1.317	1.70	GP



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Neon compressor, QD128H(360W), 1/3Hp,  
QD158H(450W), 3/8+, QD142H(395W),  
3/8+, QD168H (322W), 1/2Hp, R134a

Category: compressor

written by Lilianne | 22 December 2021



Neon compressor, QD128H(360W), 1/3Hp, QD158H(450W), 3/8+, QD142H(395W), 3/8+, QD168H (322W), 1/2Hp, R134a

## Compresseur, Mitsubishi, Electric MITSUBISHI, RH174VHAC, 9000 BTU/heure (2,6 kW), 220-240V 50Hz, R22

Category: compressor

written by Lilianne | 22 December 2021

Modèle – Mitsubishi Electric RH 174 VHAC (9000Btu)

Productivité – 9000 BTU/heure (2,6 kW)

Alimentation – 220-240V 50Hz

Réfrigérant (fréon) – R22

Entre vannes – 15 cm

Hauteur compresseur – 22 cm

Diamètre compresseur – 13 cm

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## COMPRESSOR, EMBRACO, 1/4 HP++ (big), 220V, R134A, EGAS 80HLR, FREEZER MOTOR

Category: compressor

written by Lilianne | 22 December 2021

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### TECHNICAL SPECIFICATIONS

- Voltage: 220V 50 / 60Hz
- Refrigerant: R-134A
- Evaporation temperature range: -35 ° C to -10 ° C
- Power: 1/4 +

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## Technical Specifications

Brand	Embraco
Production place	Brazil
Compressor Type	Hermetic Piston
Compression Line	1/4 "
Working Regime	LBP (-23,3 °C / + 54,4 °C)
Frequency (Hz)	50-60
Suction Line	5/16 "
Cooling Capacity (Watts)	195
good kodu	51370117399RA
Compressor Model	EGAS80HLR
Piston Diameter (cm3/rev)	6.36
Tipi Motorcycle	1 FAZ - RSIR
Refrigerant Gas	R134a
Compressor Power(Hp)	1/4 +



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## Bitzer, Compressor, S6F-30.2Y-40P, Compressor Selection, Semi-hermetic Reciprocating, 1450 min-1 , 101,1 (LP) , 30hp

Category: compressor

written by Lilianne | 22 December 2021

BITZER is raising the bar in terms of technology and capacity for expanded low temperature applications with the 2nd generation of 2-stage compressors. This series is the result of extensive research on the basis of years of experience in the construction of highly efficient and solid reciprocating compressors. The gas flow control and working valves are specially adapted for low temperature

applications.

- Displacement at 1450 min<sup>-1</sup> : 101,1 (LP) 50,5 (HP)
- Number of cylinders : 6
- Oilcharge : 4,75 dm<sup>3</sup>

Displacement (1450 RPM 50Hz):101.10 / 50.50 m<sup>3</sup>/h Displacement (1750 RPM 60Hz):122.02 / 60.95 m<sup>3</sup>/h

The Bitzer Compressor is high quality!

Displacement (1450 RPM 50Hz):101.10 / 50.50 m<sup>3</sup>/h

Displacement (1750 RPM 60Hz):122.02 / 60.95 m<sup>3</sup>/h

No. of cylinder x bore LP/HP x stroke:6+6 x 82/ 82 mm x 55 mm

Max. pressure (LP/MP/HP):19 / 19 / 28 bar

Connection suction line:42 mm – 1 5/8 inch

Connection discharge line:35 mm – 1 3/8 inch

Oil type R404A/R507A:BSE32 (Standard)

Oil type R448A/R449A:BSE32 (Standard)

Oil type R22:B5.2 (Option) We can also provide the following models

4JTE-15K

GYD80485VAYB4

GED60235VLB332

GMD60137VBYR632

GED60485VBYR3-1

CSH7573-70Y-40P

GYD80182VLYB632

GYD60385VLYR2-2

GED80154VLR332

GYU80295VLR4-2

GSU60120VLB6-2

GED60137VAYB3-1

GUU60154VLR532

GUD80295VLR232

GSD80295VLR6-1

GTU60137VLYB3-1

GUD60137VBYR5-1

GYD80235VBYB332

GYD60421VAYR332

GMD60295VBR3-1

GED80154VBYB6

4NEH-14-40S

GMU60154VLY

GYD60154VAB4-2

GYD80182VAYR4-2

GYD80421VBR5-1

GYD60385VLYR4-1

4TE-9.F3Y-40S

GMD60182VBYB3-2

GMD80120VLR232

GUD60120VBYR5-2

GSD60154VAYR232

GMD60154VBYR632

44EES-12-40S

GMD60154VBB432  
 GUD80421VWR4-2  
 GYD80385VAYR2-2  
 GTD60385VLB632  
 GED60235VLB2  
 GED60154VAYR4  
 GSD80421VWR5-2  
 GUD60421VBR5  
 GYD80182VBYB5-1  
 GED60295VBB5  
 GED80421VAR4-1  
 GED60385VLYB3  
 GYU80421VLR2  
 GSD80485VBB5-1  
 GED60120VLB2  
 GUD60421VBR332  
 GTD60154VAB4-2  
 GED60421VAYB6-1  
 GMD60485VBB5-1  
 GSD60485VAYR4  
 GED80295VLYR6-1  
 GSD60235VAYB232  
 GTD60385VBYR3-1  
 GUD60154VBB3-2  
 GUD80295VWB6-2  
 GED60421VAR5  
 GMD80421VBR4  
 GED80182VLR532  
 GSD60154VBYB6-1  
 GTD80421VBYR332  
 GSD60182VAYB4-1  
 GUD80485VWYR5-2  
 GSU80295VLYR6-1  
 GSD80182VLYR2-2  
 GSU80385VLB432  
 GED80295VAY  
 GED80295VAB3-2  
 GYD60120VAR4

## With liquid subcooling 50Hz (R404A/R507A)

Compressor type	Cond. temp. [°C]	Evaporating temperature °C										
		Qo / Pe	-25	-30	-35	-40	-45	-50	-55	-60	-65	-70
S6F-30.2Y	30	Qo	43400	37400	31750	26500	21700	17420	13690	10540	7920	5800
Pe	2,53	0,65	8,78	16,94	15,15	13,42	11,77	10,20	8,74	7,40		
35	Qo	42500	36600	31050	25900	21200	17030	13420	10340	7780	5680	
Pe	3,85	1,86	9,89	7,94	6,04	4,21	12,45	10,78	9,23	7,80		
40	Qo	41500	35700	30300	25300	20700	16680	13170	10150	7590		
Pe	25,20	23,10	21,01	18,96	16,95	15,00	13,14	11,37	9,72			

45	Qo	40450 34800	29550 24700 20300 1660 12930 9920
Pe	26,59	24,37 22,16	19,98 17,86 15,80 13,83 11,96
50	Qo	39500 34000	28850 24100 19870 16060 12650
Pe	28,07	25,69 23,33	21,01 18,75 6,57 14,49
55	Qo	38800 33250	28200 23600 19490 15740
Pe	29,64	27,06 24,51	22,03 19,63 17,32

Qo – Cooling capacity [Watt], Pe – Power consumption [kW]

## Without liquid subcooling 50Hz (R404A/R507A)

Compressor type	Cond. temp. [°C]	Qo / Pe	Evaporating temperature °C										
				-25	-30	-35	-40	-45	-50	-55	-60	-65	-70
S6F-30.2Y	30	Qo	38050	31700	26050	21000	16620	12880	9790	7280	5300	3760	
Pe	1,26	18,81	16,61	14,64	12,90	11,37	10,02	8,86	7,85	7,00			
35	Qo	36000	29950	24500	19710	15570	12070	9180	6840	4980	3510		
Pe	22,11	19,66	17,41	15,37	13,53	11,88	10,42	9,13	8,02	5,72			
40	Qo	33800	28000	22900	18390	14530	11280	8590	6400	4620			
Pe	22,95	20,53	18,26	16,15	14,20	12,42	10,82	9,41	8,18				
45	Qo	31450	26050	21250	17080	13510	10500	8000	5920				
Pe	23,82	21,42	19,12	16,94	14,89	13,00	11,26	9,71					
50	Qo	28950	24000	19590	15770	12490	9710	7370					
Pe	24,72	22,31	19,98	17,74	15,61	13,61	11,76						
55	Qo	26400	21900	17890	14430	11440	8880						
Pe	25,67	23,19	20,80	18,52	16,34	14,27							

Qo – Cooling capacity [Watt], Pe – Power consumption [kW]





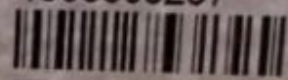




Type S6F-30.2Y-40P

S.No. 1600308267

BITZER KÜHLMASCHINENBAU GMBH  
Made in Germany



Nominal Voltage V 3Ph~	Frequ. Hz	Operat. C. A (max.)	Locked Rotor C.		Displacem. m³/h	Speed RPM
			A (Y)	A (YY)		
380-420	50	51	135	220	101,4	1450
440-480	60	51	135	220	122	1750

IP 54 LP/HP max. 19 / 28 bar







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Compressor type Displacement at 1450 min-1 Number of cylinders Oil charge Weight Pipe connections Motor Max. operating current Max. power consumption Starting

current(lockedrotor)LPHPDLSLdm3KgmpouceAmpkW  
Y/YY56F-30.2Y101,150,567.752343513/842  
5415/8  
21/8380 ..420YY/3/50  
440 ..480 YY/3/605131,9135/220

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# GP14TB, R-134a, 3/8HP++, 230V, Haute Pression, CUBIGEL/HUAYI, Décalage: 14.17 cm<sup>3</sup>

Category: compressor

written by Lilianne | 22 December 2021

- **CUBIGEL/HUAYI**
- **Original**

## Données techniques

- Modèle: **GP14TB**
- Gaz: **R-134a**
- Température/Pression: **Haute Pression**
- Puissance: **3/8 HP**
- Type De Courant: **Monophasé**
- Fréquence: **50 Hz**
- Type De Compresseur: **Hermétique**
- Décalage: **14.17 cm<sup>3</sup>**
- Cons.Énergie -10°C: **366 W**
- Cons.Énergie -5°C: **406 W**
- Cons.Énergie 0°C: **448 W**
- Cons.Énergie +5°C: **491 W**
- Cons.Énergie +10°C: **536 W**
- T° De Condensation: **40 °C**
- Capacité Frigorífica -15°C: **489 Kcal/h**
- Capacité Frigorífica -10°C: **634 Kcal/h**
- Capacité Frigorífica -5°C: **800 Kcal/h**
- Capacité Frigorífica 0°C: **986 Kcal/h**
- Capacité Frigorífica 5°C: **1193 Kcal/h**
- Capacité Frigorífica 7.2°C: **1291 Kcal/h**
- Capacité Frigorífica 10°C: **1421 Kcal/h**
- Tipo Test: **Ashare 46**



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3070051	alternative part number	605011	رقم القطعة
GP14TB	type	R134a	refrigerant
W 566	power input	HP 3/8	power
CSIR	motor system	cm <sup>3</sup> 14	cylinder capacity
mm 203.6	height	V 220-240	voltage
W 643	power at -5°C	W 497	power at -10°C
W 999	power at +5°C	W 810	power at 0°C
W 271	power at -20°C	W 191	power at -25°C
W 1209	power at +10°C	W 373	power at -15°C
HMBP	application	ASHRAE	test method
C° 43	.ambient temperature max	Hz 50	frequency
		kg 11.5	weight



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# Donper, Refrigeration, Compressr, r134A, freezer, LU140CY1, CT6220CE, AK120CY1, 1/3Hp-

Category: compressor

written by Lilianne | 22 December 2021

Product Description

Donper Refrigeration Compressr r134A

– Famous and Popular Compressors

– D series hermetic compressors for R134A mainly are designed for applications in water dispenser, small freezer. The main characteristics of D series are light weight, compact size, high reliability, low noise and low vibration.

– R134A S series hermetic compressor mainly are designed for applications in water dispenser, small refrigerator, small freezer. The main characteristics of S series are light weight and compact size, reliability, low noise and high low vibration. By the optimal design of the suspension system and the continuous curvarure design of its housing, low operating vibration and sound levels have been achieved.

R600a Series

Refrige- rant	Applica- tion	Model	Series	Power	Cooling	Motor type	Power supply	Cooling capacity	COP	W/W
*ASHRAE -23.3	*CECOMAF -25	*ASHRAE -23.3	*CECOMAF -25							
R600a	LBP	W40CY	IN	1/14	S	hatch	220/50	55	43	0.9 0.75
R600a	LBP	S53CY	S	1/10	S	hatch	220/50	75	57	1.2 0.95
R600a	LBP	S65CY	S	1/8	S	hatch	220/50	95	72	1.2 0.95
R600a	LBP	S75CY	S	1/7	S	hatch	220/50	118	86	1.2 0.95
R600a	LBP	SK53CY	S	1/10	S	RSCR	220/50	75	57	1.3 1.03
R600a	LBP	L76CY	L	1/6	S	hatch	220/50	132	100	1.36 1.07
R600a	LBP	L88CY	L	1/5	S	hatch	220/50	153	116	1.36 1.07
R600a	LBP	QD60AY	NOT	1/7	S	hatch	100/60	125	95	1.35 1.07
R600a	LBP	QD76Y	NOT	1/6	S	hatch	220/50	132	100	1.36 1.07
R600a	LBP	QD88Y	NOT	1/5	S	hatch	220/50	153	116	1.36 1.07
R600a	LBP	QD100Y	NOT	1/5	+ S	hatch	220/50	170	129	1.38 1.09
R600a	LBP	QD123Y	NOT	1/4	S	hatch	220/50	187	142	1.38 1.09
R600a	LBP	LK88CY	L	1/5	+ S	RSCR	220/50	160	122	1.58 1.25
R600a	LBP	QD100YG	NOT	1/4	+ S	RSCR	220/50	180	137	1.58 1.25
R600a	LBP	QD135YG	NOT	1/4	+ S	RSCR	220/50	215	163	1.58 1.23
R600a	LBP	QD153YG	NOT	1/4	+ S	RSCR	220/50	246	184	1.58 1.23
R600a	LBP	LU68CY	L	1/7	S	RSCR	220/50	120	91	1.56 1.22
R600a	LBP	QD68YU	NOT	1/7	S	RSCR	220/50	120	91	1.56 1.22
R600a	LBP	QD76YU	NOT	1/6	S	RSCR	220/50	140	106	1.65 1.3

R600a	LBP	QD88YU	NOT	1/5 S	RSCR	220/50 160	122	1.68	1.33
R600a	LBP	QD100YU	NOT	1/4 S	RSCR	220/50 180	137	1.7	1.34
R600a	LBP	QD123YU	NOT	1/4 S	RSCR	220/50 196	150	1.68	1.3
R600a	LBP	QD135YU	NOT	1/4 + S	RSCR	220/50 220	168	1.68	1.3
R600a	LBP	QD153YU	NOT	1/4 + S	RSCR	220/50 248	189	1.65	1.28
R600a	LBP	QD68YZ	NOT	1/6 S	RSCR	220/50 120	91	1.8	1.42
R600a	LBP	QD76YZ	NOT	1/6 S	RSCR	220/50 140	106	1.8	1.42
R600a	LBP	QD88YZ	NOT	1/5 + S	RSCR	220/50 165	125	1.8	1.42
R600a	LBP	QD100YZ	NOT	1/4 + S	RSCR	220/50 185	141	1.8	1.42
R600a	LBP	QD135YZ	NOT	1 / 3- S	RSCR	220/50 220	168	1.8	1.42
R600a	LBP	QD60YT	NOT	1/8 S	ESCR	220/50 106	81	1.88	1.48
R600a	LBP	QD68YT	NOT	1/7 S	ESCR	220/50 126	96	1.9	1.5
R600a	LBP	QD76YT	NOT	1/6 S	ESCR	220/50 146	111	1.94	1.53
R600a	LBP	LU68PY	L	1/7 S	BLDC	220/50 120	91	1.65	1.3
R600a	LBP	LU68PY	L	1/5 S	BLDC	220/50 160	122	1.65	1.3

<b>Model no</b>	L140CY1	<b>Refrigerant</b>	R600a
<b>Cooling capacity</b>	230W	<b>Input power</b>	170W
<b>Hose Power</b>	1/3- HP	<b>Temperature application</b>	LBP
<b>Displacement</b>	14cm <sup>3</sup>	<b>Working Current</b>	1.3A
<b>Voltage</b>	220V~240V/50Hz	<b>COP</b>	1.35W/W
<b>Motor type</b>	RSIR	<b>Cylinder capacity</b>	14cm <sup>3</sup>
<b>Cooling type</b>	Need a fan motor	<b>Weight</b>	8.6±0.4kg



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#### Quick Details

Condition:	New	Applicable Industries:	Hotels, Restaurant, Home Use, Food Shop, Food & Beverage...
Showroom Location:	None	Video outgoing-inspection:	Not Available
Machinery Test Report:	Not Available	Marketing Type:	Ordinary Product
Brand Name:	Dongbei/OEM	Place of Origin:	Hubei, China
Application:	Refrigeration Parts	Type:	Refrigeration Compressor
Product name:	R600a 1/3 hp Refrigeration Commercial Freezer Compressor	Warranty:	1 year
Voltage:	220V~240V/50HZ	Refrigerant:	R600a
Cooling capacity:	230W	Horse Power:	1/3
Cylinder capacity:	14 Cubic Centimetre	Input power:	170W
Motor Type:	RSIR	Working current:	1.3A
After Warranty Service:	Online support	Weight:	8.6±0.4kg
Certification:	CCC/VDE	Local Service Location:	None
		After-sales Service Provided:	Online support



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COOLING CAPACITY	230W
REFRIGERANTS	R600a
INPUT POWER	170W
HORSE POWER	1/3-
DISPLACEMENT	14cm <sup>3</sup>



Model no	L140CY1	Refrigerant	R600a
Cooling capacity	230W	Input power	170W
Hose Power	1/3- HP	Temperature application	LBP
Displacement	14cm <sup>3</sup>	Working Current	1.3A
Voltage	220V~240V/50Hz	COP	1.35W/W
Motor type	RSIR	Cylinder capacity	14cm <sup>3</sup>
Cooling type	Need a fan motor	Weight	8.6±0.4kg

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