Compressors ZMC, EGL70AT, 1/5Hp, 1Ph, GL70AT, R-134a, standard Efficiency, 220-240V 50Hz, Cubigel Compressor, Cubigel, RSIR, LBP – LST – S, no Starting capacitor

Category: compressor
written by Lilianne | 19 December 2020

G	L	Y	60	R	A	a

Indicates refrigerant.
G = R134a **N** = R290
M = R404A/R507 **H** = R600a

Indicates compressor range (overall design).
L = 4.5 - 10.7cm³ **X** = 16.0 - 23.0cm³
U = 4.5 - 8.9cm³ **P** = 12.0 - 18.0cm³ **S** = 18.0 - 38.0cm³

Indicates energy efficiency level. Not appearing in case of Standard efficiency.
Blank = Standard Efficiency
C = Enhance Efficiency
M = Medium
Y = High Efficiency - Run Capacitor Optional RSIR/RSCR or CSIR/CSR
T = Top Efficiency - Run Capacitor RSCR or CSR
S = Super Efficiency - Run Capacitor Optional RSIR/RSCR or CSIR/CSR

Indicates approximate compressor displacement under the following rule:
U / L ranges 10 times the approx. displacement in cm³/rev (GL90TB -> approx 9 cm³/rev)
P / X / S ranges The approx. displacement in cm³/rev (MX21TG -> approx 21 cm³/rev)

Indicates the starting torque, application type and compressor cooling:
A = LBP - LST - S
C = LBP - LST - FAN
D = LBP - HST - S
F = LBP - HST -FAN
L = LBP - HST - Fan (Current Relay)
M = HMBP - LST/HST - S/FAN
N = LMBP - LST/HST - S/FAN
P = HMBP - LST - FAN
R = HMBP - HST - FAN (CSR versions with Current Relay)
T = HMBP - HST - FAN (CSR versions with Potential Relay)

Indicates the rated voltage:
A = 220-240V 50Hz
B = 220-240V 50Hz (standard efficiency)
G = 200-220V 50Hz / 220-230V 60Hz
J = 100V 50/60Hz
N = 200-220V 50Hz or 200-240V 50Hz /

	GD40AA	4.06	1/10	LBP	S	220-240V 50Hz ~1	RSIR	P	C	34	50	**70**	**0.77**	155	**82**	**1.00**	6.1	Dd
	GD40AF	4.06	1/10	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	31	47	**66**	**0.67**	147	**78**	**0.88**	6.8	Dd
	GLY45AAa	4.56	1/8	LBP	S	220-240V 50Hz ~1	RSIR	P	C	47	65	**89**	**1.01**	192	**104**	**1.30**	8.7	Lb
	GLY45AAb	4.56	1/8	LBP	S	220-240V 50Hz ~1	RSCR	P	C	48	66	**90**	**1.05**	193	**105**	**1.36**	8.7	Lb
	GL45AAa	4.56	1/8	LBP	S	220-240V 50Hz ~1	RSIR	P	C	37	57	**81**	**0.81**	184	**96**	**1.06**	7.9	Lb
	GL45AAb	4.56	1/8	LBP	S	220-240V 50Hz ~1	CSIR	R	C-V	37	57	**81**	**0.81**	184	**96**	**1.06**	7.9	Lb
	GL45AF	4.56	1/8	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	36	56	**80**	**0.74**	184	**95**	**0.97**	8.4	Lb
	GL45ANa	4.56	1/8	LBP	S	200-240/220-230V 50/60Hz ~1	RSIR	P	C	36	56	**80**	**0.78**	184	**95**	**1.03**	8.4	Lb
	GLY55AAa	5.46	1/7	LBP	S	220-240V 50Hz ~1	RSIR	P	C	53	78	**108**	**1.03**	238	**127**	**1.33**	8.7	Lb
	GLY55AAb	5.46	1/7	LBP	S	220-240V 50Hz ~1	RSCR	P	C	54	78	**109**	**1.09**	239	**128**	**1.40**	8.7	Lb
	GLY60AAa	5.98	1/6	LBP	S	220-240V 50Hz ~1	RSIR	P	C	58	85	**119**	**1.03**	255	**139**	**1.34**	8.7	Lb
	GLY60AAb	5.98	1/6	LBP	S	220-240V 50Hz ~1	RSCR	P	C	58	86	**120**	**1.10**	256	**140**	**1.42**	8.7	Lb
	GL60AAa	5.98	1/6	LBP	S	220-240V 50Hz ~1	RSIR	P	C	50	75	**107**	**0.85**	239	**126**	**1.10**	8.4	Lb
	GL60AAb	5.98	1/6	LBP	S	220-240V 50Hz ~1	CSIR	R	C-V	50	75	**107**	**0.85**	239	**126**	**1.10**	8.4	Lb
	GL60AF	5.98	1/6	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	57	81	**113**	**0.82**	245	**132**	**1.07**	9.1	Lb
	GL60ANa	5.98	1/6	LBP	S	200-240/220-230V 50/60Hz ~1	RSIR	P	C	57	82	**114**	**0.83**	244	**133**	**1.09**	9.1	Lc
	GL60ANb	5.98	1/6	LBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	57	82	**114**	**0.83**	244	**133**	**1.09**	9.1	Lc
	GL60ANc	5.98	1/6	LBP	S	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	57	82	**114**	**0.83**	244	**133**	**1.09**	9.1	Lc
	GL60ANd	5.98	1/6	LBP	OC	200-240/220-230V 50/60Hz ~1	RSIR	P	C	57	82	**114**	**0.83**	244	**133**	**1.09**	9.2	Ld
	GLY70AAa	6.65	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	70	96	**132**	**1.05**	288	**154**	**1.36**	9.7	Lb
	GLY70AAb	6.65	1/5	LBP	S	220-240V 50Hz ~1	RSCR	P	C	71	97	**133**	**1.12**	289	**155**	**1.44**	9.7	Lb
	GL70AA	6.65	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	58	86	**121**	**0.87**	268	**142**	**1.12**	8.8	Lc
	GL70ANa	6.65	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	70	95	**129**	**0.83**	278	**151**	**1.08**	9.4	Lc
	GL70ANb	6.65	1/5	LBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	70	95	**129**	**0.83**	278	**151**	**1.08**	9.4	Lc
	GL70ANc	6.65	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	70	95	**129**	**0.83**	278	**151**	**1.08**	9.4	Lc
	GL70ANd	6.65	1/5	LBP	OC	200-220/220-230V 50/60Hz ~1	RSIR	P	C	70	96	**129**	**0.83**	278	**151**	**1.08**	9.5	Ld
	GLY75AAa	7.38	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	74	107	**147**	**1.06**	311	**172**	**1.36**	9.9	Lc
	GLY75AAb	7.38	1/5	LBP	S	220-240V 50Hz ~1	RSCR	P	C	76	108	**147**	**1.12**	312	**172**	**1.44**	9.9	Lc
	GL75AA	7.38	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	68	95	**132**	**0.91**	296	**155**	**1.18**	9.0	Lc

Model: GL70AA

General data

Refrigerant:	R134a
Discharge element:	C
Cooling:	S
Maximum ambient temperature [°C]:	43

Compressor's data

Cylinder capacity [cm³]:	6,7
Displacement [m³/h]:	1,1
Weight [kg]:	9,6
Oil charge [cm³]:	345
Oil type:	ISO VG 19 ESTER

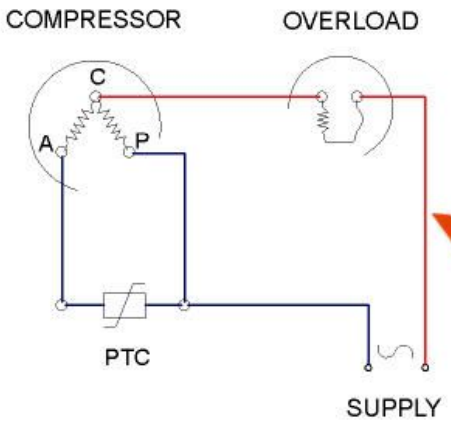
Engine's data

Engine type:	RSIR
Power [KM]:	1/5
Starting element:	LST
Power supply:	220V 50Hz
Voltage range:	187-264
Locked rotor current [A]:	10,9
Running winding resistance (25°C) [Ω]:	12,59
Starting winding resistance (25°C) [Ω]:	22,02

Electrical data

Relays:	3003
Shielding element:	MRA38028, T0508, AF18FU
Starting capacitor volume [µF]:	

RSIR



R134a

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
GL45AA	LBP: R134a	1/8	43	A	96	82	1.06	0.92		
GL45AN	LBP: R134a	1/8	50	C	96	81	1.05	0.8		
GL60AA	LBP: R134a	1/6	43	A	132	114	1.14	0.89		
GL60AF	LBP: R134a	1/6	43	D	132	113	1.07	0.82		
GL60AH	LBP: R134a	1/6	43	A	133	114	1.31	1.01		
GL60AN	LBP: R134a	1/6	50	C	132	114	1.07	0.83		
GL70AA	LBP: R134a	1/5	43	A	140	128	1.18	0.92		
GL70AN	LBP: R134a	1/5	50	D	150	129	1.08	0.83		
GL70AT	LBP: R134a	1/5	43	E	144	122	1.09	0.84		
GL75AA	LBP: R134a	1/5	43	A	155	133	1.18	0.92		
GL80AA	LBP: R134a	1/5	43	A	173	148	1.18	0.93		
GL80AF	LBP: R134a	1/5	43	D	166	141	1.14	0.88		
GL80AH	LBP: R134a	1/5	43	A	175	150	1.35	1.06		
GL80AN	LBP: R134a	1/4	43	A	196	168	1.36	1.06		
GL90AA	LBP: R134a	1/4	43	A	195	167	1.19	0.93		
GL90AH	LBP: R134a	1/4	43	A	217	182	1.38	1.08		
GL90AN	LBP: R134a	1/4	50	D	190	165	1.1	0.85		
GL90AT	LBP: R134a	1/4	43	E	190	161	1.19	0.92		
GL99AA	LBP: R134a	1/4	43	A	214	182	1.24	0.96		
GL99AH	LBP: R134a	1/4	43	A	215	182	1.39	1.08		
GL80AD	LBP: R134a	1/5	43	W	0	0	0	0		
GL90AD	LBP: R134a	1/4	43	W	0	0	0	0		

Mbsm.pro , Compressors ZMC, EGL90AA, R-134a ,1/4 HP LBP, 220 – 240 V

Category: Solutions,Tester ok
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Mbsm.pro , Compressors ZMC, EGL90AA, R-134a ,1/4 HP LBP, 220 – 240 V

BRAND

- **– ZMC**

TECHNICAL SPECIFICATIONS :

– MODEL: **EGL 90 AA**
– POWER: 1/4 **Hp**
– VOLTAGE: **220 – 240 V**
– WATT: **227.00 W**
– REFRIGERANT GAS: **R 134**
– K.CAL: **195.00 Cal.**
Features : The compressors form the basis of the refrigerant system and function to compress the gas from the evaporation to the condensation pressure.

USAGE PLACES :

It is used in Refrigerator devices belonging to all brands and models.

INSTRUCTIONS FOR USE:

Zmc EGL90AA;It is recommended to be used by a specialist authorized or authorized service.

Mbsm_dot_pro_private_PDF_catalogo_cubigel_R134aTélécharger
Mbsm_dot_pro_private_PDF_cubigel-katalogTélécharger