

ELECTROLUX, CUBIGEL, Compresseur, GL90TB, R-134a, 1 / 4HP++ (big), 230V, RSCR, HMBP

Category: compressor

written by www.mbsm.pro | 25 December 2020



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 **Electrolux**
COMPRESSORS

GL90BH 03011
220 - 240 V ~ 50 Hz

R134a



 7625
0008146

Compressor ELECTROLUX \ CUBIGEL GL90TB

Substitutes for this compressor are: [Aspera NEK6170Z](#) , Danfoss/Secop FR10G , L'Unite Hermetique/Tecumseh AE4430Y

Refrigerant	R134A
Working range [C]	-25 to +10
Power supply	220V 50Hz
Engine type	CSIR
Power [HP]	1/4
Cylinder capacity [cm³]	8,9
Weight [kg]	10,8

Refrigerant: R134A



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Type: Compresseurs à pistons hermétiques

Producteur: ACC

Série: HMBP

Modèle: GL90BH

Données GENERALES

Réfrigérant: R134a
Élément de décharge: C
Refroidissement: 0C
Température ambiante maximale [°C]: 43

Données du compresseur

Cylindrée [cm³]: 9,1
Déplacement [m³ / h]: 1,6
Poids [kg]: 11,1
Charge d'huile [cm³]: 470
Type d'huile: ISO VG 19 ESTER

Données du moteur

Type de moteur: RSCR
Puissance [KM]: 1/4
Élément de départ: LST
Source de courant: 220V 50Hz
Gamme de tension: 187-264
Courant rotor bloqué [A]: 13,8
Résistance d'enroulement en marche (25 ° C) [Ω]: 8,97
Résistance d'enroulement de démarrage (25 ° C) [Ω]: 18,05

Données électriques

Relais: 3003
Élément de blindage:
Volume du condensateur de démarrage [µF]: 6/400

Connexions

	millimètres	pouces
Le tube d'aspiration:	6,5	
Tube de service:	6,5	
Tube de décharge:	4,9	
Tube de refroidisseur d'huile:		4,9

[Mbsm_dot_pro_private_PDF_Cubigel_Brochure_-320102MTélécharger](#)

[Mbsm_dot_pro_private_PDF_compresseur-acc-cubigell-gl90tbTélécharger](#)

Capacité de refroidissement [W]

t _c \ t _e	-35	-30	-25	-20	-15	-dix
40	114	162	218	282	355	435
45	104	148	200	261	330	407
50	93	134	183	240	305	379
55	82	119	165	219	281	351

60 72 105 147 198 256 323

Puissance absorbée [W]

$t_c \setminus t_e$	-35	-30	-25	-20	-15	-dix
40	123	145	167	189	212	235
45	122	145	168	192	216	240
50	121	145	170	195	220	245
55	120	145	171	197	223	250
60	119	146	173	200	227	255

Actuel [A]

$t_c \setminus t_e$	-35	-30	-25	-20	-15	-dix
40	0,64	0,75	0,85	0,95	1,05	1,14
45	0,63	0,74	0,86	0,96	1,06	1,16
50	0,62	0,74	0,86	0,97	1,08	1,18
55	0,61	0,74	0,86	0,98	1,09	1,20
60	0,60	0,73	0,86	0,99	1,10	1,22

Débit massique [kg / s]

$t_c \setminus t_e$	-35	-30	-25	-20	-15	-dix
40	0,55	0,85	1,23	1,68	2,20	2,80
45	0,48	0,77	1,14	1,58	2,09	2,67
50	0,41	0,69	1,04	1,47	1,97	2,54
55	0,34	0,61	0,95	1,36	1,85	2,41
60	0,27	0,52	0,86	1,26	1,73	2,28

COP [W / W]

$t_c \setminus t_e$	-35	-30	-25	-20	-15	-dix
40	0,93	1,12	1,31	1,49	1,67	1,85
45	0,85	1,02	1,19	1,36	1,53	1,70
50	0,77	0,92	1,08	1,23	1,39	1,55
55	0,69	0,82	0,96	1,11	1,26	1,40
60	0,60	0,72	0,85	0,99	1,13	1,26

Conditions de fonctionnement: ASHRAE

t_c – Température de condensation [°C]

t_e – Température d'évaporation [°C]

[Mbsm_dot_pro_private_PDFGL90BHTélécharger](#)

[Mbsm_dot_pro_private_PDF__GL90BHTélécharger](#)

[Mbsm_dot_pro_private_PDF_danfoss_GL90TG_R134a_230_60](#)

Compressor ,ACC Cubigel ,Huayi

,Electrolux ,ZEM ,GP16TG, HMBP,R134a,
200- 220V / 220-230V/1/50/60Hz, 3/8
HP, displacement 16,15 cm³

Category: Technologie,Tester ok
written by www.mbsm.pro | 25 December 2020



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Compressor ,ACC Cubigel ,Huayi ,Electrolux ,ZEM ,GP16TG, HMBP,R134a, 200- 220V /
220-230V/1/50/60Hz, 3/8 HP, displacement 16,15 cm³

Rsir/Rscr ,Compresseur , ACC Cubigel
,Electrolux ,HTH14AA ,R600 , 220 /
240 V/50 Hz,1/4HP ,Engine 14 cm³,LBP
,245W

Category: Technologie,Tester ok
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C46553544

ACC
R600a

HTH14AA 1149
220--240V
50Hz
← **SUCTION** **CE**
8 486 0723410 2 



Private Picture : www.MBSM.PRO

Rsir/Rscr ,Compresseur , ACC Cubigel ,Electrolux ,HTH14AA ,R600 , 220 / 240 V/50 Hz, 9,37kg ,1/4HP ,Engine 14 cm³,LBP ,245W

Compressor ELECTROLUX, CUBIGEL
,GP12TB ,Hermetic piston ,ACC ,HMBP ,
moteur HP , 3/8 HP++, 1/2 hp- , 1PH ,
R134A , Pression 1.7 Bar , 220V

Category: compressor,Technologie,Tester ok
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	Model	Refr.	HP
▶ <input type="checkbox"/>	<u>GL45PB</u>	HMBP::R134a	1/6
▶ <input type="checkbox"/>	<u>GL45PB</u>	HMBP::R134a	1/6
▶ <input type="checkbox"/>	<u>GL45TB</u>	HMBP::R134a	1/6
▶ <input type="checkbox"/>	<u>GL60PB</u>	HMBP::R134a	1/5
▶ <input type="checkbox"/>	<u>GL60TB</u>	HMBP::R134a	1/5
▶ <input type="checkbox"/>	<u>GL80PB</u>	HMBP::R134a	1/5
▶ <input type="checkbox"/>	<u>GL80TB</u>	HMBP::R134a	F
▶ <input type="checkbox"/>	<u>GL90TB</u>	HMBP::R134a	1/4
▶ <input type="checkbox"/>	<u>GP12TB</u>	HMBP::R134a	3/8

Picture5 Mbsm Dot Pro : www.mbsm.pro

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Compressor ELECTROLUX, CUBIGEL GP12TB ,Hermetic piston ,ACC ,HMBP , moteur HP , 3/8 HP , 1PH , R134A , Pression 1.7 Bar

Mbsm.pro , Compressor ESC 8.5, R134a, Necchi (530591) , 1/5 Hp ,159 w

Category: Solutions,Tester ok
written by Jamila | 25 December 2020



PictureS Mbsm Dot Pro : www.mbsm.pro

Mbsm.pro , Compressor ESC 8.5, R134a, Necchi (530591) , 1/5 Hp ,159 w

	Motore	cm ³	Volt	Watt -10°C	Watt -30°C	
RIB5150	A9EV – R22 – 3/8 – LBP	CSR	9,29	220	642	
RIB5160	A11EV – R22 – 1/2 Hp – LBP	CSR	11,11	220	781	
RIB5350	A13EV – R22 – 5/8 Hp – LBP	CSR	13,35	220	967	
RIB5450	N17EV – R22 – 3/4 Hp – LBP	CSR	17,52	220	1221	
RIB5550	N21EV – R22 -1- Hp LBP	CSR	20,68	220	1464	
RIB5650	N23EV – R22 – 1,2 Hp – LBP	CSR	23,18	230	1616	
RIB7104	NB4 COMPRESS. R12 24V. FRAMEC 1/8 =					
RIB7108	NB8 COMPRESS. R12 24V.FRAMEC 175w.=					
RIB7113	NB13HP COMPRESS.R12 24V.FRAMEC 1/3=					
RIBB010	ETR 3 – R134A – 1/12 Hp – LBP	RSIR	3,00	220	127	
RIBB020	ETR 3,5 HP 1/10 R134A – LBP	RSIR	3,50	220	156	
RIBB030	ETR 4 HP 1/8 R134A – LBP	RSIR	4,10	220	179	
RIBB040	ETR 5 – R134a – HP 1/6 – LBP	RSIR	5,12	220	231	
RIBB050	ETR5,5 – R134a – 1/6 Hp – LBP	RSIR	5,55	220	257	
RIBB080	ESC5 – R134a – 1/6 Hp – LBP	RSIR	5,12	220	222	
RIBB100	ESC7 – R134a – 1/5 Hp – LBP	RSIR	7,00	220	307	
RIBB110	ESC8 – R134a – 1/5 Hp – LBP	RSIR	7,75	220	358	
RIBB130	ESC9 – R134a – 1/4 Hp – LBP	RSIR	9,07	220	424	
RIBB140	ESC11 – R134a – 1/3 Hp – LBP	RSIR	10,63	220	501	
RIBB200	ESC4H – R134a – 1/8 Hp – LBP	RSIR	4,10	220	177	
RIBB400	ESR 7 – R134a – 1/5 Hp – LBP	RSIR	7,00	220	307	
RIBB410	ESR 8 – R134a – 1/5 Hp – LBP	RSIR	7,75	220	358	
RIBB430	ESR 9 – R134a – 1/4 Hp – LBP	RSIR	9,07	220	424	
RIBB440	ESR11 – R134a – 1/3 Hp – LBP	RSIR	10,63	220	501	
RIBE040	TN17EV – R404 – 3/4 Hp – LBP	CSR	17,52	220		565
RIBE050	TN21EV – R404 – 1 Hp – LBP	CSR	20,68	220		644
RIBE060	TN23EV – R404 – 1,2 Hp – LBP	CSR	23,18	220		726
RIBT999	COMPRESSORE ELECTROLUX DESCR.BOLLA					



neue Type	Verdichter Type Vorläufer Type	Kältemittel	Bereich	1)Betrieb	2)Leistungs-aufnahme Watt	3)Strom-aufnahme A	Öl-füllung cm ³	Bestell-Nr.
mit Esterölfüllung								
*ETR 3	—	R134a	LBP	K	68	0,55	185	*230.051
*ETR 3,5	—	R134a	LBP	K	81	0,58	185	*230.053
*ETR 4	—	R134a	LBP	K	89	0,64	185	*230.055
*ETR 5	—	R134a	LBP	K	109	0,76	185	*230.057
*ETR 5,5	—	R134a	LBP	K	118	0,80	185	*230.059
*ESR 7	ESC 7	R134a	LBP	K	127	0,83	220	*230.073
*ESR 8	ESC 8	R134a	LBP	K	149	1,00	220	*230.075
*ESR 8,5	ESC 8,5	R134a	LBP	K	159	1,07	220	*230.077
*ESR 9	ESC 9	R134a	LBP	K	177	1,20	220	*230.079
*ESR 11	ESC 11	R134a	LBP	K	215	1,42	220	*230.081
ETR 4H	ES(C)R4H	R134a	HBP	K	187	1,13	185	—
ETR 5H	ES(C)R5H	R134a	HBP	K	231	1,30	185	—
ESR 7H	ESC 7H	R134a	HBP	K	288	1,61	220	—
ESR 9H	ESC 9H	R134a	HBP	K	396	2,31	220	—
ESR 11H	ESC 11H	R134a	HBP	K	472	2,64	220	—
TA 13 EV	—	R404 A	LBP	K/E	463	2,15	950	230.096
TN 17 EV	—	R404 A	LBP	K/E	627	2,93	950	230.097
TN 21 EV	—	R404 A	LBP	K/E	727	3,61	950	230.099

PictureS Mbsm Dot Pro : www.mbsm.pro

Mbsm.pro, GL90TB , COMPRESSEUR ACC CUBIGEL ELECTROLUX, R134A ,1/4HP 230V

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PictureS Mbsm Dot Pro : www.mbsm.pro

Mbsm.pro, GL90TB , COMPRESSEUR ACC CUBIGEL ELECTROLUX, R134A ,1/4HP 230V

- Puissance en cheval 1/4 CV
 - Alimentation 220-240 V 50 Hz
 - Gaz R134a HMBP
 - Cylindrée du compresseur 8,8 cm³
 - Température d'utilisation max. 32°C
 - Complet avec starter, condensateur, boîtier et système de fixation
- La photo montre l'aspect du compresseur, pas son étiquette réelle



PictureS Mbsm Dot Pro : www.mbsm.pro

Codes fabricants

- ACC-GL90TB
- ALPENINOX-83718
- ANGELO PO-34D6510
- CEM-340
- CUBIGEL-GL90TB
- DEXION-022260-00
- ELECTROLUX-83718
- FRIULINOX-995783
- ICEMATIC-19165548
- MARENO-25016599
- MONDIAL ELITE-4106073
- MONDIAL ELITE-4106073+1147212
- NECTA VENDING-986934
- ZANUSSI-83718

Documentation technique du compresseur frigorifique Cubigel **[regarder en dessous](#)**



PictureS Mbsm Dot Pro : www.mbsm.pro

Mbsm.pro , Compressor ACC ,Cubigel
Huayi, Electrolux ZEM, GP12TG, HMBP-
R134a, 220-230V ,50/60Hz, 3.8 HP

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Mbsm.pro , Compressor ACC ,Cubigel Huayi, Electrolux ZEM, GP12TG, HMBP-R134a, 220-230V ,50/60Hz, 3.8 HP



cubigel

compressors

**THERMALLY
PROTECTED**

R134a

GP12TG

200-220V~50Hz PH1

220-230V~60Hz

CE

72081 80231000

MADE IN
SPAIN

2
272

COMPRESSOR

Displacement (cm ³)	12
Diameter (mm)	29.37
Stroke (mm)	17.8
Net Weight (Kg)	11.2
Oil type	ISO VG 22 ESTER
Oil charge (cm ³)	400

MOTOR

Approximate Power (CV)	3/8
Voltage/Frequency (V/Hz)	200V 50Hz
Voltage range (V)	170-242
Code	61.575
Type	CSIR
Phase number	1 PH
Locked rotor current (A)	16.0
Main W. resist. at 25°C (Ω)	4.59
Start W. resist. at 25°C (Ω)	16.52

APPLICATION

Application	High/Mid. back pressure
Refrigerant	R134a
Evaporating (°C)	-25 to 10
Expansion	Capillar/Valve
Comp. cooling	Fan cooled
Max. ambient temp. (°C)	43

NOMINAL PERFORMANCE	CYCLE C	CYCLE D
Cooling capacity (kcal/h)	768	920
Input power (W)	505	530
EER (kcal/Wh)	1.52	1.73
COP (W/W)	1.76	2.01
Current (A)	3.29	3.39

TEST CONDITIONS

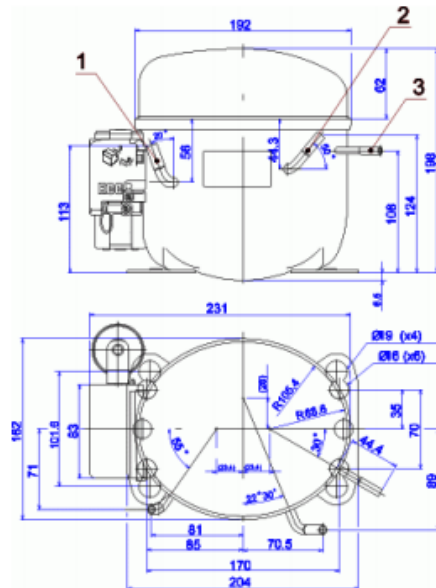
Evaporating temp. (°C)	5.0	7.2
Condensing temp. (°C)	55.0	55.0
Liq.t. entering expan. (°C)	55.0	46.0
Ambient t. and return (°C)	32.0	35.0
Tens/Freq (V/Hz)	200V 50Hz	200V 50Hz

ELECTRICAL COMPONENTS

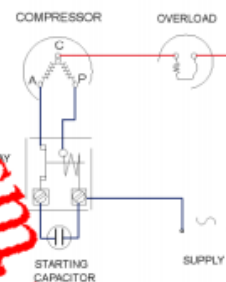
Relay	2014 149.
Pick-Up (A)	7.80


ELECTRICAL COMPONENTS

Relay	2014 149.	
Pick-Up (A)	7.80	
Drop-Out (A)	6.65	
Protector	MRT20APK	T0188
Current (A)	13.2	12.3
Time check (seg)	7.5-14	7.5-14
Disc temp. (Open/Close) (°C)	105.0 / 61.0	115.0 / 61.0
Starting capacitor (μF/M/FM)	47- 56 / 330	

DIMENSIONS AND ELECTRICAL DIAGRAM


DESIGNATION	INTERNAL DIAM. (MM)
1 Suction/Service	8.1
2 Service/Suction	8.1
3 Discharge	6.5

CSIR


www.mbsm.pro, Electrolux GL75AA Refrigerator 1/5 HP, Compressor Cooling solution for Refrigerators

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Picture5 Mbsm Dot Pro : www.mbsm.pro

www.mbsm.pro, Electrolux GL75AA Refrigerator 1/5 HP, Compressor Cooling solution for Refrigerators