

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

written by Lilianne | 20 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 (Δ/y)</b>	43/25 A
<b>MCC (Δ/y)</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

1)



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**BOCK** BOCK GmbH, Benzstr.7  
72636 Frickenhausen, Germany **CE**

Typ: HGX12P/75-4 S

Nr.: BD44874A046

$I_{max}$ : 8,0/4,6A

$I_{block}$   $\Delta$ : 43A Y: 25A

$P_{max}$ : ND(LP) / HD(HP) = 19/28 bar

220-240V $\Delta$ /380-420VY - 3 - 50HZ

n: 1450 min<sup>-1</sup>  $\dot{V}_{th}$ : 6,70 m<sup>3</sup>/h

265-290V $\Delta$ /440-480VY - 3 - 60HZ

n: 1740 min<sup>-1</sup>  $\dot{V}_{th}$ : 8,1 m<sup>3</sup>/h

IP66

Öl: BOCKlubE55

W  
Impo

Ab 02. August 2021 sind  
Diese Änderungen sind auch an  
Die im Werk serienmäßig eingetragenen  
Wartungseinheiten sind zu ersetzen  
aufgrund der Veränderung im gesamten  
erheblich abzuweichen und zudem  
Insbesondere eine Validierung im  
Ölen nicht gewährleistet. 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

written by Lilianne | 20 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

<b>Voltage (V)</b>	230Vac
<b>Frequency (hz)</b>	50
<b>Range</b>	MBP
<b>Displacement (cm<sup>3</sup>)</b>	10,7 cm <sup>3</sup>
<b>Cooling capacity (W)</b>	608W
<b>Conditions (°C)</b>	-10 / +45C

<b>Refrigerant</b>	R134A
<b>Suction line</b>	8.1mm juotettava
<b>Liquid line</b>	6,5mm juotettava
<b>Height (mm)</b>	198mm
<b>Weight (kg)</b>	10,43kg
<b>oil</b>	ISO VG 32 Ester

## Technical data

- Model: **GLY12RAa**
- Refrigerant Gas: **R-134a**
- Pressure/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**

Model	Displacement (cm <sup>3</sup> )	Refrigerant	Application	Compressor Cooling	Voltage/Frequency	Frequency (Hz)	Motor Type	ASHRAE (*)		CECOMAF (*)		T <sub>e</sub> (°C)
								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	60	CSIR	520	2.02	499	1.73	GI
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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	576	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	1.88	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	1.98	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	1.79	GP



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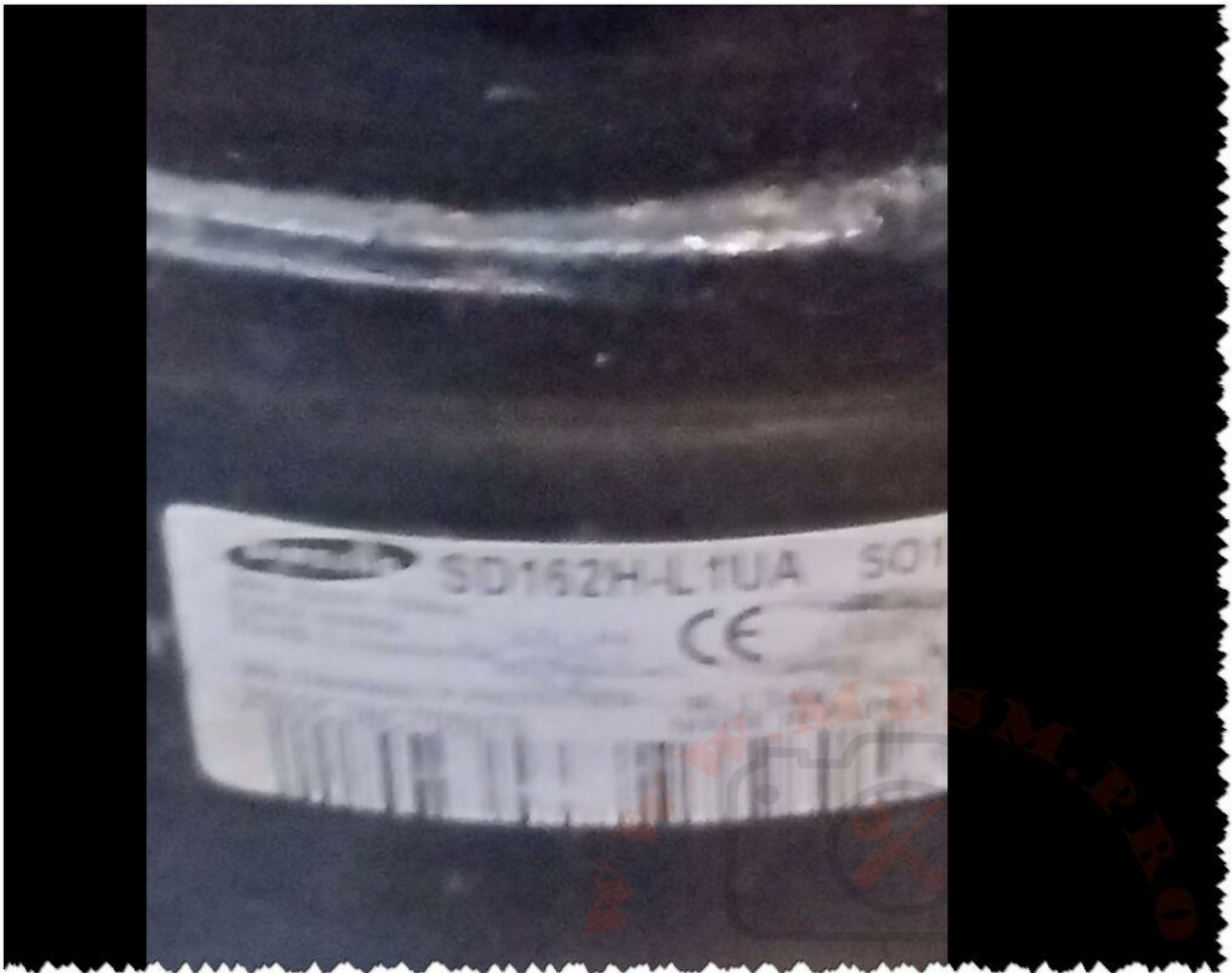


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**REFRIGERATOR, Samsung  
refrigerator, CoolTech,  
Model, SR-38NMB, Capacity: 13**

**cubic feet, Compressor,  
SD162P-L1W2 , 1/5 Hp, Lbp,  
R134A, 198W, input 145 w**

written by Lilianne | 20 December 2021



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REFRIGERATOR, Samsung refrigerator, CoolTech, Model, SR-38NMB,  
Capacity: 13 cubic feet, Compressor, SD162P-L1W2 , 1/5 Hp,  
Lbp, R134A, 198W, input 145 w

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

written by Lilianne | 20 December 2021

Refrigerant R22, R134a, R406a ,R600a

Refrigerant	Model	Power Supply	Displacement (cm <sup>3</sup> )	Cooling Capacity (W)	Rated Power (W)	Nominal power (HP)	COP (W/W)
R134a	QD110H	220-240V/50Hz	11.0	280	233	1/3	1.2
R134a	QD128H	220-240V/50Hz	12.8	325	240	1/3	1.35
R134a	QD142H	220-240V/50Hz	14.2	360	266	1/3	1.35
R134a	QD150H	220-240V/50Hz	15.0	255	259	1/3	0.98
R134a	QD153H	220-240V/50Hz	15.3	390	288.8	2/5	1.35
R134a	QD168H	220-240V/50Hz	16.8	323	310	2/5	1.04
R134a	QD180H	220-240V/50Hz	18.0	392	351	1/2	1.11
R134a	QD210H	220-240V/50Hz	21.0	456	404	1/2	1.12
R134a	QD2511H	115V/60HZ	2.5	70	67	1/11	1.05
R134a	QD25H	220V/50-60HZ	2.5	65/78	62/72	1/12*1/10	1.05/1.08
R134a	QD65H	220V/50HZ	6.5	168	140	1/5	1.2
R134a	QD75H	220V/50HZ	7.5	180	150	1/5+	1.2
R134a	QD91H	220V/50HZ	9.1	208	173	1/4	1.2
R134a	QV10H	220V/50-60HZ	1	35/43	46/53	1/16*1/14	0.76/0.8
R134a	QV15H	220V/50-60HZ	1.5	48/57	53/60	1/14*1/12	0.9/0.95
R134a	QV20H	220V/50-60HZ	2	56/64	56/62	1/13*1/12	1/1.03
R134a	QV3011H	115V/60HZ	3	90	86	1/9	1.05
R134a	QV30H	220V/50-60HZ	3	75/88	71/81	1/11*1/9	1.05/1.08
R134a	WS103H	220V/50HZ	10.3	260	186	1/4	1.4
R134a	WS3911H	115V/60HZ	3.9	120	80	1/9	1.5
R134a	WS50H	220V/50HZ	5.0	152	97	1/8	1.57
R134a	WS5211H	115V/60HZ	5.2	180	115	1/7	1.57
R134a	WS52H	220V/50HZ	5.2	160	100	1/7-	1.6
R134a	WS5711H	115V/60HZ	5.7	195	126	1/6	1.55
R134a	WS57H	220V/50HZ	5.7	170	120	1/6	1.42
R134a	WS60H	220V/50HZ	6.0	180	109	1/7+	1.65
R134a	WS7011H	115V/60HZ	7	245	181	1/4	1.35
R134a	WS70H	220V/50HZ	7.0	197	131	1/6	1.42
R134a	WS70H	220V/50HZ	7.0	197	138.7	1/6	1.42
R134a	WS75H	220V/50HZ	7.5	200	144	1/5	1.4
R134a	WT52H	220V/50HZ	5.2	130	108	1/7	1.2
R134a	WV4311H	115V/60HZ	4.3	130	118	1/6	1.1
R134a	WV5211H	115V/60HZ	5.2	160	133	1/6	1.2
R134a	WS45H	220V/50-60HZ	4.5	130/150	97/105	1/7	1.34/1.43
R134a	WS57H	220V/50-60HZ	5.7	170/195	120/130	1/6	1.42/1.50
R134a	WS75H	220V/50-60HZ	7.5	200/232	144/157	1/5	1.39/1.48
R134a	QV30H	220V/50-60HZ	3	75/88	71/81	1/11*1/9	1.05/1.08
R134a	QD52H	220-240V/50Hz	5.2	130	113	1/7	1.15
R134a	QD43H	220-240V/50Hz	4.3	111	97	1/8	1.15

Model	Displ. (cm3)	POWER HP	Motor Type	Cooling	Capacity(W)54.4/ 130 Condensing Temp.	COP	Input Power (W)	Oil Charge															
								[23.3]	[24]	[15]	[16]	[6.7]	[5]	[0]	[23.3]	[6.7]	[23.3]	[6.7]	[6.7]	[6.7]			
DW	MAWQD25HHP	2.5	1/12	RSIR	5	30	40	52	58	75	93	126	140	156	175	0.85	1.9	68	74	140			
MAWQD30HHP	3.0	1/10	RSIR	S	35	49	63	70	90	112	152	170	188	210	0.85	1.9	82	89	140				
MAWQD35HHP	3.5	1/8	RSIR	S	40	56	72	80	105	128	176	220	242	275	0.9	1.98	89	111	140				
DN	MAMQD43HHP	4.3	1/7	RSIR	5	47	65	83	110	121	149	216	270	297	338	0.95	2.01	116	134	160			
DF	MAFQD52HHP	5.5	1/7	RSIR	5	70	95	123	136	177	218	280	350	385	438	1.15	2.01	118	174	180			
MAFQD59HHP	6.2	1/6	RSIR	S	85	115	149	165	215	265	312	390	430	488	1.16	2.01	142	194	180				
MAFQD65HHP	6.6	1/5	RSIR	S	95	129	167	185	241	297	350	430	473	538	1.18	2.02	157	193	180				
MAFQD75HHP	7.6	1/5+	RSIR	S/F	105	147	190	210	273	337	387	495	545	618	1.2	2.05	175	241	180				
MAFQD91HHR	8.8	1/5+	RSIR	S/F	112	155	200	230	285	350	405	520	570	642	1.22	2.06	189	252	180				
DL	MALQD75HHR	7.2	1/5+	RSIR	S/F	100	140	160	200	260	320	366	470	518	588	1.3	2.06	154	228	220			
MALQD75HGR	7.6	1/5+	RSIR	S/F	105	147	190	220	273	337	387	495	545	618	1.36	2.11	162	235	220				
MALQD91HHR	8.8	1/5+	RSIR	S/F	115	160	207	245	300	368	425	530	583	655	1.37	2.12	179	250	220				
MALQD91HGR	9.3	1/4-	RSIR	S/F	127	176	228	270	330	405	468	580	640	720	1.41	2.15	191	270	220				
MALQD110HHR	10.0	1/4	RSIR	F	136	190	245	300	375	460	470	650	718	820	1.37	2.12	219	307	220				
MALQD110HGR	11.1	1/4+	RSIR	F	150	210	270	330	410	510	520	725	790	905	1.41	2.15	234	337	220				
DQ	MAQQD128HHR	12.3	3/8	RSIR	F	180	252	324	360	468	576	740	925	1018	1156	1.31	2	275	463	250			
MAQQD142HHM	13.5	3/8+	CSIR	F	195	273	351	390	507	624	800	1000	1100	1250	1.3	2	300	500	250				
MAQQD158HHM	15.3	3/8+	CSIR	F	215	300	387	430	560	690	890	1120	1230	1400	1.3	2	331	560	250				
MAQQD168HHM	16.3	1/2	CSIR	F	230	322	415	460	598	736	976	1220	1340	1530	1.3	2	354	610	250				

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- Qd52h power 120w cold capacity 134w
- Qd59h power 145w cooling capacity 145w Qd59h power 145w cooling capacity 145w
- Qd91h power 189w cooling capacity 220w Qd91h power 189w cooling capacity 220w
- Qd110h power 240w cooling capacity 285w Qd110h power 240w cooling capacity 285w
- Qd158h power 330w cooling capacity 450w Qd158h power 330w cooling capacity 450w
- Qd168h power 360w cooling capacity 500w Qd168h power 360w cooling capacity 500w
- Qd65h power 157w cooling capacity 170w Qd65h power 157w cooling capacity 170w
- Qd142h power 290w cooling capacity 395w Qd142h power 290w cooling capacity 395w
- Qd128h power 260w cooling capacity 360w Qd128h power 260w cooling capacity 360w
- Qd59 (r406a refrigerant) Qd59 (r406a refrigerant)
- Qd75h power 175w cooling capacity 185w Qd75h power 175w cooling capacity 185w



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Model	MAQ QD168H HM
Voltage	220-240V
Frequency	50Hz
Refrigerant	R134a

MADE IN CHINA





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**NE2125GK, NEK2130GK,  
NEK6181GK, EMT6165GK, ML90FB,**

# KB2416ZK2, R404a/R507, 1/3HP, LBP, ALL COMPRESSEURS, GAZ R404A – R507, EMBRACO

written by Lilianne | 20 December 2021

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REFRIGERATION COMPRESSORS

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**Compressor coolant R404a/R507 type NE2125GK 220-240V 50Hz LBP fully hermetic 10,45kg 1/3HP**



R404a/R507	refrigerant	605018	piece number
HP 1/3	power	NE2125GK	type
CSIR	motor system	cm <sup>3</sup> 8.78	cylinder capacity
IN -	power at -5°C	Watts 534	power at -10°C
IN -	power at +5°C	IN -	power at 0°C
.W 213	power at -30°C	.W 160	power at -35°C
.W 354	power at -20°C	.W 278	power at -25°C
IN -	power at +10°C	.W 439	power at -15°C
kg 10.45	weight	LBP	application
V 220-240	voltage	Hz 50	frequency



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# Compressor coolant R404a/R507 type NEK2130GK 220-240V 50Hz LBP 10,9kg 1/3HP

## الصفات الفنية

R404a/R507	refrigerant	605334	رقم القطعة
V 220-240	voltage	NEK2130GK	type
LBP	application	Hz 50	frequency
HP 1/3	power	kg 10.9	weight
CSIR	motor system	cm <sup>3</sup> 7.37	cylinder capacity
W 332	power at -25°C	W 255	power at -30°C
W 523	power at -15°C	W 421	power at -20°C
W -	power at -5°C	W 639	power at -10°C
W -	power at +5°C	W -	power at 0°C
R404a/R507	refrigerant	W -	power at +10°C
HP 1/3	power	NEK2130GK	type
CSIR	motor system	cm <sup>3</sup> 7.37	cylinder capacity
W 639	power at -10°C	V 220-240	voltage
W -	power at 0°C	W -	power at -5°C
W 255	power at -30°C	W -	power at +5°C
W 421	power at -20°C	W 332	power at -25°C
W -	power at +10°C	W 523	power at -15°C
Hz 50	frequency	LBP	application
		kg 10.9	weight

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# **NEK6181GK ASPERA EMBRACO COMPRESSOR 1/3HP R404A / R507**

## **DESCRIPTION**

### **NEK6181GK Aspera Embraco compressor 1/3HP**

- Refrigerant: R507a R404A
- Power range(W): 1 – 1,5 kW
- Working area: MBP
- Design type: Hermetic
- Use with: Expansion/Capillary
- Power range(HP):0-2
- Power supply: 220 – 240V/1/50Hz
- Oil type: POE22
- Engine type: CSIR
- Article condition:New

# **EMT6165GK ASPERA EMBRACO COMPRESSOR 1/3HP R404A / R507**

## **DESCRIPTION**

### **Aspera Embraco EMT6165GK compressor 1/3HP**

- high evaporation temperature
- Refrigerant: R507a R404A
- Power range(W): 401 – 500 W 701 – 1000 W
- Performance range:-20 C to +10 C
- Connecting size:4,9 mm

- Working area: MBP
- Design type: Hermetic
- Model series: EMT
- Use with: Expansion/Capillary
- Power range(HP):0-2
- Power supply: 240V/1/50Hz
- Oil type: POE22
- Engine type: CSIR
- Article condition:New

## **Compressor ACC – ML90FB, LBP – R404A, R507, 1/3HP, 220-240V**

Compressor ACC – ML90FB, LBP – R404A, 220-240/50Hz Injection: capillary tube / expansion valve Power: 1/3 HP Refrigerating capacity at -25 / +55°C: 276 W, power consumption: 333 W Max Ambient temperature: 43 °C Displacement: 8.85 cm<sup>3</sup> Engine type: CSIR Oil filling: 400 cm<sup>3</sup> Oil type: ISO VG 46 ESTER Starting element: HST Start capacitor: 47- 56 / 330 µF/V Voltage range: 187-264 V Starting current: 12.2 A Weight: 11 kg Connections: 6.5 x 4.9 mm Main winding resistance: 8.42 (25°C) Ohm Winding resistance: 29.75 (25°C) Ohm. cooling capacity measured for condensation temperature of: 45°C, measuring conditions: ASHRAE Cooling capacity

<b>-10 °C</b>	<b>-15 °C</b>	<b>-20 °C</b>	<b>-25 °C</b>	<b>-30 °C</b>	<b>-35 °C</b>	<b>-40 °C</b>
729	606	495	394	305	227	161
<b>Shipping Class</b>				Standard		
<b>Scope Of Application</b>				LBP		
<b>Lieferzeit</b>				2-3 Wochen		
<b>Type Of Construction</b>				Piston		
<b>Condensation Temperature</b>				45°C		
<b>Maker</b>				ACC		

<b>Manufacturer No.</b>	ML90FB
<b>Displacement In Cm3</b>	8.85
<b>Measuring Requirements</b>	Ashrae
<b>Refrigerants</b>	R404A, R507
<b>Series</b>	ML
<b>Condensing Units Compressors</b>	Compressors
<b>Suspense</b>	220-240V
<b>Weight In Kg</b>	12.1

**Supco KB2416ZK2 – Compressor  
LBP HST 1/3HP 1580/1696 BTU  
208/230V – R404a / R507  
Refrigerant – 1580 / 1696 BTU  
@ -10°F – 0.32" I.D. Suction  
Size – 0.19" I.D. Discharge**

<b>Stock Code</b>	KB2416ZK2
<b>Brand</b>	Supco
<b>Voltage (V)</b>	208 / 230 VAC
<b>Phase</b>	Single Phase
<b>HP Rating:</b>	1 / 3 HP
<b>Oil Charge (oz.)</b>	507 cc.
<b>Motor</b>	High Start Torque
<b>Operates</b>	Icemakers; Refrigerators
<b>Cross Refefence</b>	Replacement Part:NEK2134GK ; Manufacturer :Embraco

# FREON R404a/R507 220-240V 50HZ

Code	Prix	Type	Marque	Puissance HP	Cylindrée CM3	Pression	Schéma électrique	Capacité frigorifique en watt-10°C-5°C0°C+5°C			
SEQ616	89.51€	EMT6144GK	EMBRACO	1/5	3.97	HMBP	CSIR	360	438	530	630
SEQ608	85.02€	NEK6181GK	EMBRACO	1/3	7.28	HMBP	CSIR	565	689	836	1006
SEQ690	86.26€	NEK6210GK	EMBRACO	3/8	8.78	HMBP	CSIR	669	821	999	1205
SEQ709	122.29€	AEZ4425Z	UNITE HERMETIQUE	1/5	4.50	HMBP	CSIR	263	341	432	587
VNQ6987	114.69€	NEK2125GK	EMBRACO	1/4	6.20	LBP	CSIR	243	314	398	494
VASQ6276	112.12€	NEK6144GK	EMBRACO	1/4L	4.52	HMBP	CSIR	368	451	549	660
SEQ703	132.23€	NEK6213GK	EMBRACO	1/2	12.12	HMBP	CSIR	919	1120	1350	1610
CYQ6367	155.22€	NEK2168GK	EMBRACO	5/8	14.30	LBP	CSR	500	650	828	1030
FQQ6559	144.34€	NEK6217GK	EMBRACO	5/8	14.30	HMBP	CSR	1120	1360	1630	1932
VGQ6677	192.44€	AE4470Z	UNITE HERMETIQUE	1/2	12.00	HMBP	CSIR				
VGQ6676	180.64€	AE4450Z	UNITE HERMETIQUE	3/8	8.80	HMBP	CSIR				
SEQ912	198.59€	NJ2212GK	EMBRACO	1.7	34.37	LBP	CSR	945	1333	1775	2273
SEQ617	191.35€	NEK2150GK	EMBRACO	5/8	12.12	LBP	CSIR	445	570	716	888
SEQ902	175.39€	NT6222GK	EMBRACO	3/4	17.40	HMBP	CSR	1280	1590	1930	2308
SEQ609	221.62€	NJ2192GK	EMBRACO	1.2	26.00	LBP	CSR	752	1120	1345	1725
VNQ6902	198.45€	NT6226GK	EMBRACO	1	22.40	HMBP	CSR	1744	2144	2598	3095
VNQ6916	223.47€	NJ9232GK	EMBRACO	1.2	26.20	HMBP	CSR	1953	2458	3182	4070
SEQ674	256.69€	CAJ2432Z	UNITE HERMETIQUE	3/4	18.30	LBP	CSR	510	792	865	1560
CYQ6239	276.42€	CAJ2446Z	UNITE HERMETIQUE	1.2	26.10	LBP	CSR	797	1194	1423	2290
CYQ6236	287.60€	CAJ2428Z	UNITE HERMETIQUE	5/8	15.20	LBP	CSR	394	628	762	1261
IQ1517	307.80€	CAJ9480Z	UNITE HERMETIQUE	5/8	15.20	HMBP	CSR	1009	1284	1607	2172
SEQ990	354.18€	CAJ4517Z	UNITE HERMETIQUE	1.2	25.90	HMBP	CSR	1776	2273	2857	3860
SEQ999	284.58€	CAJ9510Z	UNITE HERMETIQUE	1	18.30	HMBP	CSR	1252	1583	1972	2650
ZNEQ6572	360.83€	CAJ2464Z	UNITE HERMETIQUE	1.5	34.40	LBP	CSR	1076	1605	1902	3012
VASQ6285	348.56€	NJ9238GK	EMBRACO	1.5	32.70	HMBP	CSR	2485	2956	3509	4563
SEQ601	367.83€	NT6220GK	EMBRACO	5/8	14.50	HMBP	CSR	1126	1395	1700	
SEQ921	394.30€	CAJ9513Z	UNITE HERMETIQUE	1.1	24.20	HMBP	CSR	1501	1955	2485	3406
VASQ7698	392.13€	CAJ4519Z	UNITE HERMETIQUE	1.5	34.40	HMBP	CSR	2353	3009	3756	5030
ZRQ7716	441.16€	CAJ2440Z	UNITE HERMETIQUE	1	22.80	LBP	CSR	647	945	1166	1876

HMP: Haute moyenne pression

HP: Haute pression

LBP: Basse pression

# FREON R404a/R507 220-240V 50HZ

Code	Prix	Type	Marque	Puissance HP	Cylindrée CM3	Pression	Schéma électrique	Capacité frigorifique en watt-10°C-5°C0°C+5°C			
SEQ616	89.51€	EMT6144GK	EMBRACO	1/5	3.97	HMBP	CSIR	360	438	530	630
SEQ608	85.02€	NEK6181GK	EMBRACO	1/3	7.28	HMBP	CSIR	565	689	836	1006
SEQ690	86.26€	NEK6210GK	EMBRACO	3/8	8.78	HMBP	CSIR	669	821	999	1205
SEQ709	122.29€	AEZ4425Z	UNITE HERMETIQUE	1/5	4.50	HMBP	CSIR	263	341	432	587
VNQ6987	114.69€	NEK2125GK	EMBRACO	1/4	6.20	LBP	CSIR	243	314	398	494
VASQ6276	112.12€	NEK6144GK	EMBRACO	1/4L	4.52	HMBP	CSIR	368	451	549	660
SEQ703	132.23€	NEK6213GK	EMBRACO	1/2	12.12	HMBP	CSIR	919	1120	1350	1610
CYQ6367	155.22€	NEK2168GK	EMBRACO	5/8	14.30	LBP	CSR	500	650	828	1030
FQQ6559	144.34€	NEK6217GK	EMBRACO	5/8	14.30	HMBP	CSR	1120	1360	1630	1932
VGQ6677	192.44€	AE4470Z	UNITE HERMETIQUE	1/2	12.00	HMBP	CSIR				
VGQ6676	180.64€	AE4450Z	UNITE HERMETIQUE	3/8	8.80	HMBP	CSIR				
SEQ912	198.59€	NJ2212GK	EMBRACO	1.7	34.37	LBP	CSR	945	1333	1775	2273
SEQ617	191.35€	NEK2150GK	EMBRACO	5/8	12.12	LBP	CSIR	445	570	716	888
SEQ902	175.39€	NT6222GK	EMBRACO	3/4	17.40	HMBP	CSR	1280	1590	1930	2308
SEQ609	221.62€	NJ2192GK	EMBRACO	1.2	26.00	LBP	CSR	752	1120	1345	1725
VNQ6902	198.45€	NT6226GK	EMBRACO	1	22.40	HMBP	CSR	1744	2144	2598	3095
VNQ6916	223.47€	NJ9232GK	EMBRACO	1.2	26.20	HMBP	CSR	1953	2458	3182	4070
SEQ674	256.69€	CAJ2432Z	UNITE HERMETIQUE	3/4	18.30	LBP	CSR	510	792	865	1560
CYQ6239	276.42€	CAJ2446Z	UNITE HERMETIQUE	1.2	26.10	LBP	CSR	797	1194	1423	2290
CYQ6236	287.60€	CAJ2428Z	UNITE HERMETIQUE	5/8	15.20	LBP	CSR	394	628	762	1261
IQ1517	307.80€	CAJ9480Z	UNITE HERMETIQUE	5/8	15.20	HMBP	CSR	1009	1284	1607	2172
SEQ990	354.18€	CAJ4517Z	UNITE HERMETIQUE	1.2	25.90	HMBP	CSR	1776	2273	2857	3860
SEQ999	284.58€	CAJ9510Z	UNITE HERMETIQUE	1	18.30	HMBP	CSR	1252	1583	1972	2650
ZNEQ6572	360.83€	CAJ2464Z	UNITE HERMETIQUE	1.5	34.40	LBP	CSR	1076	1605	1902	3012
VASQ6285	348.56€	NJ9238GK	EMBRACO	1.5	32.70	HMBP	CSR	2485	2956	3509	4563
SEQ601	367.83€	NT6220GK	EMBRACO	5/8	14.50	HMBP	CSR	1126	1395	1700	
SEQ921	394.30€	CAJ9513Z	UNITE HERMETIQUE	1.1	24.20	HMBP	CSR	1501	1955	2485	3406
VASQ7698	392.13€	CAJ4519Z	UNITE HERMETIQUE	1.5	34.40	HMBP	CSR	2353	3009	3756	5030
ZRQ7716	441.16€	CAJ2440Z	UNITE HERMETIQUE	1	22.80	LBP	CSR	647	945	1166	1876

HMP: Haute moyenne pression

HP: Haute pression

LBP: Basse pression

## FREON R404a/R507 220-240V 50HZ

CODE	TYPE	MARQUE	PUISSANCE HP	CYLINDREE CM3	PRESSION	schema electrique	capacité frigorifique en watt			
							-10°	-5°	0	+5°
FRD161	EMT6144GK	EMBRACO	1/5	3,97	HMBP	CSIR	360	438	530	630
ITD1112	EMT6152GK	EMBRACO	1/4L	4,5	HMBP	CSIR	396	483	582	695
INFD1721	NEK6144GK	EMBRACO	1/4L	4,52	HMBP	CSIR	368	451	549	660
SCD1726	NEK6165GK	EMBRACO	1/4	6,2	HMBP	CSIR	520	626	751	895
FRD153	NEK6181GK	EMBRACO	1/3	7,28	HMBP	CSIR	565	689	836	1006
FRD145	NEK6210GK	EMBRACO	3/8	8,78	HMBP	CSIR	669	821	999	1205
FRD258	NEK6213GK	EMBRACO	1/2	12,12	HMBP	CSIR	919	1120	1350	1610
SDD1004	NEK6217GK	EMBRACO	5/8	14,3	HMBP	CSR	1120	1360	1630	1932
FRD156	NT6220GK	EMBRACO	5/8	14,5	HMBP	CSR	1126	1395	1700	
FRD457	NT6222GK	EMBRACO	3/4	17,4	HMBP	CSR	1280	1590	1930	2308
IAD1457	NT6226GK	EMBRACO	1	22,4	HMBP	CSR	1744	2144	2598	3095
IAD1461	NJ9232GK	EMBRACO	1,2	26,2	HMBP	CSR	1953	2458	3182	4070
INFD1730	NJ9238GK	EMBRACO	1,5	32,7	HMBP	CSR	2485	2956	3509	4563
IAD1432	NEK2125GK	EMBRACO	1/4	6,2	LBP	CSIR	243	314	398	494
FRD162	NEK2150GK	EMBRACO	5/8	12,12	LBP	CSIR	445	570	716	888
PLD1812	NEK2168GK	EMBRACO	5/8	14,3	LBP	CSR	500	650	828	1030
SDD1019	NT2178GK	EMBRACO	3/4	17,4	LBP	CSR	544	735	956	1206
FRLD4079	NT2180GK	EMBRACO	1	20,4	LBP	CSR	648	856	1100	1380
INFD1712	NT2192GK	EMBRACO	1,1	22,4	LBP	CSR	754	998	1280	1598
FRD154	NJ2192GK	EMBRACO	1,2	26	LBP	CSR	752	1120	1345	1725
FRD467	NJ2212GK	EMBRACO	1,7	34,37	LBP	CSR	945	1333	1775	2273
FRD254	AEZ4425Z	UNITE HERMETIQUE	1/5	4,5	HMBP	CSIR	263	341	432	587
FRD697	AE4430Z	UNITE HERMETIQUE	1/4	5,2	HMBP	CSIR				
ICD6081	AE4440Z	UNITE HERMETIQUE	1/3	6,7	HMBP	CSIR				
ITD1121	AE4450Z	UNITE HERMETIQUE	3/8	8,8	HMBP	CSIR				
ITD1122	AE4470Z	UNITE HERMETIQUE	1/2	12	HMBP	CSIR				
VD6062	CAJ9480Z	UNITE HERMETIQUE	5/8	15,2	HMBP	CSR	1009	1284	1607	2172
FRD444	CAJ9510Z	UNITE HERMETIQUE	1	18,3	HMBP	CSR	1252	1583	1972	2650
FRD476	CAJ9513Z	UNITE HERMETIQUE	1,1	24,2	HMBP	CSR	1501	1955	2485	3406
FRD445	CAJ4517Z	UNITE HERMETIQUE	1,2	25,9	HMBP	CSR	1776	2273	2857	3860
INFD2143	CAJ4519Z	UNITE HERMETIQUE	1,5	34,4	HMBP	CSR	2353	3009	3756	5030
BTD2320	AE2420Z	UNITE HERMETIQUE	1/2	12,6	LBP	CSIR	357	547	654	1047
PLD1781	CAJ2428Z	UNITE HERMETIQUE	5/8	15,2	LBP	CSR	394	628	762	1261
FRD129	CAJ2432Z	UNITE HERMETIQUE	3/4	18,3	LBP	CSR	510	792	865	1560
MED2261	CAJ2440Z	UNITE HERMETIQUE	1	22,8	LBP	CSR	647	945	1166	1876
PLD1784	CAJ2446Z	UNITE HERMETIQUE	1,2	26,1	LBP	CSR	797	1194	1423	2290
MARD1027	CAJ2464Z	UNITE HERMETIQUE	1,5	34,4	LBP	CSR	1076	1605	1902	3012

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Mbsm\_dot\_pro\_private\_PDF\_REFRIGERATION-COMPRESSORS-EAVB021ECAVTélécharger

# COMPRESSOR, ASPERA, NJ2192GK, 1.1/4 HP, 220V, 1PH, R404A, LBP, 1199w

written by Lilianne | 20 December 2021

Compressor ASPERA NJ2192GJ | NJ 2192 GJ

Product replaced the old model NJ2192GK

Refrigerant	R404A
Working range[stC] LBP	-40 do -10
Nominal capacity [W] (evaporating temperature -23,3C, Condensing temperatur +54,4C)	1199
Power supply	220-240V 50Hz
Engine type	CSR
Displacement [cm <sup>3</sup> ]	26,10
Weight [kg]	22

Condensing temperature +55 C

Evaporating Temperature	Cooling Capacity +/-5%			Power Consumption +/-5%	Current Consumption +/-5%
	(kcal/h)	(W)	(Btu/h)	(W)	(A)
°C					
-40					
-35					



-30		797		773	4,37
-25		1084		908	4,92
-20		1413		1045	5,49
-15		1784		1181	6,10
-10		2196		1317	6,72
Refrigerant:		R404A			



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

written by Lilianne | 20 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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**mbsm.pro, Refrigeration,**

# Compressor, GFF57AA, SEBERIA, Hermetic, Compressor GFF57AA, LBP, R134a, Disp.5.7cc, 1/5HP, Series, LBP

written by Lilianne | 20 December 2021



mbsm.pro, Refrigeration, Compressor, GFF57AA, SEBERIA,  
Hermetic, Compressor GFF57AA, LBP, R134a, Disp.5.7cc, 1/5HP,  
Series, LBP

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

written by Lilianne | 20 December 2021

#mbsmpro

# 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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# **Compressor, Embraco, EMX20CLC, High-quality, compressor Aspera, EMX20CLC, LBP R600a, 220-240V 50Hz, 3.97 cm<sup>3</sup>, 1/12HP**

written by Lilianne | 20 December 2021

## GENERAL DATA

Application: LBP

Refrigerant: R600a

Evaporating Temperature Range: -35°C to -10°C

Compressor Cooling: Static

Type: Hermetic reciprocating

Technology Type: On-Off

Expansion Device: Capillary Tube

Packing Quantity: 100

Displacement: 3.97 cm<sup>3</sup>

Horse power: 1/12 hp

Approvals:

## MECHANICAL DATA

Bore: 19 mm

Stroke: 14 mm

Oil Charge: 180ml

Oil Type Configuration: ALQUILB

Oil Type Viscosity: IS05

Weight: 7.88 kg

## ELECTRICAL DATA

Motor Type: RSCR

Starting Torque: LST



Voltage working range at 50 Hz: 198-242 V

Voltage working range at 60 Hz: 198-242 V

Maximum Motor Temperature: 130 °C

Start Winding Resistance: 22.1 Ω (± 10%) at 25°C

Run Winding Resistance: 50.65  $\Omega$  ( $\pm 10\%$ ) at 25°C

<b>Model</b> <b>EMX20CLC</b>   <b>Code</b> 513309529...S		<b>embraco</b> POWER IN. CHANGE ON.
<b>220V 60 1~</b>		<b>GENERAL DATA</b> Application: LBP Refrigerant: R600a Evaporating Temperature Range: -35°C to -10°C Compressor Cooling: Static Type: Hermetic reciprocating Technology Type: On-Off Expansion Device: Capillary Tube Packing Quantity: 100 Displacement: 3.97 cm <sup>3</sup> Horse power: 1/12 hp Approvals:
		
<b>MECHANICAL DATA</b> Bore: 19 mm Stroke: 14 mm Oil Charge: 180ml Oil Type Configuration: ALQUILB Oil Type Viscosity: ISOS Weight: 7.88 kg	<b>ELECTRICAL DATA</b> Motor Type: RSCR Starting Torque: LST Voltage working range at 50 Hz: 198-242 V Voltage working range at 60 Hz: 198-242 V Maximum Motor Temperature: 130 °C Start Winding Resistance: 22.1 $\Omega$ ( $\pm 10\%$ ) at 25°C Run Winding Resistance: 50.65 $\Omega$ ( $\pm 10\%$ ) at 25°C	

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