

Hermetic compressors, Cubigel Compressors, LBP , L55BV, 1/6hp, r12

written by Lilianne | 20 December 2021

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	•		•

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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 ₀ W/W ₀
<input type="checkbox"/> L45AV	LBP::R12	1/8	43	B	221	192	0.91	0.71		
<input type="checkbox"/> L55AV	LBP::R12	1/6	43	B	115	101	0.99	0.78		
<input type="checkbox"/> L55BV	LBP::R12	1/6	43	B	115	101	0.99	0.78		
<input type="checkbox"/> L76AV	LBP::R12	1/5	43	B	145	127	1.05	0.84		
<input type="checkbox"/> L76BV	LBP::R12	1/5	43	B	145	127	1.05	0.84		
<input type="checkbox"/> L88AV	LBP::R12	1/4	43	B	171	150	1.02	0.81		
<input type="checkbox"/> L88BV	LBP::R12	1/4	43	B	171	150	1.02	0.81		
<input type="checkbox"/> LT45AV	LBP::R12	1/8	50	B	94	83	1.04	0.83		
<input type="checkbox"/> LT55AV	LBP::R12	1/6	50	B	115	102	1.06	0.85		
<input type="checkbox"/> LT55BV	LBP::R12	1/6	50	B	115	102	1.06	0.85		
<input type="checkbox"/> LT76BV	LBP::R12	1/5	50	B	155	137	1.14	0.91		
<input type="checkbox"/> LT88BV	LBP::R12	1/4	50	B	190	169	1.16	0.93		
<input type="checkbox"/> P128W	LBP::R12	1/3	43	A	221	192	0.91	0.71		

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Type: Hermetic piston compressors Producer: ACC Series: HMBP

Model: L55BV

General data

Refrigerant:	R12
Discharge element:	C
Cooling:	0C
Maximum ambient temperature [°C]:	43

Compressor's data

Cylinder capacity [cm ³]:	5,5
Displacement [m ³ /h]:	0,9
Weight [kg]:	9,5
Oil charge [cm ³]:	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]:	

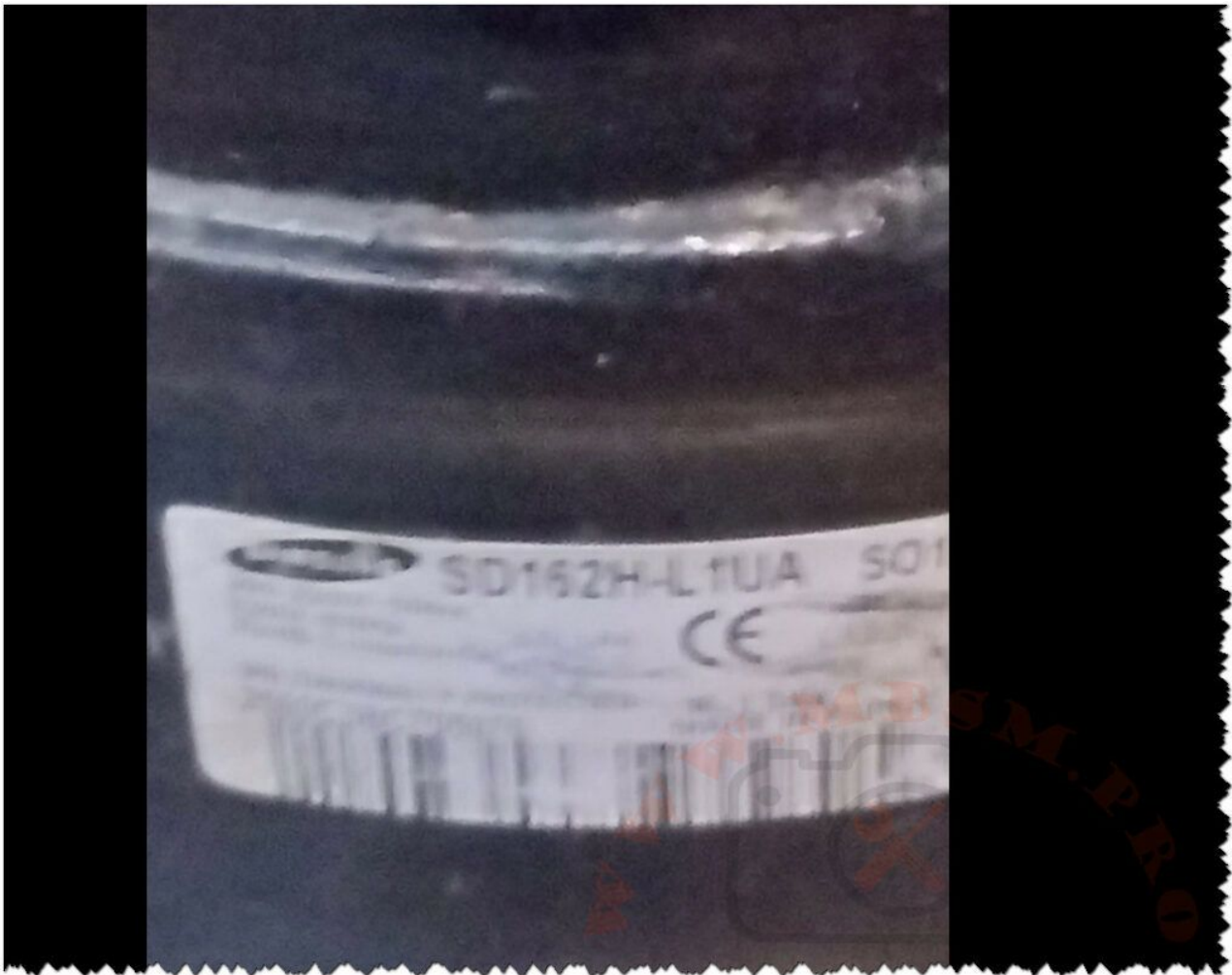
Connections

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

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

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

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

NE2125GK, NEK2130GK, NEK6181GK, EMT6165GK, ML90FB, KB2416ZK2, R404a/R507, 1/3HP, LBP, ALL COMPRESSEURS, GAZ R404A – R507, EMBRACO

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

R404a/R507
HP 1/3
CSIR
IN -
IN -
.W 213
.W 354
IN -
kg 10.45
V 220-240

refrigerant
power
motor system
power at -5°C
power at +5°C
power at -30°C
power at -20°C
power at +10°C
weight
voltage

605018
NE2125GK
cm³ 8.78
Watts 534
IN -
.W 160
.W 278
.W 439
LBP
Hz 50

piece number
type
cylinder capacity
power at -10°C
power at 0°C
power at -35°C
power at -25°C
power at -15°C
application
frequency



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



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: P0E22
- 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: P0E22
- 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 cm³ Engine type: CSIR Oil filling: 400 cm³ 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

-10 °C	-15 °C	-20 °C	-25 °C	-30 °C	-35 °C	-40 °C
729	606	495	394	305	227	161
Shipping Class				Standard		
Scope Of Application				LBP		
Lieferzeit				2-3 Wochen		
Type Of Construction				Piston		
Condensation Temperature				45°C		
Maker				ACC		
Manufacturer No.				ML90FB		
Displacement In Cm3				8.85		
Measuring Requirements				Ashrae		
Refrigerants				R404A, R507		
Series				ML		
Condensing Units Compressors				Compressors		
Suspense				220-240V		
Weight In Kg				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

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

Mbsm_dot_pro_private_PDF_KB2416ZK2_prd_001_1_Télécharger

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

Mbsm_dot_pro_private_PDF_Embaraco-compressor-GesamtlisteTélécharger

Mbsm_dot_pro_private_PDF_compressor-tecumsehTélécharger

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 ³]	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_dot_pro_private_picture_RH174VHACTélécharger



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

Compressor, Embraco, EMX20CLC, High-quality, compressor Aspera, EMX20CLC,

LBP R600a, 220-240V 50Hz, 3.97 cm³, 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 cm³

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 (\pm 10%) at 25°C

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

Model **EMX20CLC**

Code 513309529...S

embraco POWER IN.
CHANGE ON.

220V 60 1~



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 cm³
Horse power: 1/12 hp
Approvals:



MECHANICAL DATA

Bore: 19 mm
Stroke: 14 mm
Oil Charge: 180ml
Oil Type Configuration: ALQUILB
Oil Type Viscosity: ISO5
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 Ω (± 10%) at 25°C

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

written by Lilianne | 20 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⁻¹ : 101,1 (LP) 50,5 (HP)
- Number of cylinders : 6
- Oilcharge : 4,75 dm³

Displacement (1450 RPM 50Hz):101.10 / 50.50 m³/h Displacement
(1750 RPM 60Hz):122.02 / 60.95 m³/h

The Bitzer Compressor is high quality!

Displacement (1450 RPM 50Hz):101.10 / 50.50 m³/h

Displacement (1750 RPM 60Hz):122.02 / 60.95 m³/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.	Qo / Pe	Evaporating temperature °C											
				[°C]	-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.	Qo / Pe	Evaporating temperature °C											
				[°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 LPI/HP max. 19 / 28 bar





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Mbsm_dot_pro_private_PDF_S6F-30.2Y-40PTélécharger
Compressor typeDisplacement at 1450 min-1Number of
cylindersOil chargeWeightPipe connectionsMotorMax. operating

currentMax. power consumptionStarting
current(lockedrotor)LPHPDLSLdm3KgmpoucempouceAmpkW
Y/YYS6F-30.2Y101,150,567.752343513/842
5415/8
21/8380 ..420YY/3/50
440 ..480 YY/3/605131,9135/220

Panasonic, DGH73C14RAX, R134a, D Series, Reciprocating, Fixed, Speed, LBP, 1/4Hp

written by Lilianne | 20 December 2021

https://www.mbsm.pro/wp-content/uploads/2021/01/Mbsm_dot_pro_private_PDF_Qb77c16glx5.pdf

Item	Performance characteristics
Refrigerant	R134a
Displacement (cm ³)	7.3
Voltage (V)	220
Frequency (Hz)	50
Motor Type	RSCR
Capacity@ASHRAE	215
COP@ASHRAE	1.6
Capacity@CECOMAF	—
COP@CECOMAF	



DGH	DGH57C79RAU	5.7	115V 60Hz	RSCR	215	1.58	-	-
				RSIR	-	-	-	-
	DGH66C12RAR	6.6	110/127V 60Hz	RSCR	212	1.63	-	-
				RSIR	-	-	-	-
	DGH66C13GAX	6.6	220V 50Hz	RSCR	251 / 251	1.62 / 1.60	-	-
				RSIR	189	1.42	-	-
	DGH66C15RLP	6.6	220V 60Hz	RSCR	-	-	-	-
				RSIR	251	1.45	-	-
	DGH66C16RAP	6.6	220V 60Hz	RSCR	-	-	-	-
				RSIR	251	1.60	-	-
	DGH66C94RAU	6.6	115V 60Hz	RSCR	-	-	-	-
				RSIR	238	1.68	-	-
	DGH66C96RAW	6.6	220/240V 50Hz	RSCR	-	-	-	-
				RSIR	190 / 190	1.60 / 1.58	-	-
	DGH73C14RAE	7.3	220V 50/60Hz	RSCR	-	-	-	-
				RSIR	215 / 270	1.55 / 1.60	-	-
DGH73C15GAX	7.3	220V 50Hz	RSCR	215	1.45	-	-	
			RSIR	-	-	-	-	
DGH73C15RAX	7.3	220V 50Hz	RSCR	-	-	-	-	
			RSIR	215	1.60	-	-	
DGH73C12BAW	7.7	220/240V 50Hz	RSIR	-	-	-	-	

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