

Mbsm.pro, Compressor, Cubigel, GP16CB, R134A, LBP, 3/8 hp

Category: compressor

written by Lilianne | 8 February 2024



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Voltage: 200-230V Production: Spain

COMPRESSOR: GP16CB

Refrigerant R134A

Power supply 220 – 240V 1~ 50 Hz

Characteristics

- Cylinder volume 16.15 cm³
- Weight 11.3kg
- Suction line connection 8.2 mm
- Discharge Line Connection 6.5 mm
- Power consumption V/Hz/ph 200-230V / 50 / 1
- Starting current 20 A
- Oil filling 0.53 dm³
- Type of application Low temperature
- Compressor series P
- Refrigerant R134A

• Maximum operating current 2.9 A

Cooling capacity [W]

$t_c \setminus t_e$	-35	-30	-25	-20	-15	-10
40	158	253	358	475	602	740
45	142	229	328	437	557	688
50	125	206	297	399	512	637
55	109	182	266	362	468	585
60	92	159	236	324	423	533

Power consumption [kW]

$t_c \setminus t_e$	-35	-30	-25	-20	-15	-10
40	206	250	295	340	387	435
45	199	247	296	347	398	450
50	192	245	298	353	408	465
55	185	242	300	359	419	480
60	178	239	302	365	430	495

Current [A]

$t_c \setminus t_e$	-35	-30	-25	-20	-15	-10
40	1.83	1.94	2.08	2.24	2.42	2.62
45	1.82	1.95	2.10	2.27	2.46	2.68
50	1.81	1.95	2.12	2.30	2.51	2.74
55	1.80	1.96	2.13	2.33	2.56	2.80
60	1.79	1.96	2.15	2.37	2.60	2.86

Mass flow [kg/s]

$t_c \setminus t_e$	-35	-30	-25	-20	-15	-10
40	1.97	2.75	3.66	4.71	5.90	7.21
45	1.79	2.55	3.45	4.48	5.64	6.93
50	1.62	2.36	3.23	4.24	5.38	6.66
55	1.45	2.17	3.02	4.01	5.12	6.38
60	1.27	1.97	2.80	3.77	4.87	6.10

Working conditions: ASHRAE

t_c – Condensation temperature [°C]

t_e – Boiling point [°C]



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EMH60HER	EMT60HSC	EMY60HEP	FGS60HA								
EM50HER	EMU60HER	EMY50HEP	FGS60HAW								
Referencia comerciales (HP): 1/5+				Capacidad* (BTU/h)	Ventilación	Principales Aplicaciones	Disponibles en los distribuidores				
EGAS70HLP	EGZ570HLC	EM70HER	FFC60HBK	695	Estático	Refrigeradores 2 puerta de hasta 350 litros freezers de hasta 350 litros	EGAS70HLR EMIS70HHR EM70HER				
EGD70HLC	EGZ570HLP	EM70HNR	FFI6HAK								
EGS70HLP	EGZ570HLPW	EMIS70HHR	FFI6HAKW								
EGU70HLC	M2Y60HLP	EMX70HSC	FFV6HAK								
EGU70HLCW	EM260HLT	EMY65HLC	FGS70HA								
EGUS70HLP	EM3D60HLT	EMY70HER	FGS70HAW								
EGT70HLC	EM3U60HLP	EMY70HSC	FGV70HA								
EGY70HLP	EM3Y60HLP	EMY670HEP	NEK2116Z								
EGY70HLPW	EM3Z60HLP	EMY570HEP									
EGY570HLP	EM65HNR	FF7,5HBK									
EGZ60HLP	EM65HXX	FF7,5HBKW									
EGZ70HLP	EM70HEP	FFB,5HBK									
Referencia comerciales (HP): 1/4								Capacidad* (BTU/h)	Ventilación	Principales Aplicaciones	Disponibles en los distribuidores
ECU70HLR	EGY80HLPW	EM3Y70HLP	FFV7,5HAK	820	Estático / Forzado	Refrigeradores 2 puerta de hasta 400 litros freezers de hasta 400 litros	EGAS80HLR EMZUB80HLP FFUS80HAK				
EG70HLR	EGY85HLC	EM3Z70HLT	FFV8,5HAK								
EG75HLR	EGY80HLP	EM3Z80HLT	FGI75HAK								
EG85HLP	EGZ80HLC	EMY75HLC	FGI85HAK								
EG85HLR	EGZ80HLP	FF10HAX	FGM80HA								
EGAS80HLP	EGZ580HLC	FF10HBK	FGS100HA								
EGD80HLC	EGZ580HLP	FF10HBKW	FGS100HAW								
EGS80HLP	EGZ580HLPW	FF10HBX	FGS80HA								
EGT80HLC	EM2U70HLP	FFC80HBK	FGS80HAS								
EGUB80HLC	EM2UB80HLP	FFI75HAK	FGS80HAW								
EGUB80HLCW	EM2Y80HLP	FFI7,5HAKW	FGT80HA								
EGUBSHLP	EMZ260HLT	FFI8,5HAK	FGUB80HA								
EGUS80HLP	EMZ270HLP	FFI8,5HAKW	FGUB80HAW								
EGX80HLC	EMZ270HLT	FFUB80HAK									
EGY80HLC	EMZ280HLT	FFUB80HAKW									
EGY80HLP	EM3D70HLT	FFUB80HAX									
Referencia comerciales (HP): 1/3								Capacidad* (BTU/h)	Ventilación	Principales Aplicaciones	Disponibles en los distribuidores
EGAS100HLRW	EGX100HLC	EGZ5100HLP	FGS100HA					1050	Estático / Forzado	Refrigeradores 2 puerta de hasta 500 litros freezers de hasta 500 litros	EGAS100HLR FFUS100HAK
EGS100HLC	EGY100HLP	FFI10HAK	FGS100HAS								
EGU100HLC	EGY100HLP	FFI10HAKW	FGS100HAW								
EGU100HLCW	EGZ100HLP	FFI10HBX	NE1121Z								
EGUS100HLP	EGZ5100HLC	FFU10CHAK	NE2121Z								
EGUS100HLPW	EGZ5100HLCW	FFU10CHAKW									

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