

Mbsm.pro, compressor, EM Series, Embraco, EMY75HLC, 211 w, 1/4 hp, 1lb, 750 btu, r134a

Category: compressor

written by Lilianne | 30 May 2022

R134a	EMC	EMZ 66 CLP	220~240/50	10.61	190	163.4	1.74	1.50	4	ISO 5	CCC/VDE	171	6.73
		EMX	EMX 32 CLC	220~240/50	5.96	102	87.7	1.78	1.53	2.5	ISO 5	CCC	166
EMX 40 CLC	220~240/50		7.24	128	110.1	1.80	1.55	4	ISO 5	CCC	166	6.54	
EMB	EMB 32 CLC		220~240/50	5.96	103	88.6	1.88	1.62	2.5	ISO 5	CCC	166	6.54
	EMB 40 CLC	220~240/50	7.24	128	110.1	1.92	1.65	4	ISO 5	CCC/VDE	171	6.73	
	EMB 46 CLC	220~240/50	7.96	142	122.1	1.90	1.63	4	ISO 5	CCC/VDE	171	6.73	
	EMB 55 CLC	220~240/50	9.05	163	140.2	1.88	1.62	4	ISO 5	CCC/VDE	171	6.73	
R134a	EMT	EMT 45 HLP	220~240/50	4.85	145	124.7	1.40	1.20		ISO 7	CCC/VDE	158	6.22
		EMU	EMU 45 HLP	220~240/50	4.85	145	124.7	1.50	1.29		ISO 7	CCC/VDE	158
	EMU	EMU 55 HLP	220~240/50	5.20	161	138.5	1.50	1.29		ISO 7	CCC/VDE	166	6.54
		EMU 65 HLP	220~240/50	5.96	185	159.1	1.47	1.26		ISO 7	CCC/VDE	166	6.54
		EMU 45 HLP	200~230/50	4.85	145	124.7	1.45	1.25		ISO 22	CCC/VDE	158	6.22
		EMU 55 HLP	200~230/50	5.20	161	138.5	1.45	1.25		ISO 22	CCC/VDE	166	6.54
		EMU 65 HLP	200~230/50	5.96	185	159.1	1.45	1.25		ISO 22	CCC/VDE	166	6.54
		EMU 55 HLP	115~127/60	4.15	148	127.3	1.46	1.26		ISO 7	UL	158	6.22
	EMY	EMY 55 HLC	220~240/50	5.20	161	138.5	1.60	1.38	4	ISO 7	CCC/VDE	166	6.54
		EMY 65 HLC	220~240/50	5.96	185	159.1	1.60	1.38	4	ISO 7	CCC/VDE	166	6.54
EMY 75 HLC		220~240/50	7.00	215	184.9	1.60	1.38	4	ISO 7	CCC/VDE	171	6.73	
EMY 50 HLP		115~127/60	4.15	140	120.4	1.60	1.38	12	ISO 7	UL	158	6.22	
EMY 55 HLP		115~127/60	4.50	160	137.6	1.60	1.38	12	ISO 7	UL	158	6.22	
EMH	EMH 60 HER	115~127/60	4.85	180	154.8	1.60	1.38	12	ISO 7	UL	166	6.54	
	R290	EMT 2121 U	220~240/50	5.57	256	220.0	1.42	1.22	48	ISO 22	CCC/VDE	166	6.54
EMT 2125 U		220~240/50	5.96	301	259.0	1.48	1.28	58	ISO 22	CCC/VDE	166	6.54	

测试条件: 蒸发-23.3° C(-10° F) 冷凝54.4° C (130° F) 吸气/环境32.2° C (90° F) 液体32.2° C (90° F)
 Test Conditions: Evaporating: -23.3°C (-10°F) | Condensing: 54.4°C (130°F) | Gas and Ambient: 32.2°C (90°F) | Liquid: 32.2°C (90°F)

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General Data

Type hermetic reciprocating
 Technology Type On-Off
 displacement 6.99 cm³
 Cooling compressor Static/NotControlled/220
 expansion device capillary tube
 Horse Power 1/4 hp
 Power Supply 220-240V 50Hz

Electrical Data

engine type RSCR
 Starting Torque LST
 Start Winding Resistance 19.85 Ω at 25°C
 Run Winding Resistance 13.1 Ω at 25°C
 Locked Rotor Amperage (LRA) 26.7 A
 Rated Load Amperage (RLA) at 60 Hz 3 A

Mechanical Data

Oil Type Configuration ESTER
Oil Type Viscosity IS07
Oil Charge 150 ml
weight 7.4 kg

Electrical Components

name	Description
Motor Protection	4TM232NFBYY-53
Run Capacitor	4
Starting Device	PTC 8EA17B3

Wiring Diagram

2003-2418
513-0040

embraco EMY75HLC



Thermally Protected

9.3LRA

R134a

200-230V~

ESTER OIL 150ml

1PH

50/60Hz



R134a

MODEL	REFRIGERANT	FREQUENCY / ROTATION	HP	POWER SUPPLY	APPLICATION	STANDARD CONDITION	TESTED CONDITIONS	CAPACITY W	EFFICIENCY W / W
EMX3118Y	R-600a	50 Hz	1/5	100 V 50 Hz	L/MBP	ASHRAE	LBP	211	1.65
EMY3118Y	R-600a	50 Hz	1/5	220-240 V 50 Hz	L/MBP	ASHRAE	LBP	211	1.47
EMY75HLC	R-134a	50 Hz	1/4	220-240 V 50 Hz	LBP	ASHRAE	LBP	211	1.57
EM2X3117U	R-290	50 Hz	1/5	220-240 V 50 Hz	L/MBP	ASHRAE	LBP	212	1.71
EMX3118Y	R-600a	50 Hz	1/5	220-240 V 50 Hz	L/MBP	ASHRAE	LBP	212	1.73
EMY3118Y	R-600a	50 Hz	1/5	220-240 V 50 Hz	L/MBP	ASHRAE	LBP	212	1.56
EMD8OCLT	R-600a	50 Hz	1/5	220-240 V 50 Hz	LBP	ASHRAE	LBP	213	1.87

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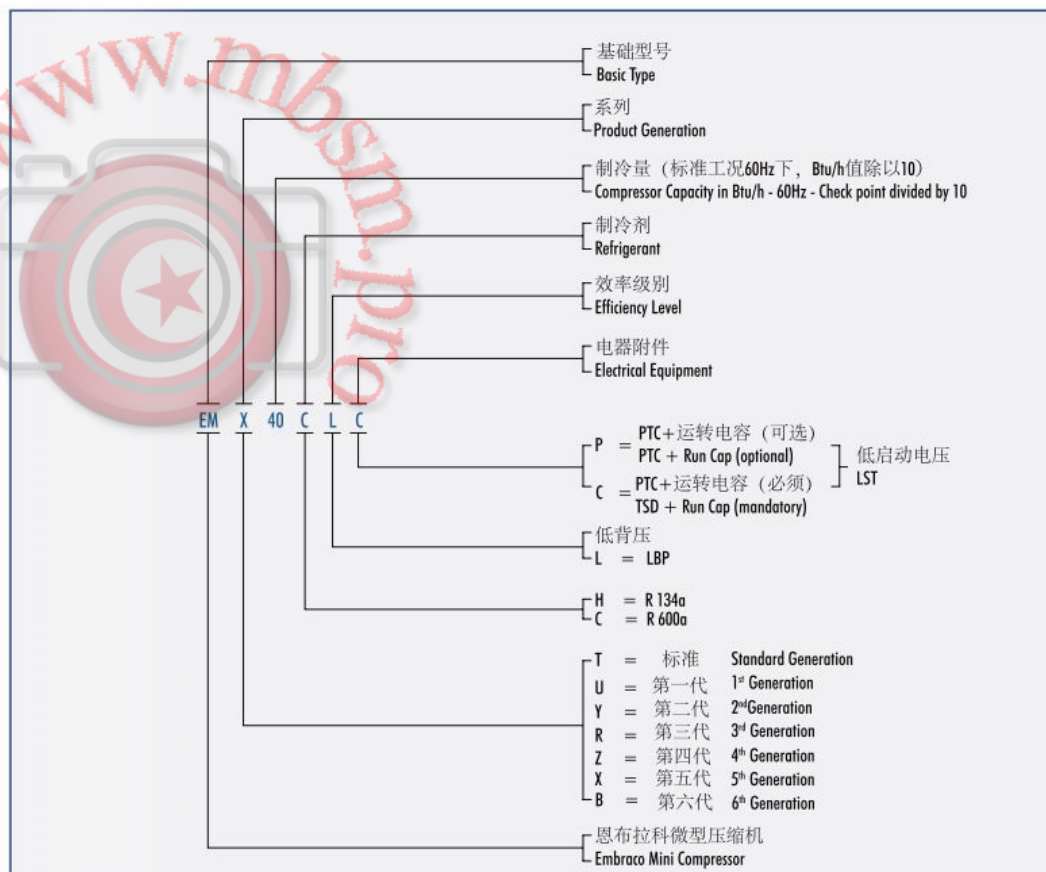
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Nomenclature - Compressor Model



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