

Hermetic compressor Embraco EMY 20CLC

Product code: EMY20CLC

Internal code:



Embraco Aspera EMY20CLC single-phase motor, freezing (LBP), 4.5 cm³, R600a

- Aspera refrigeration compressor for freezing: 40W at -30°C.
- Functional single-phase isobutane engine with a swept volume of 3.97 cc.
- This professional compressor made in Europe stands out for its high energy efficiency, increased reliability and remarkable quietness.
- EMY20CLC is a small hermetic compressor that can be successfully used to be refrigerator compressor, showcase compressor and refrigerator-freezer.
- Compared to other piston compressors on the market, Embraco Aspera technology stands out in that, during operation, energy consumption varies and adapts, leading to a reduction of even 40%.

Specifications

Power supply	220-240/50/1 V/Hz/Ph
Application	LBP
Refrigerant	R600a
Displacement	3.97 cm ³
Weight	7.5 kg
Height	166 mm

Cooling capacity [W] / Evapor. temp. [°C] (Condensing temp. 45°C)

-30°C	40 W
-25°C	54 W
-20°C	71 W
-15°C	92 W
-10°C	116 W
-5°C	144 W

Capacity (rated point ASHRAE -23,3°C) 61 W

Cooling capacity [W] / Evapor. temp. [°C] (Condensing temp. 55°C)

-30°C	34 W
-25°C	45 W
-20°C	60 W
-15°C	77 W
-10°C	98 W
-5°C	121 W

Comparative table



Comparative table

Modele	Power supply (V/Hz/Ph)	Displacement (cm ³)	Weight (kg)	Height (mm)	Cooling capacity [W] / Evapor. temp. [°C] (Condensing temp. 45°C) (W)						Capacity (rated point ASHRAE - 23,3°C) (W)	Cooling capacity [W] / Evapor. temp. [°C] (Condensing temp. 55°C) (W)					
					-30°C	-25°C	-20°C	-15°C	-10°C	-5°C		-30°C	-25°C	-20°C	-15°C	-10°C	-5°C
EMY20CL C	220-240/50/1	3.97	7.5	166	40	54	71	92	116	144	61	34	45	60	77	98	121
EMX20CL C	220-240/50/1	4,0	7,5	166	44	58	76	96	119	146	63	36	49	64	82	102	126
EMY26CL C	220-240/50/1	5.2	7.4	166	55	73	95	121	152	187	83	45	61	81	105	133	165
EMX26CL C	220-240/50/1	5.2	-	166	53	72	96	124	156	192	81	43	59	80	104	133	165
EMT32CL P	220-240/50/1	5.96	7.1	158	64	85	112	143	178	220	97	53	71	95	122	154	190
EMY32CL C	220-240/50/1	5.96	7.4	166	64	86	111	141	176	218	97	53	72	94	120	151	189
EMX32CL C	220-240/50/1	6.0	7.5	166	64	86	111	141	176	218	92	49	69	92	119	151	189
EMX3109Y	100/50/1 / 100-127/60/1	6.2	-	171	-	-	-	-	-	-	100	-	-	-	-	-	-
EMY40CL C	220-240/50/1	7.24	7.6	166	80	107	136	171	214	267	119	66	90	116	148	186	232
EMC40CL T	220-240/50/1	7.2	-	117	88	118	154	198	248	300	117	78	107	142	187	233	260
EMY46CL C	220-240/50/1	7.96	7.7	166	90	120	157	200	249	303	135	75	102	135	174	219	268
EMX46CL C	220-240/50/1	7.96	7.7	166	90	120	157	200	249	303	135	75	102	135	174	219	268
EMC46CL T	220-240/50/1	8.0	-	166	95	129	169	215	269	310	133	88	119	158	203	256	280



Modele	Power supply (V/Hz/Ph)	Displacement (cm³)	Weight (kg)	Height (mm)	Cooling capacity [W] / Evapor. temp. [°C] (Condensing temp. 45°C) (W)						Capacity (rated point ASHRAE - 23,3°C) (W)	Cooling capacity [W] / Evapor. temp. [°C] (Condensing temp. 55°C) (W)					
					-30°C	-25°C	-20°C	-15°C	-10°C	-5°C		-30°C	-25°C	-20°C	-15°C	-10°C	-5°C
EMX3113Y	100/50/1 / 100- 127/60/1	9.0	8	155	-	-	-	-	-	-	155	-	-	-	-	-	-
EMY55CL P	220- 240/50/1	9.05	7.7	166	102	135	175	222	277	340	156	85	114	150	192	241	296
EMX55CL C	220- 240/50/1	9.0	7.4	156	102	135	175	222	277	339	156	87	117	154	197	245	303
EMX3115Y	100/50/1 / 100- 127/60/1	10.6	7.6	166	-	-	-	-	-	-	184	-	-	-	-	-	-
EMY66CL P	220- 240/50/1	10.62	7.9	166	118	156	202	256	320	394	177	98	134	175	224	280	346
EMX66CL C	220- 240/50/1	10.6	-	166	122	160	207	261	323	394	183	101	137	178	227	284	348
EMX70CL C	220- 240/50/1	11.1	7.7	166	123	164	210	263	327	403	191	103	143	184	233	290	360
EMX3118Y	100/50/1 / 100- 127/60/1	12.2	7.7	166	-	-	-	-	-	-	212	-	-	-	-	-	-
EMY3118Y	220- 240/50/1	12.2	7.6	171	-	-	-	-	-	-	212	-	-	-	-	-	-
EMX80CL T	220- 240/50/1	12.2	7.9	171	139	185	240	305	380	464	213	118	162	207	265	331	406
NBY1118Y	220- 240/50/1	14.3	10.6	195	159	206	266	339	427	529	244	138	183	234	299	375	464

