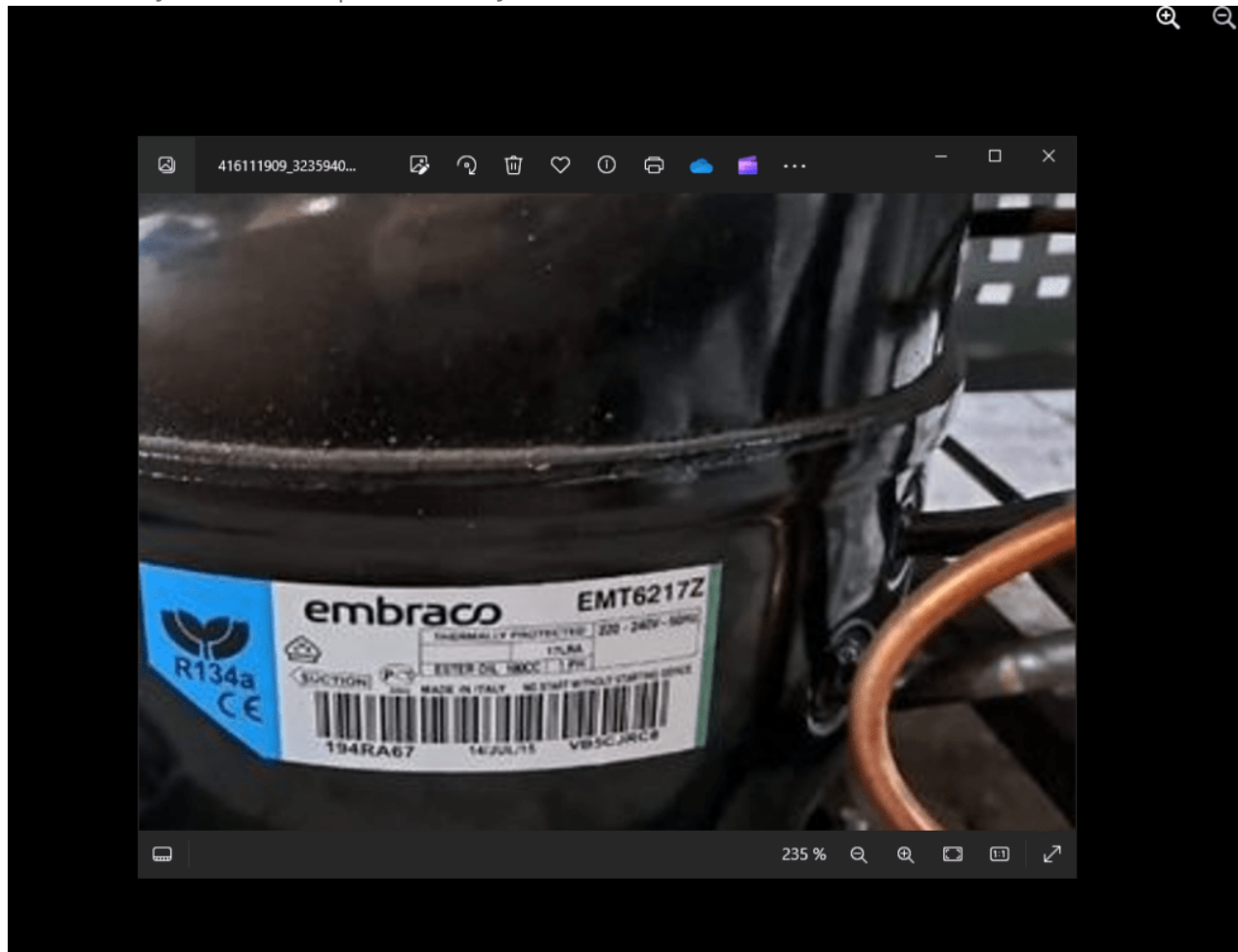


Mbsm.pro, Compressor, Embraco, Emt6217z, NT6217Z, 3/4 hp, hbp, r134a

Category: expertise

written by Lilianne | 1 January 2024



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Operating voltage: 200-240 V / 50 Hz,,,230 V / 60 Hz

Freon type: R134a

Application type: High suction pressure (commercial) HBP

The temperature range for the degree of evaporation: from -15 to +10 Celsius

Motor type: with rectifying capacitor and

current relay

Mechanical data

Horsepower: 3/4 HP

Type and size of oil: Aester 450 cc, ISO 22

Displacement: 20.44 cm³

Electrophysiological data

Calendar: Current relay

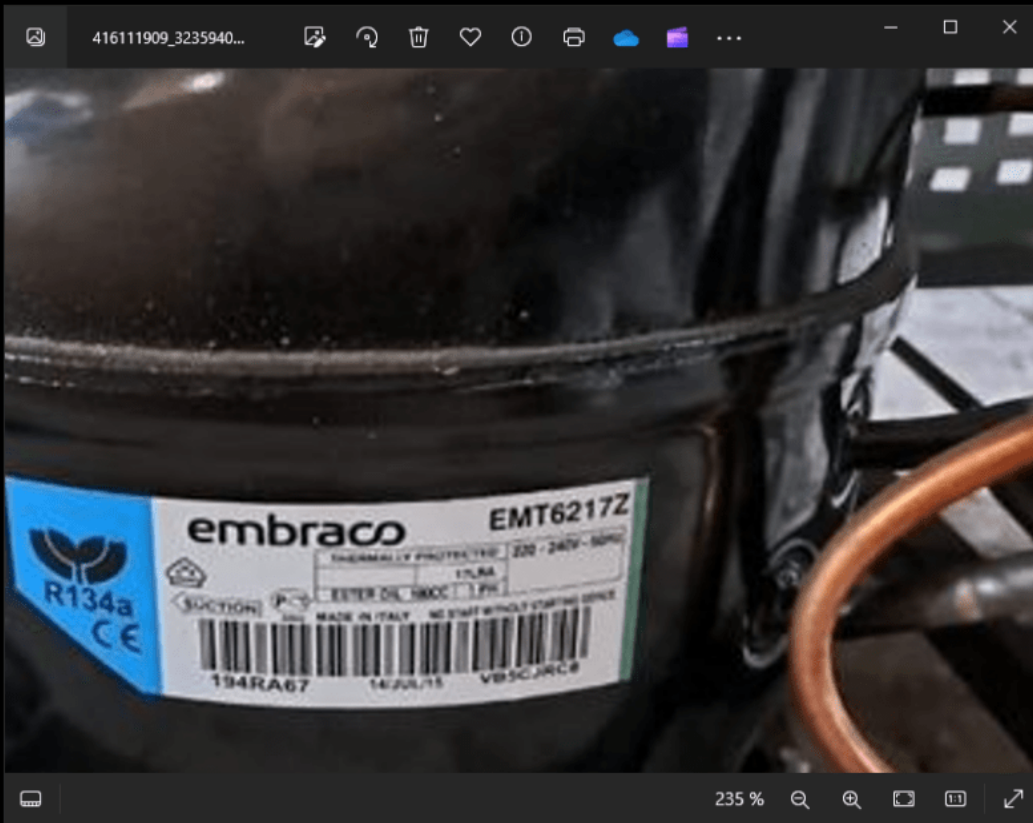
Rectifier capacitor: 88: 108 microfarad, 330 volts

Rectifier coil resistance: 10.40 ohms

Operating coil resistance: 2.40 ohms

Cooling performance at 55°C condensation point

Evaporation temperature	Cooling capacity watts	Input electrical power	Load current	Performance coefficient
-15	753	481	3.4	1.57
-10	909	537	3.62	1.69
-5	1121	598	3.88	1.87
0	1385	665	4.18	2.08
+5	1698	738	4.52	2.30
+10	2057	817	4.90	2.51

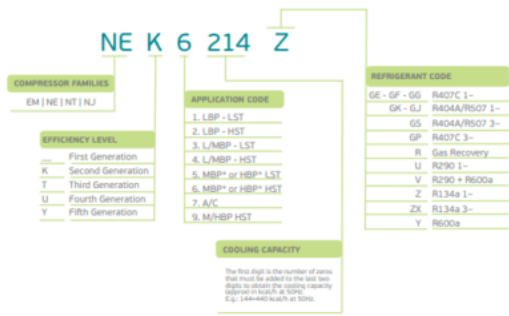


- Model
- Volt./Freq.
- Motor Type
- Accessories
- Packaging

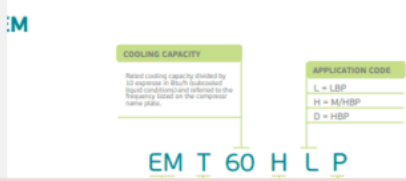
- Model
- Volt./Freq.
- Motor Type
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Nomenclature

EM/NE/NT/NJ



e V letter at the end of the compressor name stands for IPR valve



Families

FAMILIES	LBP				H/MBP			
	R134a	R404A	R290	R600	R134a	R404A	R290	R600a
EM	✓	✓	✓	✓	✓	✓	✓	✓
NEK/NEU	✓	✓	✓	✗	✓	✓	✓	✓
NT/NTU	✓	✓	✓	✗	✓	✓	✓	✗
NJ	✓	✓	✗	✗	✓	✓	✗	✗

Voltage & Frequencies

Code	Voltage & Frequency	Voltage Working Range		Minimum Start Voltage	
		50Hz	60Hz	50Hz	60Hz
A	220-240V/50Hz 1 -	198V - 254V		187V	
B	200-230V/50Hz (208-230V/60Hz) 1 -	180V - 244V	187V-244V	170V	177V
C	220V/50Hz 1 -	200V - 242V		187V	
D	208-230V/60Hz 1 -		187V - 244V		177V
E	115-127V/60Hz		103 - 134V		98V
G	115V/60Hz 1 -		103V-127V		98V
J	230V/60Hz 1 -		207V-253V		195V
K	200-220 V 50 Hz 1 - / (230 V 60 Hz 1-)	180V-234V	207V-253V	170V	195V
M	380-420V/50Hz (440-480V/60Hz) 3 -	332V-445V	396-509V	323V	374V
N	200-240V/50Hz (230V/60Hz) 1 -	180V-254V	207V-253V	170V	195V
Q	100V 50/60Hz	90-110V	90-110V	85V	85V
R	200V/50-60Hz 3 -	180V-220V	180V-220V	170V	170V
V	230V/50Hz 1 -	207V-253V		195V	
Z	200-230V/60Hz 1 -		180V-244V		170V

Fan Cooling Characteristic

R134a

HBP 50Hz

SERIES MODEL	DISPLACEMENT cm ³	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - ASHRAE		RATED POINT - EN12900		CONDENSING TEMPERATURE °C	COOLING CAPACITY EN12900				
					7,2 °C / 54,4 °C		5 °C / 50 °C			EVAPORATING TEMPERATURE NO SUBCOOLING W				
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W		-15	-10	-5	0	
NT/NTU	NT6215Z	17,4	1/2	200-240V 50Hz / 230V 60Hz 1~	CSIR	1607	2,52	1405	2,38	55		661	829	1033
										45	627	796	998	1241
	NT6215Z	17,4	1/2	220V 50Hz 1~	CSIR	1620	2,29	1435	2,25	55		646	843	1071
										45	621	796	1014	1090
	NT6217Z	20,4	3/4	220-240V 50Hz 1~	CSIR	1863	2,31	1655	2,20	55		791	991	1234
										45	754	938	1173	1256
	NT6217Z	20,4	3/4	220-240V 50Hz 1~	CSR	1963	2,67	1695	2,42	55		799	1010	1271
										45	754	947	1196	1294
	NT6217Z	20,4	3/4	200-240V 50Hz / 230V 60Hz 1~	CSIR	1863	2,41	1619	2,20	55		764	961	1196
										45	712	912	1148	1428
	NT6217Z	20,4	3/4	200-240V 50Hz / 230V 60Hz 1~	CSR	1943	2,67	1680	2,40	55		772	980	1232
										45	712	921	1171	1471
NT6220Z	22,4	3/4	200-240V 50Hz/230V 60Hz 1~	CSIR	2016	2,34	1744	2,13	55		852	1060	1303	
									45	800	1011	1260	1554	
NT6220Z	22,4	3/4	200-240V 50Hz/230V 60Hz 1~	CSR	2016	2,55	1752	2,34	55		861	1081	1342	
									45	808	1021	1285	1601	
NTU6222ZV	23,7	3/4	220-240V 50Hz 1~	CSCR	2424	3,09	2117	2,89	55		1044	1305	1605	
									45	968	1225	1521	1866	
NTU6224ZV	27,8	1	220-240V 50Hz 1~	CSCR	2767	3,00	2582	2,94	55		1272	1574	1921	
									45	1179	1484	1834	2242	
NJ	NJ6220Z	26,1	3/4	220-240V 50Hz 1~	CSIR	2547	2,60	2021	2,16	55		875	1147	1459
										45	822	1104	1419	1780
	NJ6220ZX	26,1	3/4	380-420V 50Hz / 440-480V 60Hz 3 ~	3PHASE	2547	2,91	2240	2,40	55		993	1326	1693
										45	882	1159	1502	1723
	NJ6226Z	34,4	1	220-240V 50Hz 1~	CSCR	2976	2,41	2610	2,20	55		1182	1531	1923
										45	1144	1497	1892	2340
	NJ6226ZX	34,4	1	380-420V 50Hz / 440-480V 60Hz 3 ~	3PHASE	2976	2,50	2740	2,40	55		1214	1589	2004
										45	1304	1644	2044	2039