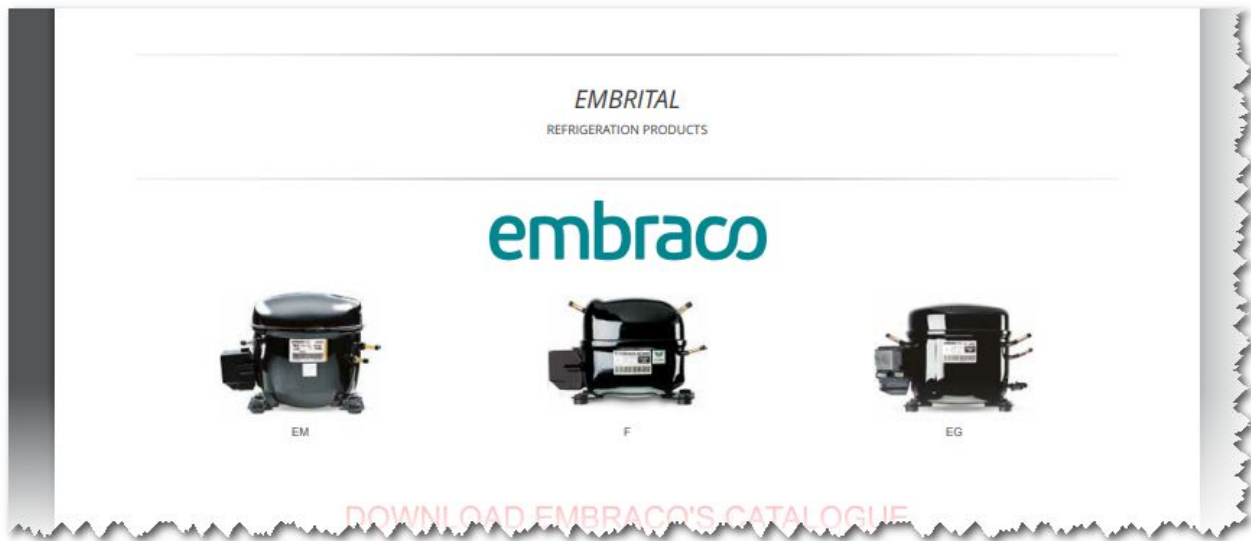


DOWNLOAD EMBRACO'S CATALOGUE

written by Lilianne | 6 December 2024



Private Picture Copyright : WWW.MBSM.PRO

SERIE R600a

Model	Power Source [V/Hz]	Displacement [cc/rev]	Capacity / Evaporating Temperature - ASHRAE														Motor type
			Check Point -23.3°C		Check Point +7.2°C		-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	+5°C	+10°C	+15°C	
			CAP [W]	COP [W/W]	CAP [W]	COP [W/W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	
EMT 23CLP	220-240/50	4.50	77	1.22	-	-	53	70	90	114	143	-	-	-	-	-	RSIR
EMI 40CNP 50-60Hz	220-240/50	6.36	100	1.14	-	-	67	90	118	152	194	244	-	-	-	-	RSIR
	230/60		119	1.16	-	-	88	115	145	181	227	284	-	-	-	-	RSIR
EM2C 46CLT	220-240/50	7.96	137	1.73	-	-	93	124	162	208	263	-	-	-	-	-	RSCR
EMT 56CLP	220-240/50	9.04	157	1.33	-	-	106	143	187	239	300	-	-	-	-	-	RSIR/RSCR
EMYE 70CLP 50-60Hz	220-240/50	10.61	200	1.34	-	-	128	171	250	285	350	-	-	-	-	-	RSIR
	230/60		238	1.39	-	-	169	219	308	340	409	-	-	-	-	-	RSIR
EGYS 110CLC	220-240/50	14.77	263	1.83	-	-	187	241	307	387	486	-	-	-	-	-	RSCR
EMT 45CDP	220-240/50	6.78	-	-	397	2.71	-	-	-	152	192	239	296	361	-	-	RSIR
EMT 6144Y	220-240/50	9.04	-	-	539	2.48	-	-	-	216	273	337	410	494	-	-	CSIR
EMT 6160Y	220-240/50	11.14	-	-	654	2.27	-	-	-	262	329	408	498	600	-	-	CSIR

Rated Test Conditions:

Condensing Temperature	54.4°C
Liquid Temperature	32.2°C
Suction Temperature	32.2°C
Ambient Temperature	32.2°C

Private Picture Copyright : WWW.MBSM.PRO

INVERTER COMPRESSOR R290

Model	Power Source [V/Hz]	Displacement [cc/rev]	Capacity / Evaporating Temperature - ASHRAE														Frequency range [rps]
			Check Point -23.3°C		Check Point +7.2°C		-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	+5°C	+10°C	+15°C	
			CAP [W]	COP [W/W]	CAP [W]	COP [W/W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	
FMFT 406U	220-240/46-150	6.44	140	1.74	-	-	99	129	165	207	256	313	378	-	-	-	25
			510	1.81	-	-	363	467	586	718	865	1,025	1,198	-	-	-	75
FMFT 411U	220-240/60-150	11.14	287	1.77	-	-	211	266	329	401	485	582	676	-	-	-	25
			861	1.75	-	-	634	798	986	1,203	1,455	1,747	2,028	-	-	-	75
FMFT 413U	220-240/60-150	12.92	403	1.76	-	-	287	369	467	585	727	896	1,094	-	-	-	30
			998	1.74	-	-	726	922	1,141	1,381	1,644	1,931	2,242	-	-	-	75
FMFT 415U	220-240/50-170	14.77	469	1.81	-	-	333	420	518	632	765	920	1,101	-	-	-	25
			1,251	1.66	-	-	924	1,174	1,451	1,755	2,089	2,453	2,847	-	-	-	80

Rated Test Conditions:
 Condensing Temperature 54.4°C
 Liquid Temperature 32.2°C
 Suction Temperature 32.2°C
 Ambient Temperature 32.2°C

Private Picture Copyright : WWW.MBSM.PRO

VEM INVERTER SERIES - R134a/R513A

Model	Power Source [V/Hz]	Displacement [cc/rev]	Capacity / Evaporating Temperature - ASHRAE														Frequency range [rps]
			Check Point -23.3°C		Check Point +7.2°C		-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	+5°C	+10°C	+15°C	
			CAP [W]	COP [W/W]	CAP [W]	COP [W/W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	
VEMY 6HH	220-240/53-150	5.72	97	1.65	-	-	61	86	118	156	202	255	-	-	-	-	25
			230	1.62	-	-	153	208	273	348	433	528	-	-	-	-	75

Rated Test Conditions:
 Condensing Temperature 54.4°C
 Liquid Temperature 32.2°C
 Suction Temperature 32.2°C
 Ambient Temperature 32.2°C

Private Picture Copyright : WWW.MBSM.PRO

-
-
-
-
-

www_embrital_com_en_refrigeration_embraco_brazil_htmlDownload
 embraco-r600-compressorsDownload

POWER MOSFETS CROSS REFERENCE

written by Lilianne | 6 December 2024



POWER MOSFETS CROSS REFERENCE

**TFS4AT, 102u 2081, 102u2081,
1/12 hp, r12, Lbp, 80 w / -25
°C, -10/-40 °C, Danfoss, r12,
r22, r502, Compressor, PDF**

written by Amina | 6 December 2024



Private Picture Copyright : WWW.MBSM.PRO

TFS4AT, 102u 2081, 102u2081, 1/12 hp, r12, Lbp, 80 w / -25 °C, -10/-40 °C, Danfoss, r12, r22, r502, Compressor, PDF

أنواع ضواغط مغلقة و نصف مغلقة

written by Lilianne | 6 December 2024



أ:أنواع ضواغط مغلقة و نصف مغلقة:

Mbsm.pro, Files, PDF,
compressori ortiz, all
compressor in one file

written by rober us | 6 December 2024

Embraco Embraco

CONDIZIONI DI RESA	ASHRAE	TEMP.EVAPORAZIONE	MOTORE V.220/50Hz
Temp. condens: + 55		da - 25 a +10°C (MBP-HBP)	CSIR=Condensatore di spunto e relé
Temp. liquido: + 46(32)		da - 40 a -10°C (LBP)	CSR=Condens. di spunto,marcia, relé.
Temp. ambiente: + 35			3Phase= V.380/50Hz
Temp. Gas aspir.: + 35			

ATTACCHI A SALDARE

R. 404 (MBP-HBP) MEDIA-ALTA TEMPERATURA OLIO ESTERE

CODICE ASPE-	MODELLO	HP	ASHRAE		CIL. cc	W.assorb.	Tipo Motore V220	PREZZO EURO,00
			Resa -10°	Watt 0°				
404H2105	NB 6144 GK	1/6	297	450	4.38	331	CSIR	142
404H2110	NB 6152 GK	1/5	351	530	4.85	375	CSIR	148
404H2115	NB 6165 GK	1/4	413	611	6.00	511	CSIR	155
404H2120	NB 6181 GK	1/4P	514	774	7.40	567	CSIR	160
404H2125	NE 6210 GK	1/3	595	935	8.90	620	CSIR	168
404H2130	NE 9213 GK	1/2	840	1303	12.00	740	CSR	185
404H2135	T 6217 GK	3/4	961	1515	14.50	1000	CSIR	290
404H2140	T 6220 GK	3/4	1164	1826	17.40	1100	CSR	328
404H2145	T 6222 GK	1	1554	2381	22.30	1500	CSR	340
404H2150	NJ/J 9226 GK	1	1587	2475	21.70	1320	CSR	400
404H2155	NJ/J 9232 GK	1.2	1904	2976	26.20	1620	CSR	406
404H2160	NJ/J 9238 GK	1.5	2420	3705	32.70	2100	CSR	412
404H2165	NJ/J 9226 GS	1	1587	2475	21.70	1280	3 Phase	408
404H2170	NJ/J 9232 GS	1.2	1904	2976	26.20	1600	3 Phase	410
404H2175	NJ/J 9238 GS	1.5	2420	3705	32.70	2000	3 Phase	420

Private Picture Copyright : WWW.MBSM.PRO

Mbsm_dot_pro_private_PDF_compressori ortiz



Mbsm.pro, Files, PDF, NUEVA WEB AREA COOLING SOLUTIONS

written by Lilianne | 6 December 2024



Mbsm.pro, Files, PDF, NUEVA WEB AREA COOLING SOLUTIONS

Mbsm.pro, Files, Pdf, analog, TECUMSEH, EUROPE, R12

written by Lilianne | 6 December 2024



Mbsm.pro, Files, PDF, analog, TECUMSEH, EUROPE, R12

Mbsm.pro, Files, PDF, HERMETIC COMPRESSORS AND SPARES, EMBRACO

written by Lilianne | 6 December 2024

HERMETIC COMPRESSORS AND SPARES

EMBRACO

A range of domestic/light commercial compressors covering applications using R12 (alternative replacements) and R134A refrigerants. Compressors are supplied with LST electricies as standard. PW/FF compressors can be fitted with a start capacitor for HST applications.



CODE	MODEL	APPLICATION	VOLTS/HZ	DISP CC	NOM HP	LIST £
R12 REFRIGERANT						
040453	EM30NP	LBP	220-240/50	3.01	1/10	81.08
040456	EM40NP	LBP	220-240/50	3.77	1/8	84.29
040459	EM55NP	LBP	220-240/50	4.99	1/6	88.14
040465	PW3.5K9	H/M/LBP	220/50-60	3.47	1/8	78.23
040468	PW4.5K11	H/M/LBP	220/50-60	4.33	1/6	81.65
040474	FF6BK	H/M/LBP	220-240/50	6.23	1/5	91.00
040477	FF7.5BK	H/M/LBP	220-240/50	6.93	1/5	93.51
R134A REFRIGERANT						
040503	EM30HNP	LBP	220-240/50	3.01	1/12	97.88
040506	EM40HNP	LBP	220-240/50	3.77	1/10	100.88
040509	EM50HNP	LBP	220-240/50	4.99	1/8	102.83
040512	EM60HNP	LBP	220-240/50	5.54	1/6	106.66
040568	EM45HHR	M/M/LBP	220-240/50	3.77	1/10	101.25
040569	EM55HHR	HBP	220-240/50	4.60	1/8	104.88
040570	EM65HHR	HBP	220-240/50	5.54	1/6	109.15
040533	PW3.5HK9	HBP	220-240/50-60	3.47	1/8	95.54
040536	PW4.5HK11	HBP	220-240/50-60	4.33	1/6	97.89
040515	FFI6HAK	H/M/LBP	220-240/50-60	6.23	1/5	108.73
040518	FG75HAK	H/M/LBP	220-240/50	7.95	1/4	111.13
040521	FG85HAK	H/M/LBP	220-240/50	9.05	1/4	114.84
040527	FFI10HAK	H/M/LBP	220-240/50-60	9.05	1/4	121.31
040530	FFI12HBK	H/M/LBP	220-240/50	11.15	1/3	137.60

Private Picture Copyright : WWW.MBSM.PRO

Mbsm.pro, Files, PDF, HERMETIC COMPRESSORS AND SPARES

Mbsm.pro, Files, Docx, COMPRESSOR EQUIVALENCE, r12

written by Lilianne | 6 December 2024

COMPRESSOR EQUIVALENCE
IDENTIFY YOUR COMPRESSORS

CODE	DESCRIPTION
T AJ 4 5 19 Z H R	Group description
T AJ 4 5 19 Z	Compressor description
R	No letter = welding valve Letter R = with bottle
H	H = high induction pressure (-15°C à +15°C) B = low induction pressure (-40°C à -10°C) M = medium and high induction pressure (-25°C à +15°C)
Z	A, B, or D = refrigerant R12 C = refrigerant R407 E, F, G or H = refrigerant R22 J, K, L = refrigerant R502 T = refrigerant R22 or R502 Y = refrigerant R134A Z = refrigerant R404A or R407B or R507
19	Corresponds to the first refrigeration power numbers expressed in BTU/h at 60Hz Example : 19 preceded by the number 3 means 19 000 BTU/h
5	Number of figures composing the refrigeration power Example : 19 000 BTU/h
4	Applications 1 = Low vaporization pressure. Engine with standard start-up torque 2 = Low vaporization pressure. Engine with start-up torque 3 = High vaporization pressure. Engine with standard start-up torque 4 = High vaporization pressure. Engine with start-up torque 5 = Air conditioning 9 = Medium and high vaporization pressure. Engine with high start-up torque 0 = Medium and high vaporization pressure. Engine with high standard start-up torque
AJ	Family : TH-AZ-AEZ-AE-AJ-FH-AH-AN-RK-RGA P designates compressors intended for parallel disassembly Ex : TAHF, TAGP, TANP D designates compressors mounted in 'couple' S designates single-propeller condensation groups C or noletter = single-phased T = tri-phased

R12-POWERED LOW PRESSURE COMPRESSORS

Hermetic Unit	CV	Aspera	Danfoss	Necchi	Uninad	Zanussi	DKK
AE1227	1/12	A1055	TL3A	M3.5	D30AS	E30601	KH0.63N06
AZ1335D	1/8	A1075	TL4A	M4	D36AS	E44101	KH0.75N07
AZ1255D	1/6	A1111	TL5A	M5	L55A	V1040G	MH1.0N12
AE21360A	1/5	B1112	FR7.5A	M7	L76A	V1350E	MH1.25N12
AE21380A	1/4	A1118	FR10A	M9	L88	E88102	MH1.6H15
AE1410A	1/3	E1121	FR11A	M11	P12		MH2.0H15
AE1412A	3/8	T1124	SC15A	M13	P14		

This table is published for your guidance only, on no account shall SOGAFRIC SERVICES be held liable for it.

R12-POWERED HIGH PRESSURE COMPRESSORS

Hermetic Unit	CV	Aspera	Danfoss	Necchi	Uninad	DKK
AZ9287	1/6	A5132	FR6BX	M4H	AE65Z47	
CAE592F9	1/5	A5160	FR6.5B	M7H	LS7PX	MH1.25N18
CAE4440A	1/3	E6185	SC10B		P14TY	
CAJ4452A	3/8	E6187	SC12B			
CAJ4461A	1/2	T6213	SC15B		CAJ2P	
CAJ4492A	3/4	J6220	SC21B			
CAJ4511A	1	J6226				
CAH4518A	1.5	H6238				
CAH4525A	2	H6253				

This table is published for your guidance only, on no account shall SOGAFRIC SERVICES be held liable for it.



Private Picture Copyright : WWW.MBSM.PRO

Mbsm.pro, Files, Docx, COMPRESSOR EQUIVALENCE, r12

Mbsm.pro, Files, Pdf, Compressor, HPY16AAa, 1/4 hp, Danfos

written by rober us | 6 December 2024



- Compresseur hermétique Cubigel – Huayi Modèle HPY16AAA (LBP) R600 220-240V 50Hz 1/4HP Projection 6.5" / 3(S) Capillaire d'expansion -35¼C -10¼C
- Mbsm_dot_pro_private_PDF_danfoss_HPY16AAa_R600a_220_50

