

COMPRESSOR, DANFOSS, NLE15KTK2, NLE15KTK2 105H6966, 105H6966, 105H, 6966, 253W, 1/3Hp, LBP, R600, 220V/50, Indesit, Ariston

Category: compressor

written by www.mbsm.pro | 21 April 2021



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COMPRESSOR, DANFOSS, NLE15KTK2, NLE15KTK2 105H6966, 105H6966, 105H, 6966, 253W,
1/3Hp, LBP, R600, 220V/50, Indesit, Ariston

Types of Electrical Motors, RSIR, CSIR, RSCR, CSR, PTC, NTC, LST, HST, MBP, HBP, LBP

Category: compressor,Files

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Types of Electrical Motors

RSIR (Resistance Start-Induction Run)

LST motor. No capacitors. Auxiliary winding is disconnected after start up. Standard energy efficiency.

CSIR (Capacitor Start-Induction Run)

HST motor. With starting capacitor. Auxiliary winding is disconnected after start up. Standard efficiency.

RSCR (Resistance Start-Capacitor Run)

LST motor. With running capacitor. Auxiliary winding remains connected after start up. Used for high efficiency in small capacity compressors (particularly in household refrigeration)

CSR (Capacitor Start and Run)

HST motor. Two capacitors (starting and running). Auxiliary winding remains connected after start up. Used for high efficiency in small compressors and for size reduced size motors in compressors with comparatively large displacements.



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Type of starting device

Current relay – (electromechanical). RSIR/CSIR motors and CSR low/medium-power motors with NTC (the NTC is connected in series with the starting capacitor and the main purpose is to reduce the current peaks in the relay contacts)

Potential relay – (electromechanical). CSR high-power motors.

PTC – (Positive Temperature Coefficient), the resistance increases with the temperature. Device only with RSIR or RSCR motors in the (Small L, B), L and P ranges.

NTC – (Negative Temperature Coefficient), the resistance decreases with the temperature. Used in some CSR in order to reduce dimensions and components.

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Type of torque

LST – Low Starting Torque – Systems with capillary tube or balanced pressures at start up.

HST – High Starting Torque – Systems with expansion valve or capillary tube, with unbalanced pressures at start up.

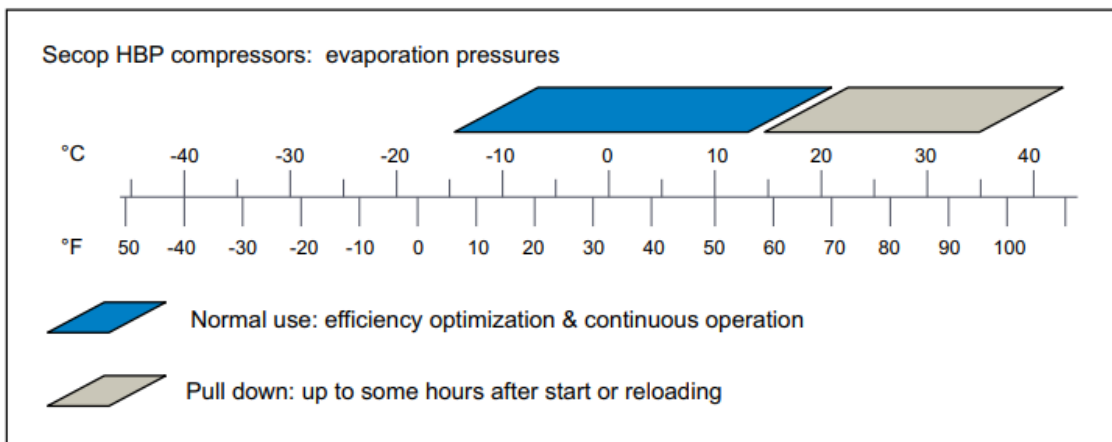
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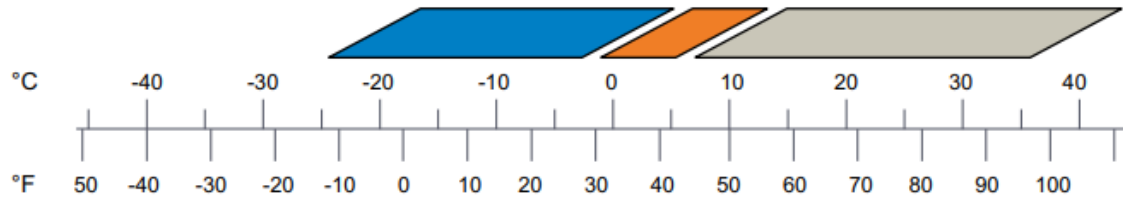





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Secop MBP compressors: evaporation pressures

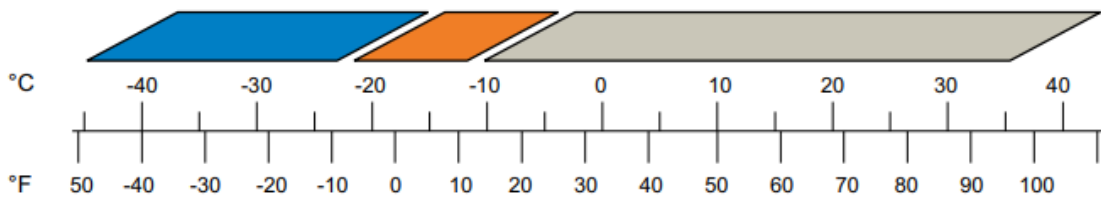





-  Normal use: efficiency optimization & continuous operation
-  High load: continuous operation
-  Pull down: up to some hours after start or reloading



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Secop LBP compressors: evaporation pressures



-  Normal use: efficiency optimization & continuous operation
-  High load: continuous operation
-  Pull down: short time operation (<60min.) after start or defrost



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Catalogue, DANFOSS, All Compressor, PDF Catalogs, Documentation

Category: compressor,Files

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Catalogue, DANFOSS, All Compressor, PDF Catalogs, Documentation

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Compressor, NL7.3FT, SECOP, 105G6726,
DANFOSS, 6726, 105G, 105 G 6726, 105G
6726, 1/5 HP, 180W, LBP, Zanussi,
Kiriazi Electric Company, TGV 335L,
NO FROST, TSV 320L, FC 83L , R134A,
125G, 220-240V 50Hz, CSIR

Category: compressor

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KIRIAZI



CE



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Product	No Frost Refrigerator	Class	T
Model	E 335N/3	Current / Amp.	1.1/~
Rated Voltage	220-240V/50HZ	Refrigerant	R 134a 125g
Rated input of lamp	1 x 25 w	Total Gross Volume	335 L
Ins : Basic	Type II IPX4	Total Storge Volume	320 L
Freezing Capacity	4 kg/24hr	Freezer Capacity	83L
ES 6000 / 2008		Tow Door Ref.	
ES 3793 / 2006			
Serial Number		Made in Egypt	



● ○ REDMI NOTE 8
○ ∞ AI QUAD CAMERA

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R134a is a low pressure refrigerant, very efficient for high temperature applications.

This makes it ideal in air conditioning applications that may leak refrigerant like car air conditioning.

Now it is being phased out because of its high global warming potential and replaced by R134

R404a is a high pressure refrigerant ideal for applications in low and medium temperature.

You want low pressure refrigerants in household applications like refrigerators that may be inside kitchens with (possible) high ambient temperature, so you make sure nothing will blow up. For the same reason you want R134a in your car air conditioning.

R404a instead has pressures slightly above atmospheric in low temperature applications where R134a would have negative pressures and its heat transmission coefficients would be much lower.

Type de gaz	App	HP	Watt	Modèle	TL
R134A	LBP	1/6	134	TLY5.1FK	
R134A	LBP	1/4	183	TLES7FT.4	

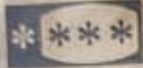
R134A	LBP	1/5	156	NL6FT.2	
R134A	LBP	1/5	185	NL7.3FT (RSIR)	
R134A	LBP	+ 1/4	219	NL9FT.2 (RSIR)	
R134A	LBP	1/4	185	NL7.3FT (CSIR)	
R134A	LBP	+ 1/4	219	NL9FT.2 (CSIR)	NL
R134A	LBP	1/3	284	NL10FT	
R134A	MBP	1/3	621	NL11MF	
R404A	LBP	1/3	433	NL7CLX	
R404A	LBP	1/3	471	NL8.4CLX	
R134A	LBP	1/4	187	NLY6F	
R134A	LBP	+ 4 /	213	NLY7F	
		(1)			
R134A	LBP	1/3	237	NLY9FK	
R600A	LBP	+ 1/4	227	NLE13KTK.2	
R600A	LBP	1/3	253	NLE15KTK.2	
R600A	LBP	+ 1/4	225	NLX13KK.3	
R600A	LBP	1/3	254	NLX15KK.3	

R134A	LBP / MBP / 1/3 HBP	264	SC12G	
R134A	LBP / MBP / 1/2 HBP	392	SC18G	
R134A	LBP / MBP / 3/4 HBP	456	SC21G	SC
R134A	MBP 3/4	1073	SC21MFX	
R134A	LBP 3/4	567	SC21FTX	
R404A	LBP 1	1033	ST21CL	
R404A	LBP 1	986	SC18CLX.2	
R404A	MBP 1/2	359/650	SC15MLX	
R404A	MBP 7/8	762/1584	SC18MLX	

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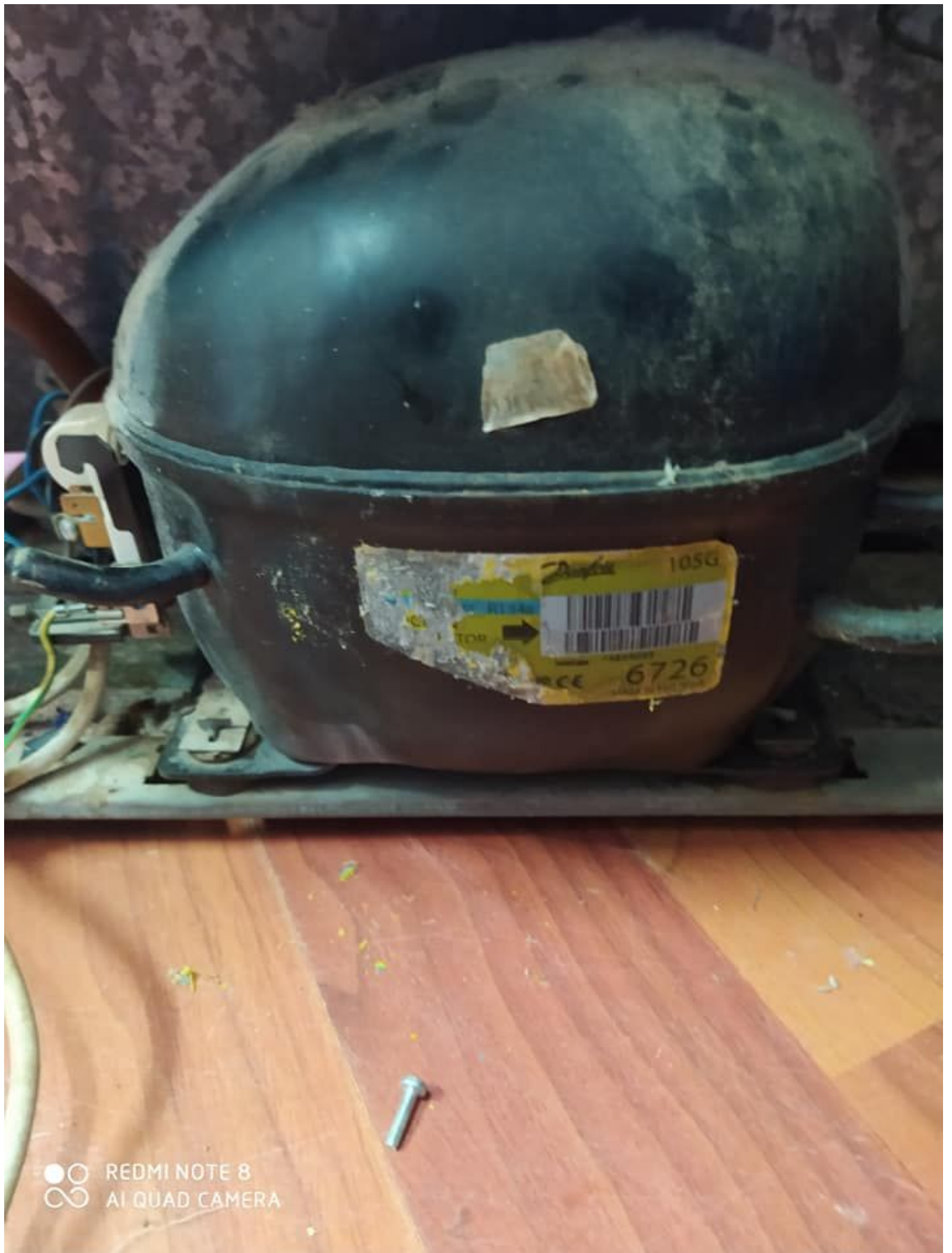
Product	No Frost Refrigerator	Class	T
Model	E 335N/3	Current / Amp.	1.1/~
Rated Voltage	220-240V/50HZ	Refrigerant	R 134a 125g
Rated input of lamp	1 x 25 w	Total Gross Volume	335 L
Ins : Basic	Type II IPX4	Total Storge Volume	320 L
Freezing Capacity	4 kg/24hr	Freezer Capacity	83L
ES 6000 / 2008		Tow Door Ref.	
ES 3793 / 2006			
Serial Number		Made in Egypt	



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charger

Refrig	Applic	oil cooling	Evaporating temperature [°C]											Evaporating tem					
			-35	-30	-25	-20	-15	-10	-5	0	5	10	15	-25	-10				
R134a	LBP		1/20	14	26	40	56	74	95								60	86	
		PL50F	101G0220	1/20	14	26	40	56	74	95								60	86
		TL53FT	102G4324	1/16	21	34	50	69	92	120								62	93
		TL54FT	102G4424	1/10	27	43	63	88	117	152								88	123
		TL55FT	102G4524	1/8+	48	71	98	131	170	216								114	165
		TL55.7FT.3	102G4615	1/6	66	90	120	156	200	253								120	170
		TL56.5FT.3	102G4703	1/5			136												139
		NL6FT	105G6628	1/6	60	84	115	152	198	253								123	184
		NL6.1FT	105G6620	1/6	60	84	115	152	198	253								123	184
		NL7FT	105G6728	105G6738	1/5	71	100	136	181	235	299							145	220
		NL7.3FT	105G6726		1/5	71	100	136	181	235	299							145	220
		NL8.4FT	105G6865		1/4	87	120	162	213	275	350							169	252
		NL9FT	105G6828	105G6838	1/4	87	120	162	213	275	350							169	252
		NL10FT	105G6829	105G6839	1/3	113	158	213	281	361	455							215	316
		NLE7.3FT	105G6710		1/4	92	118	154	201	258	325							148	221
		SC12FT	104G8205	104G8215	1/3	103	163	233	314	408	517	645						265	380
		SC15FT	104G8505		1/2	126	197	280	376	489	620	772						311	451
		SC18FTX	104G8805		5/8	144	229	325	437	567	719	896						365	517
		SC21FTX 50Hz	104G8105		3/4	192	296	415	553	713	901	1119						428	613
		SC21FTX 60Hz	104G8106		3/4	240	345	470	620	800	1012	1262						475	707
		TL2.5G	102G4251		1/12	11	23	36	51	69	90	116	145	179	219	264		60	84
	TL3G	102G4350		1/12	25	41	59	81	106	136	170	211	258	312		66	96		
	TL4G	102G4452		1/8	41	58	80	107	140	180	226	280	342	413		83	118		
	TL5G	102G4550		1/6	56	79	107	139	178	224	278	341	414	497		100	149		
	FR6G	103G6660		1/5	48	83	124	171	226	290	365	452	552			109	172		
	FR7.5G	103G6680	103G6690	1/5	62	99	142	193	254	325	408	505	618			126	194		
	FR8.5G	103G6780	103G6790	1/4	85	123	171	228	298	381	478	592	722			151	231		
	FR10G	103G6880	103G6890	1/4	92	136	188	250	324	412	516	638	779			179	265		
	FR11G	103G6980		1/3	115	170	233	307	395	501	628	780				202	317		
	TL6.5MF	102G4781		1/4			174	219	279	349	425	520						202	
	NL6.1MF	105G6660		1/5			141	189	245	312	390	482	588	709				187	
	NL7.3MF	105G6772		1/4			179	236	304	385	480	591	719	867				227	
	NL8.4MF	105G6879		1/4+			213	277	353	445	553	679	825	994				261	
	NL10MF	105G6885		1/3			266	346	441	554	687	843	1023	1231				323	
	NLE10MF	105G6888		1/3	88	137	194	262	343	440	554	688	845				198	308	
	NL11MF	105G6151		3/8			292	380	485	609	756	927	1125	1354				360	
	SC10G	104G8000		5/16	23	60	113	183	268	369	486	618	764	925	1100		181	290	
	SC12G	104G8240	104G8250	3/8	65	113	175	252	348	464	603	768	960	1182	1437		227	355	
	SC15G	104G8520	104G8530	1/2			164	290	424	568	728	908	1110	1340	1600		233	440	
SC18G	104G8820	104G8830	1/2+			283	394	526	684	870	1087	1337	1624	1950		331	507		

model	watt	HP	LBP/MBP	نوع گاز	توضیحات
SC12G	246	1/3	LBP/MBP	134	
SC18G	392	1/2	LBP/MBP	134	
SC21G	456	3/4	LBP/MBP	134	
SC21MFX	1073	3/4	MBP	134	هیگرتن SC21G
SC21FTX	567	3/4	LBP	134	هیگرتن SC21G
SC12CL	629		LBP	404	
SC15CL	782		LBP	404	
SC18CLX.2	986		LBP	404	
TLS5FT(PTC)	134	1/6	LBP	134	
TLES5.7FT(PTC)	163	1/5	LBP	134	
TLES6.5FT(PTC)	183	1/4	LBP	134	سفن NL7
NL6FT.2(PTC)*	156	1/5	LBP	134	
NL7FT.2(PTC)*	185	1/4	LBP	134	
NL9FT.2(PTC)*	219	1/4+	LBP	134	
NL10FT	284	1/3	LBP	134	هیگرتن SC12G (پارنه و سفن)
NL11MF	621	1/3	MBP	134	هیگرتن SC12G (پارنه و سفن)
NL7CLX	433		LBP	404	
NL8.4CLX	471		LBP	404	
NL7.3MF	393		MBP	134	
NL8.4MF	455		MBP	134	
NLY6F	187		LBP	134	سفن NL7 - High efficiency (7% در سفن)
NLY7F	213		LBP	134	سفن NL9 - High efficiency (7% در سفن)
NLY9FK	237		LBP	134	High efficiency (7% در سفن)
BD50F	72		LBP/MBP	134	
BD350GH	167		LBP/MBP	134	
GS21MLX	2200		MBP	404	
GS26CLX	1430		LBP	404	
GS34CLX	2072		LBP	404	
GS26MLX	2866		MBP	404	
GS34MLX	3726		MBP	404	

(LBP @ -33.3°C ASHRAE) زیر صفر
(MBP @ -6.7°C ASHRAE) بالای صفر

FR6B, Compressor, 103U2654, FR6B
103U2654, DANFOSS TL, FR and SC
Hermetic Compressors, DANFOSS,
Kiriazi, 343L, 1/5 Hp, MBP, R12,
280g, équivalence, 1/4Hp, R134A, 190g

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Compresseurs hermétiques DANFOSS TL, FR et SC

BOC partie No.	Code Danfoss	Puissance nominale et applic	Refrig.	Capacité nominale (watts)	Réf. BOC	Code Danfoss	Puissance nominale et applic	Réfrigérer	Capacité nominale (watts)
FR6B	103U2654	1/5 MBP	R12	354	TL3F	102G4300	1/10 LBP	R134a	58
FR8.5B	103U2854	1/4 MBP	R12	450	TL4F	102G4400	1/8 LBP	R134a	84
SC10B *	104L2510	1/3 MBP	R12	588	TL55F	102G4520	1/6 LBP	R134a	127
FR11B	103U2154	1/3 MBP	R12	624	TL57F	102G4720	1/5 LBP	R134a	162
SC12B *	104L2670	4/9 MBP	R12	756	NL7F	105G6706	1/4 LBP	R134a	183
SC15B *	104L2830	1/2 MBP (LBP)	R12 (R502)	912 (768)	NL9F **	105G6802	1/4 LBP	R134a	214
SC18B *	1042110	2/3 MBP (LBP)	R12 (R502)	1044 (900)	NL11F **	105G6910	1/4 LBP	R134a	274
SC21B	104L2310	3/4 MBP	R12	1212	SC15F **	104G8500	1/3 LBP	R134a	319
SC10B	104L2510	1/3 LBP	R502	468	SC18F **	104G8800	4/9 LBP	R134a	395
SC12B	104L2670	4/9 LBP	R502	612	TL3G	104G4350	1/8 MBP	R134a	175
SC15C	104L2832	2/3 LBP	R502	768	TL4G	102G4452	1/6 MBP	R134a	215
SC18C	104L2111	3/4 LBP	R502	900	FR6G	103G6660	1/5 MBP	R134a	351
SC10G	104G8000	1/3 MBP	R134a	591	FR8.5G	103G6780	1/4 MBP	R134a	468
SC12G	104G8240	4/9 MBP	R134a	751	FR11G	103G6980	1/3 MBP	R134a	609
SC18G	104G8820	2/3 MBP	R134a	1059	SC15G	104G8520	1/2 MBP	R134a	892
SC21G	104G8140	3/4 MBP	R134a	1256	SC10CL	104L2523	1/3 MBP	R507	450
SC12CL	104L2623	4/9 LBP	R507	624	SC15CL	104L2853	2/3 LBP	R507	758
SC18CL	104L2123	3/4 LBP	R507	893					

Remarque:

1. Les compresseurs marqués ** sont équipés de raccords de refroidisseur d'huile.
2. Les compresseurs marqués * peuvent être utilisés sur les systèmes R502 avec fonctionnement à tube capillaire dans la gamme LBP.
3. (Systèmes sans dégivrage automatique uniquement).

Capacités nominales basées sur:

LBP = -23,3 ° C température d'évaporation

MBP = -5 ° C température d'évaporation

Relais de remplacement (appareil de démarrage)	
Réf . BOC	Convient au modèle de compresseur
103N0011	TL3A à TL5A, FR7.5A à FR11A
103N0002	SC12A, SC15A





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FR6B	103 U26 54	1/ 5 M BP	R 1 2	3 5 4	T L 3 F	1 0 2 G 4 3 0 0	1 /	R 1 3 4 a	5 8
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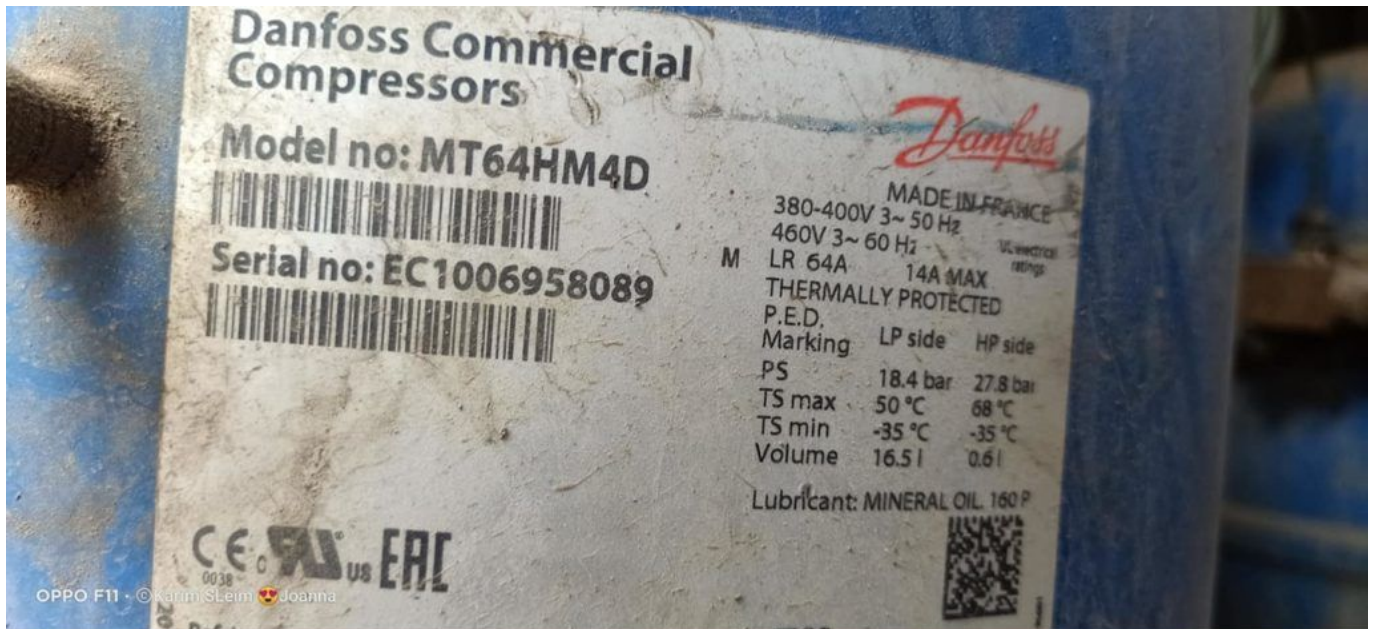
Danfoss, Compressor, 5 Hp, R22, Démontage, ouverture, DESTRUCTION

Category: compressor

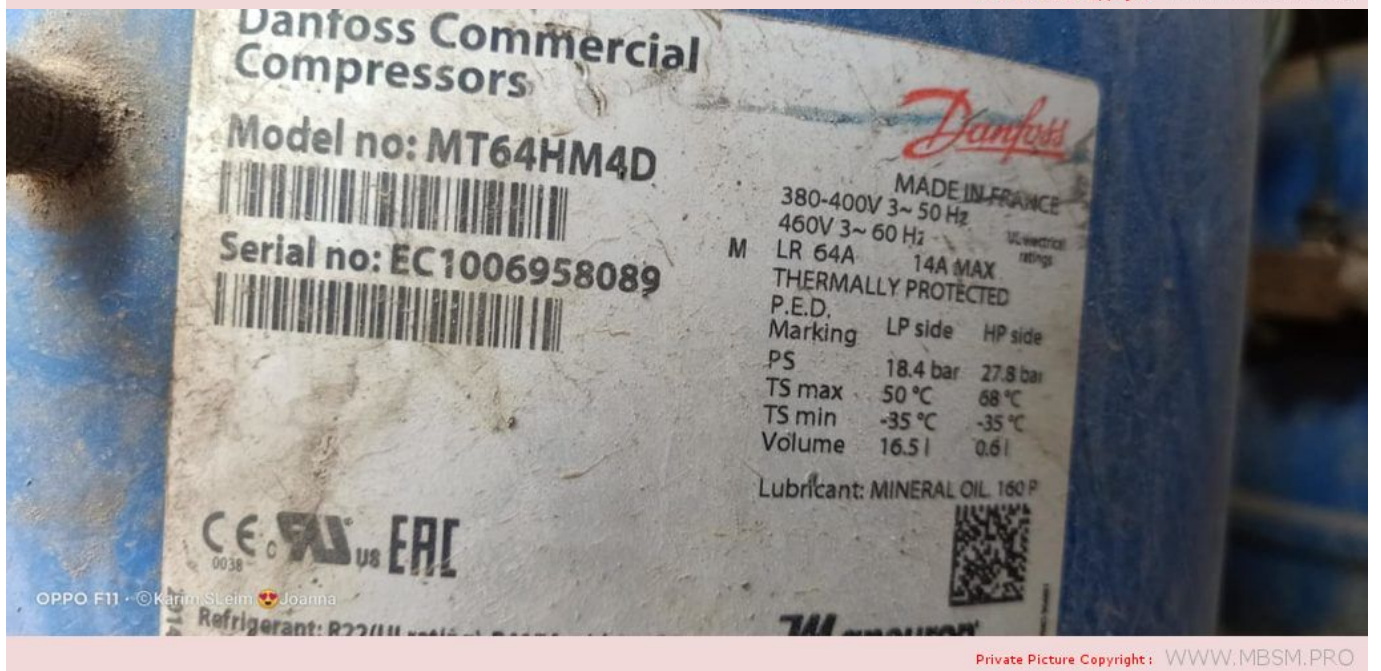
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Product : Compressor
 产地: 法国制造
 Plant : Made in France
 客户: 丹佛斯自动控制管理(上海)有限公司
 Customer service: Danfoss Automatic Controls Management (Shanghai) Co.Ltd
 地址电话: 上海市宜山路900号科技大楼C楼20层200233 / (021)61513000
 Address/Tel: 20th Floor Block C, Hi-Tech Building
 900 Yi Shan Road Shanghai 200233 / (021)61513000
 警告: 只有具备一定经验和安全程序
 培训的授权人员才可以进行安装和维修。
 Warning: The installation and maintenance
 should be performed by the authorized
 person only



Danfoss Commercial Compressors



型号: MT64HM4DVE

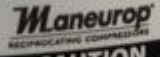
 序列号: EC1006983516


产地法国
 380-400V 3~ 50 Hz
 460V 3~ 60 Hz
 额定电流: 6.4A 最大工作电流: 1.4A
 过热保护
 低压倒
 最高额定压力 18.4 bar
 最高额定温度 50 °C
 最低额定温度 -35 °C

润滑油: MINERAL OIL 160 P



R410A 制冷剂: R22 或 R417A 仅和 160PZ



WARNING

Installation and servicing shall be performed by trained personnel only. Failure to observe these safety warnings could result in personal injury or death.
 1. Before working on the compressor, turn off power before removing the charge of capacitors.
 2. Never connect power in place and securely fastened whenever power is applied to the compressor. Use this equipment on a grounded system only.
 3. The system contains refrigerant and oil under pressure. Release pressure from both the high and low side before opening any safety cap(s).
 4. Do not touch the hot surface of the compressor.



CAUTION

Use only manufacturer's approved refrigerants, lubricants, and electrical components. Unauthorized refrigerants / lubricant / electrical component could cause fire, explosion, electrical shorting.
 For details refer to multi language instruction and technical documents available on Danfoss website at www.danfoss.com



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Compressor, hermétiques, DANFOSS, TL,
FR et SC, SC10B, SC12B, SC15B, SC18B,
SC21B, SC10G, SC12G, SC15C, SC10B,
SC12B, SC15C, SC10G,
SC12G, SC18G, SC21G, SC12CL, SC18CL

Category: compressor

written by www.mbsm.pro | 21 April 2021



SC12B

220-240V-50Hz

HBP LST/HST

240V-50Hz

LBP LST/HST

220-240V-60Hz

LBP LST/HST



Danfoss

104L



54AT7LHD

2670

CE

MADE IN GERMANY

Compresseurs hermétiques DANFOSS TL, FR et SC

BOC partie No.	Code Danfoss	Puissance nominale et applic	Refrig.	Capacité nominale (watts)	Réf. BOC	Code Danfoss	Puissance nominale et applic	Réfrigérer	Capacité nominale (watts)
FR6B	103U2654	1/5 MBP	R12	354	TL3F	102G4300	1/10 LBP	R134a	58
FR.5B	103U2854	1/4 MBP	R12	450	TL4F	102G4400	1/8 LBP	R134a	84
SC10B *	104L2510	1/3 MBP	R12	588	TL55F	102G4520	1/6 LBP	R134a	127
FR11B	103U2154	1/3 MBP	R12	624	TL57F	102G4720	1/5 LBP	R134a	162
SC12B *	104L2670	4/9 MBP	R12	756	NL7F	105G6706	1/4 LBP	R134a	183
SC15B *	104L2830	1/2 MBP (LBP)	R12 (R502)	912 (768)	NL9F **	105G6802	1/4 LBP	R134a	214
SC18B *	1042110	2/3 MBP (LBP)	R12 (R502)	1044 (900)	NL11F **	105G6910	1/4 LBP	R134a	274
SC21B	104L2310	3/4 MBP	R12	1212	SC15F **	104G8500	1/3 LBP	R134a	319
SC10B	104L2510	1/3 LBP	R502	468	SC18F **	104G8800	4/9 LBP	R134a	395
SC12B	104L2670	4/9 LBP	R502	612	TL3G	104G4350	1/8 MBP	R134a	175
SC15C	104L2832	2/3 LBP	R502	768	TL4G	102G4452	1/6 MBP	R134a	215
SC18C	104L2111	3/4 LBP	R502	900	FR6G	103G6660	1/5 MBP	R134a	351
SC10G	104G8000	1/3 MBP	R134a	591	FR.5G	103G6780	1/4 MBP	R134a	468
SC12G	104G8240	4/9 MBP	R134a	751	FR11G	103G6980	1/3 MBP	R134a	609
SC18G	104G8820	2/3 MBP	R134a	1059	SC15G	104G8520	1/2 MBP	R134a	892
SC21G	104G8140	3/4 MBP	R134a	1256	SC10CL	104L2523	1/3 MBP	R507	450
SC12CL	104L2623	4/9 LBP	R507	624	SC15CL	104L2853	2/3 LBP	R507	758
SC18CL	104L2123	3/4 LBP	R507	893					

Remarque:

1. Les compresseurs marqués ** sont équipés de raccords de refroidisseur d'huile.
2. Les compresseurs marqués * peuvent être utilisés sur les systèmes R502 avec un fonctionnement à tube capillaire dans la gamme LBP.
3. (Systèmes sans dégivrage automatique uniquement).

Capacités nominales basées sur:

LBP = -23,3 ° C température d'évaporation

MBP = -5 ° C température d'évaporation

Relais de remplacement (appareil de démarrage)	
Réf. BOC	Convient au modèle de compresseur
103N0011	TL3A à TL5A, FR7.5A à FR11A
103N0002	SC12A, SC15A

urs muraux, systèmes de refroidissement et de chauffage

Tableau de puissance des compresseurs Danfoss

Tableau de puissance des compresseurs

Danfoss

Capacité nominale (Watts)	Réfrigérant	Puissance nominale et applic	Code Danfoss	BOC PartNo
Capacité nominale en watts	Gaz réfrigérant	Puissance et application	Code du compresseur Danfoss	Numéro d'article
354 http://pakij.ir	R12	1/5 MBP	103U2654 http://pakij.ir	FR6B
450	R12	1/4 MBP	103U2854	FR8.5B
588 http://pakij.ir	R12	1/3 MBP	104L2510 http://pakij.ir	SC10 * B
624	R12	1/3 MBP	103U2154	FR11B
756 http://pakij.ir	R12	4/9 MBP	104L2670 http://pakij.ir	SC12 * B
912 (768)	R12 (R502)	1/2 MBP (LBP)	104L2830	SC15 * B
1044 (900)	R12 (R502)	1/3 MBP (LBP)	1042110	SC18 * B
1212 http://pakij.ir	R12	3/4 MBP	104L2310 http://pakij.ir	SC21B
468	R502	1/3 LBP	104L2510	SC10B
612	R502	4/9 LBP	104L2670	SC12B
768 http://pakij.ir	R502	1/3 LBP	104L2832 http://pakij.ir	SC15C
900	R502	3/4 LBP	104L2111	SC18C
591	R134a	1/3 MBP	104G8000	SC10G
751 http://pakij.ir	R134a	4/9 MBP	104G8240 http://pakij.ir	SC12G
1059	R134a	1/3 MBP	104G8820	SC18G
1256	R134a	3/4 MBP	104G8140	SC21G
624 http://pakij.ir	R507	4/9 LBP	104L2623 http://pakij.ir	SC12CL
893	R507	3/4 LBP	104L2123	SC18CL



SC12B

220-240V-50Hz

HBP LST/HST

240V-50Hz

LBP LST/HST

220-240V-60Hz

LBP LST/HST



Danfoss

104L



54AT7LHD

2670

CE

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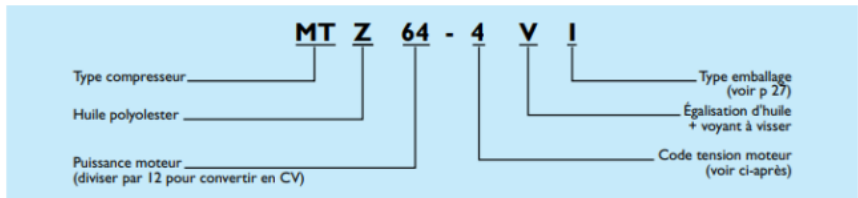
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Rejoignez-nous

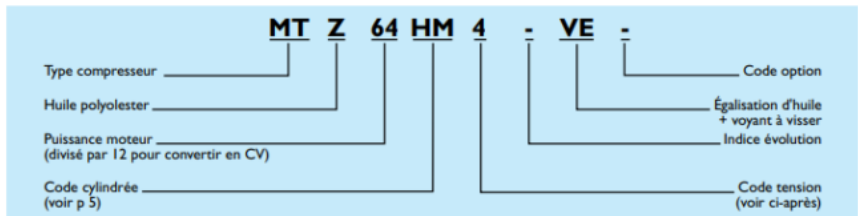
BOC PartNo Numéro d'article	Code Danfoss Code du compresseur Danfoss	Puissance nominale et applic Puissance et application	Réfrigérer Gaz réfrigérant	Capacité nominale (Watts) Capacité nominale en watts
FR6B	103U2654 defrostLir	1/5 MBP	R12	354 defrostLir
FR8.5B	103U2854	1/4 MBP	R12	450
Private Picture Copyright: WWW.MBSM.PRO				
SC10 * B	104L2510 defrostLir	1/3 MBP	R12	588 defrostLir
FR11B	103U2154	1/3 MBP	R12	624
SC12 * B	104L2670 defrostLir	4/9 MBP	R12	756 defrostLir
SC15 * B	104L2830	1/2 MBP (LBP)	R12 (R502)	912 (768)
SC18 * B	1042110	2/3 MBP (LBP)	R12 (R502)	1044 (900)
Private Picture Copyright: WWW.MBSM.PRO				
SC21B	104L2310 defrostLir	3/4 MBP	R12	1212 defrostLir
SC10B	104L2510	1/3 LBP	R502	468
SC12B	104L2670	4/9 LBP	R502	612
SC15C	104L2832 defrostLir	2/3 LBP	R502	768 defrostLir
SC18C	104L2111	3/4 LBP	R502	900
SC10G	104G8000	1/3 MBP	R134a	591
Private Picture Copyright: WWW.MBSM.PRO				

refroidi par les gaz aspirés.
 La fiabilité du compresseur est assurée par une protection interne du moteur, des clapets de haute efficacité et par un moteur ayant un fort couple de démarrage.



EXEMPLES :
MT 64 - 4I MT 64, emballage individuel (I), code tension 4, version standard
MT 64 - 4VI MT 64, emballage individuel (I), code tension 4, version VE (V)
MT 64 - 4M MT 64, emballage multiple (M), code tension 4, version standard
MT 64 - 4VM MT 64, emballage multiple (M), code tension 4, version VE (V)
 Emballage individuel : emballage intégrant un seul compresseur.
 Emballage multiple : emballage spécifique intégrant plusieurs compresseurs pour réaliser une palette complète (le nombre de compresseurs par palette dépend du type de compresseur; se référer au chapitre conditionnement - emballage p 27).

RÉFÉRENCE TECHNIQUE (INDIQUÉE SUR LA PLAQUE SIGNALÉTIQUE DU COMPRESSEUR)



VERSIONS



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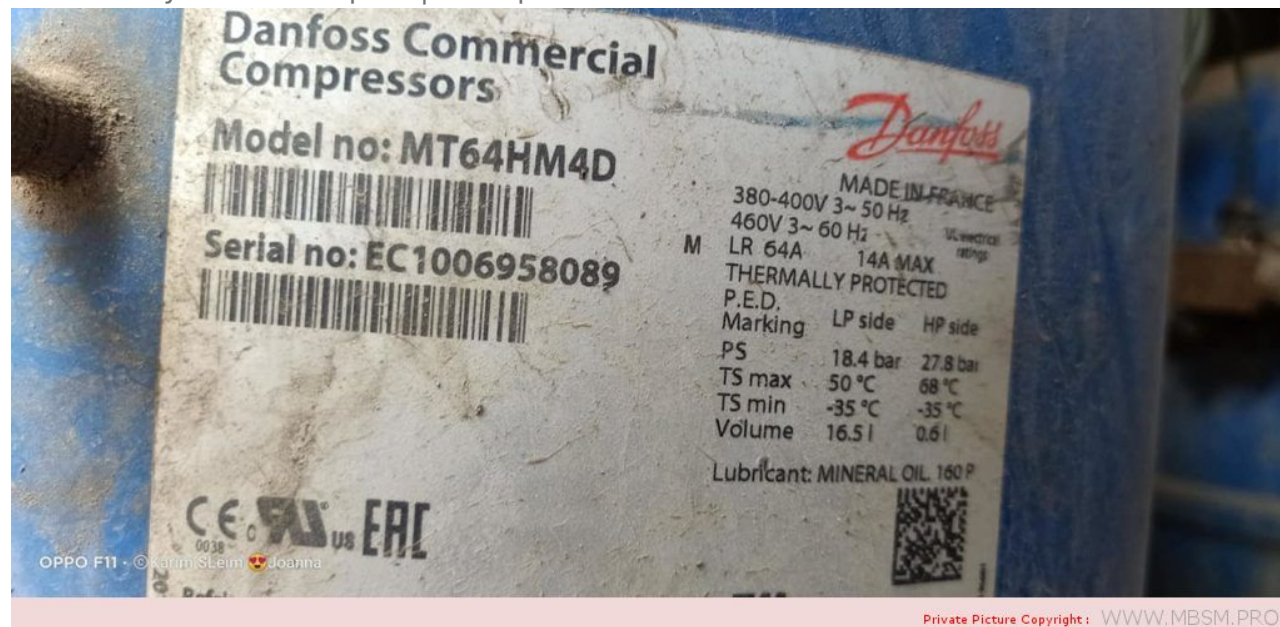


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Danfoss, Reciprocating, compressors, MT / MTZ / NTZ, MT64HM4DVE, R22, 5HP / hp, 3,9KW, 15A

Category: compressor

written by www.mbsm.pro | 21 April 2021



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MT64HM4DVE Compresseur Danfoss Meyo Paramètres détaillés:

Nombre nominal de chevaux: 5HP / hp
 Puissance nominale: 3,9KW
 Courant de démarrage à rotor bloqué: 67A
 Courant de travail: 15A
 Cylindrée: 107,71 cm³ / tr
 interface filetée d'aspiration: 1 "3/4
 rangée Interface de filetage d'air: 1 "3/4
 taille du tuyau d'aspiration: 7/8"
 taille du tuyau d'échappement: 3/4 "
 vitesse: 2900 tr / min
 Poids net: 37 kg

Detailed Product Description

MT Series	R22	Type:	Hermetic
Refrigerant:			Reciprocating
			Compressor
Phase:	1PH,3PH	Application	Middle High
Horse Power:	1.5HP To 13.3HP	Temp.:	Temperature
Voltage:	380-400 -460V	Frenquency:	50HZ 60HZ
	For Commercial	Colour:	Blue
Usage:	Refrigeration And Air		
	Conditioning		

R22 Danfoss Maneurop Hermetic compressor MT64HM3DVE France Maneurop Piston Reciprocating compressor

Danfoss Maneurop NTZ series compressors are hermetic reciprocating type and designed for low evaporating temperature applications. Refrigerant: R404A/R507A
Models: NTZ048/NTZ068/NTZ096/NTZ108/NTZ136/NTZ215/NTZ...

Danfoss Maneurop MT/MTZ series compressors are hermetic reciprocating type and designed for Medium and High evaporating temperature applications.

Refrigerant: R22, R407C, R134A, R404A

380-400V/3~/50Hz and 460V/3~/60Hz

Models: MT/MTZ018 MT/MTZ022 MT/MTZ028... MT/MTZ320

Danfoss Maneurop MPZ series compressors are hermetic reciprocating type and designed for Medium and High evaporating temperature applications.

Refrigerant: R404A/R507A

Models: MPZ2038/MPZ2048/MPZ2054/MPZ2061/MPZ2068

Danfoss Maneurop Commercial Hermetic Scroll Compressor MT64HM4DVE

Specification:

Maneurop MT/MTZ series compressors are of the hermetic reciprocating type and are designed for Medium and high evaporating temperature applications.

There are 26 different models with displacement ranging from 30-543cm³/rev.

Our Maneurop compressors are for 50Hz, motor code is 4, can be used for R22/R407C/R134a/R404A/R507

1. Piston /reciprocating type compressors.
2. Voltage is 50Hz
3. The refrigerant are R22/R407C/R134a/R404A/R507
4. There are MT/MTZ series
5. Original from France.
6. Capacity: 1.5HP~13HP, High efficiency, Low noise

1. MT series for R134a

2. MTZ series for R407c/134a

1. 50 Hz

2. Imported from France.

3. R22 Rated condition: 50Hz/400V

superheat: 11.1K

subcooling 8.3K condensing temp: 54.4°C

4. R407C Rated condition : 50Hz 400V

superheat: 11.1K

subcooling 8.3K condensing temp: 54.4°C

evaporating temp. 7.2°C

refrigeration and power input ±5%

We can supply more Danfoss compressor models as below:

MODEL (R22)	MODEL (R404A)	NTZ series
MT18-4VM	MTZ18-4VM	NTZ048A4LR1A
MT22-4VM	MTZ22-4VM	NTZ068A4LR1A
MT28-4VM	MTZ28-4VM	NTZ096A4LR1A
MT32-4VM	MTZ32-4VM	NTZ108A4LR1A
MT36-4VM	MTZ36-4VM	NTZ136A4LR1A
MT40-4VM	MTZ40-4VM	NTZ215A4LR1A
MT44-4VM	MTZ44-4VM	NTZ271A4LR1A
MT50-4VM	MTZ50-4VM	
MT56-4VM	MTZ56-4VM	
MT64-4VM	MTZ64-4VM	
MT72-4VM	MTZ72-4VM	
MT80-4VM	MTZ80-4VM	
MT100-4VM	MTZ100-4VM	
MT125-4VM	MTZ125-4VM	
MT144-4VM	MTZ144-4VM	
MT160-4VM	MTZ160-4VM	

Model NO.	Nom HP	Displ. Cc/rev	Capacity R404a(w)	
			-10	-5
MTZ18-4VI	1.5	30.2	1580	2110
MTZ18-5VI	1.5	30.2	1580	2110
MTZ22-4VI	1.8	38.12	2270	2920
MTZ22-5VI	1.8	38.12	2270	2920
MTZ28-4VI	2.3	48.06	2880	3720
MTZ28-5VI	2.3	48.06	2880	3720
MTZ32-4VI	2.7	53.86	3230	4220
MTZ32-5VI	2.7	53.86	3230	4220
MTZ36-4VI	3	60.47	3800	4870
MTZ36-5VI	3	60.47	3800	4870
MTZ40-4VI	3.3	67.89	4280	5490
MTZ45-4VI	3.8	76.22	4420	5840
MTZ51-4VI	4.2	85.64	5290	6920
MTZ57-4VI	4.8	96.13	6060	7880
MTZ65-4VI	5.4	107.71	7080	9130
MTZ73-4VI	6.1	120.94	7960	10230
MTZ81-4VI	6.8	135.78	9160	11720
MTZ100-4VI	8.3	171.26	10390	13500
MTZ125-4VI	10.4	215.44	13650	17500
MTZ144-4VI	12	241.87	15740	20120
MTZ160-4VI	13.3	271.55	17690	22520

Compresseur à piston Danfoss Maneurop MT22JC5PVE (2.0HP / 1PH) Compresseur à piston Danfoss Maneurop MT22JC4AVE (2.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT28JC5PVE (2.3HP / 1PH) Compresseur à piston Danfoss Maneurop MT22JC4AVE (2.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT28JC5PVE (2.3HP / 1PH) Compresseur à piston Danfoss Maneurop 3PH (2.3HP / 1PH) 2.6HP / 1PH) Compresseur à piston Danfoss Maneurop MT32JF4DVE (2.6HP / 3PH); Compresseur à piston Danfoss Maneurop MT36JG5CVE (3.0HP / 1PH) Compresseur à piston Danfoss Maneurop MT36JG4FVE (3.0HP / 3PH) Compresseur à piston Danfoss Maneurop

MT40JH4EVE (3.3HP / 3PH) Danfoss Maneurop Compresseur à piston MT36JG4FVE (3.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT40JH4EVE (3.3HP / 3PH) Danfoss Maneurop Compresseur à piston MT36JG4FVE (3.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT40JH4EVE (3.3HP / 3PH) Compresseur à piston Danfoss Maneurop 3KFHB4 (3.6PH) 4.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT56HL4BVE (4. 6HP / 3PH) Compresseur à piston Danfoss Maneurop MT64HM4DVE (5.3HP / 3PH) Compresseur à piston Danfoss Maneurop MT72HN4AVE (6.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT80HP4AVE (6.6HP / 3PH) Compresseur à piston Danfoss Maneurop MT72HN4AVE (6.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT80HP4AVE (6.6HP / 3PH) Compresseur à piston Danfoss Maneurop 4.0 Compresseur à piston MT144HV4AVE (12,0HP / 3PH) Compresseur à piston Danfoss Maneurop MT160HW4EVE (13.3HP / 3PH) Compresseur à piston Danfoss Maneurop MTZ22JC5VE (2.0HP / 1PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ22JC4AVE (2.0HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ28JE5AVE (2,3 HP / 1PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ28JE4AVE (2,3 HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ32JF5AVE (2,6 CV / 1PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ32JF4BVE (2.6HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ36JG5AVE (3.0HP / 1PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ36JG4BVE (3.0HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ40JH4AVE (3,3 CV / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ50HK4CVE (4,0 CV / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ56HL4BVE (4,6 CV / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ64HM4CVE (5,3 HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ72HN4AVE (6,0 CV / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ80HP4AVE (6,6 CV / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ100HS4VE (8,3 CV / 3 PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ125HU4VE (10.0HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ144HV4AVE (12,0 HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop NTZ048A4LR1A (2.0HP / 3PH); [R134A, R404, R507] Compresseur à piston Danfoss Maneurop NTZ068A4LR1A (3,5 CV / 3PH); [R134A, R404, R507] Compresseur à piston Danfoss Maneurop NTZ096A4LR1A (4,5 CV / 3PH); [R134A, R404, R507] Compresseur à piston Danfoss Maneurop NTZ108A4LR1A (5,0 CV / 3PH); [R134A, R404, R507] Compresseur à piston Danfoss Maneurop NTZ136A4LR1A (6,5 CV / 3PH); [R134A, R404, R507] Compresseur à piston Danfoss Maneurop NTZ215A4LR1A (10,0 HP / 3PH); [R134A, R404, R507] Compresseur à piston Danfoss Maneurop NTZ271A4LR1A (13.0HP / 3PH); [R134A, R404, R507] COMPRESSEUR MANEUROP 2.0HP MT22 MANEUROPE 2.0HP MT22 COMPRESSEUR MANEUROP COMPRESSEUR MTZ-22JE-4VE R404A MANEUROPE 2.30HP MT28JE-5PVE MT28-5VI / MT28-5VM COMPRESSEUR MANEUROP 2.30HP MT28JE-5PVE MT28-5VI / MT28-5VM COMPRESSEUR MANEUROPEUR 2.30H5 / R404A) COMPRESSEUR MANEUROP 2.8HP MTZ32-5VM (R134a / R404A / R507) COMPRESSEUR MANEUROP MT32JF5MVE 2-3 / 4HP ((R22) COMPRESSEUR MANEUROP 3.0HP MT36JG4FVE (MT36-4VI / MT36-4VM) (R22) COMPRESSEUR 3.0HP COMPRESSEUR MT36 MANEUROP 3.3HP MT40JH4EVE COMPRESSEUR MANEUROP 3.3HP MTZ40-JH4AVE COMPRESSEUR (R407A / C / F / R134A / R404A / R507) Compresseur MANEUROP MTZ-36-JG4AVE (R407C / R134a / R404A-R407C / R134a / R404A) -Compresseur JH4AVE (R134a / R404A) – Compresseur 3.3HP 3PH MANEUROP MTZ-44-HJ4AVE (R134a / R404A) – 3. 5HP 3PH MANEUROP 4HP MTZ-50HK-4CVE (MTZ50-4VI / MTZ50-4VM) COMPRESSEUR (R134A / R404A) MANEUROP MTZ56HL3BVE R407c, R134a, R507a, R404a compresseur MANEUROP MT-64-4VM COMPRESSEUR MANEUR 64-4VM COMPRESSEUR

MANEUR COMPRESSEUR MT72-4VM COMPRESSEUR MANEUROP MT-80-4VM (6.5HP) Compresseur MANEUROP 6.6HP MT81HP4AVE COMPRESSEUR MANEUROP MTZ80HM4DVE COMPRESSEUR MANEUROP 8.5HP MT100-4VM COMPRESSEUR MANEUROPE 10HP MT100-4VM (MT100HS4DVE) COMPRESSEUR 10HP MT100-4VM (MT100HS4DVE) COMPRESSEUR MT12M10 MANHOP 4-COMPRESSEUR 10HP R22) COMPRESSEUR MANEUROP 10HP MTZ125HW4AVE (R404A / R134A / R507 / R407C) COMPRESSEUR MANEUROPE 12HP MT144-4VM COMPRESSEUR MANEUROPE 13.3HP MT160-4VM (MT160HW4DVE) COMPRESSEUR MANZVMER 10 COMPRESSEUR MANZVM4 (MT160HW4DVE) / 2 ') SER. KIT POUR MT-28 MANEUROP 7703009 (1-1 / 8 ' & 3/4 ') SER.

Product details

Gross weight 41.5 kg

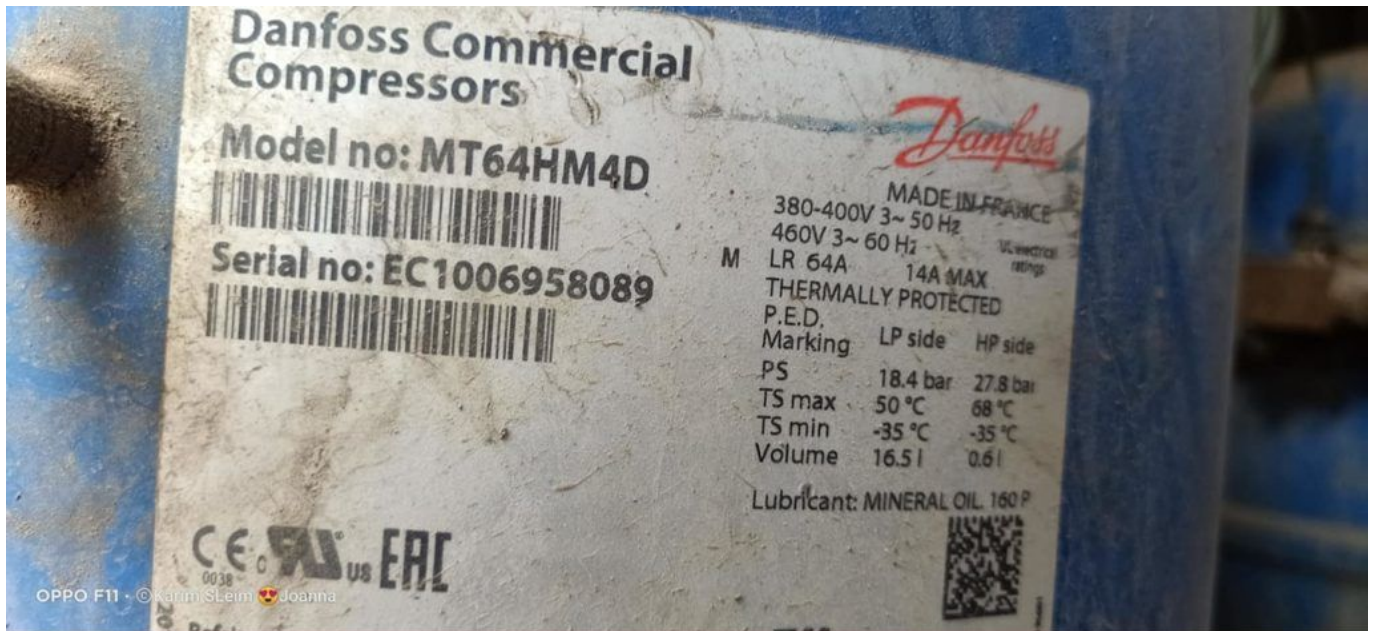
Net weight 39 kg

EAN 5702428661973

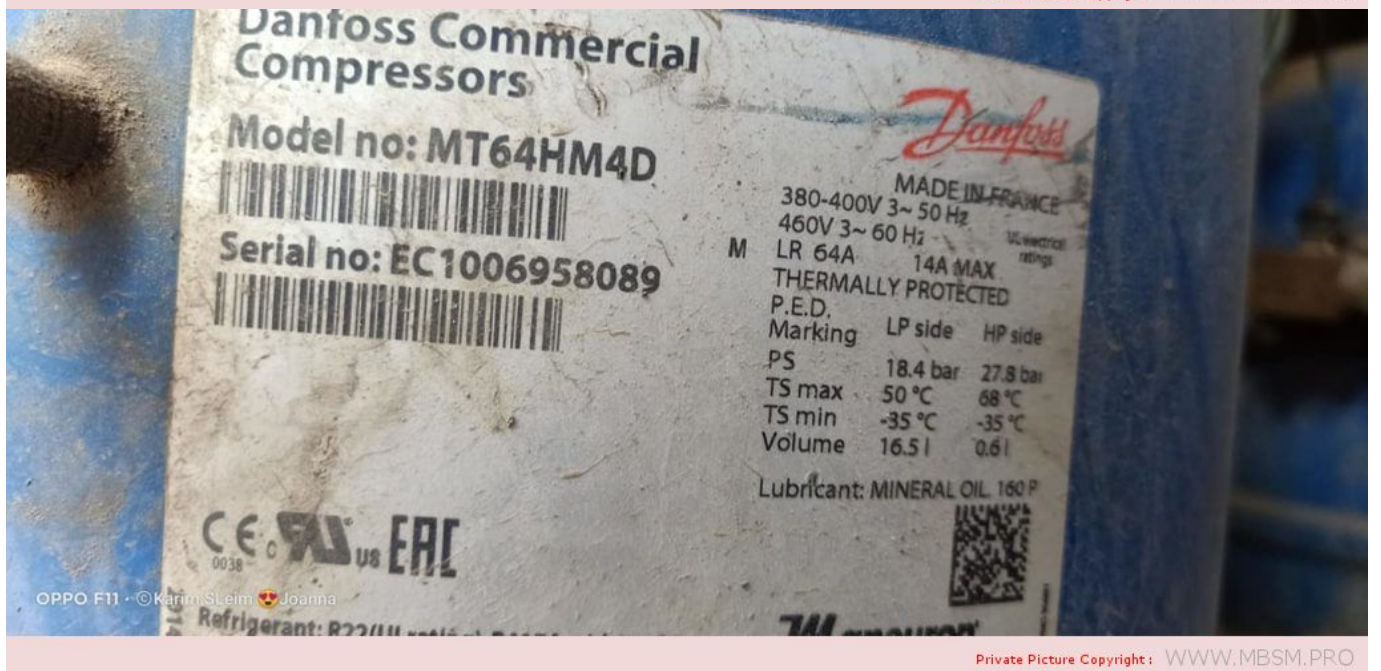
Approval standard	CCC CE UL
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
Colour	Blue
Compressor power supply [V/Ph/Hz]	400/3/50 460/3/60
Configuration code	Single
Connection type	Rotolock
Cylinder	2
Description	MT064-4
Diameter [mm]	288 mm
Discharge connection height [mm]	74 mm
Discharge connection mounting torque [Nm]	90 Nm
Discharge connection pipe size [in]	3/4 in
Discharge connection rotolock size [in]	1 1/4 in
Discharge connection size [in]	1 1/4 in
Discharge connection sleeve pipe size [in]	3/4 in
Drawing number	8502012g
Economizer	No
Factory HP [bar]	25 bar
Factory LP [bar]	25 bar
Fitting remark	(shipped with rotolock version only)
Fitting sleeve	ODF
Fitting standard	Rotolock
Frequency [Hz]	50/60
Gauge port HP	None

Gauge port LP	Schrader
Generation code	E
Glass mounting	Threaded
Glass torque [Nm]	50 Nm
GP LP torque [Nm]	15 Nm
High side max pressure (Ps)	27.8 bar
High Side TS Max	150 °C
High Side TS Min	-35 °C
High Side Volume	0.6 L
High value of nominal voltage at 50Hz [V]	400 V
High value of nominal voltage at 60Hz [V]	460 V
High value of voltage range at 50Hz [V]	460 V
High value of voltage range at 60Hz [V]	506 V
IP protection class	IP55 (with cable gland)
Low side max pressure (Ps)	18.4 bar
Low Side TS Max	50 °C
Low Side TS Min	-35 °C
Low Side Volume	16.5 L
Low value of nominal voltage at 50Hz [V]	380 V
Low value of nominal voltage at 60Hz [V]	460 V
Low value of voltage range at 50Hz [V]	340 V
Low value of voltage range at 60Hz [V]	414 V
LRA	64 A
MCC	14 A
Model number	MT64HM4DVE
Motor protection	Internal overload protector
Mounting torque [Nm]	15 Nm
Nominal cooling capacity 60 kBTU/h	64.51 kBTU/h
Nominal cooling capacity at 50Hz	14.4 kW
Nominal cooling capacity at 60Hz	18.9 kW
Number of starts per hour [Max]	12
Oil charge [L]	1.8 L
Oil equalization	3/8" flare SAE
Oil equalization torque [Nm]	30 Nm
Oil reference	160P
Packaging height [mm]	550 mm
Packaging length [mm]	1150 mm
Packaging weight [Kg]	254 kg
Packaging width [mm]	800 mm
Packing format	Industrial pack
Packing quantity	6
Phase	3
Power connections	Spade
Refrigerant	R22
Refrigerant charge [kg] [Max]	5 kg
Relief valve	30 bar/8 bar

Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	3500 rpm
Segment usage	Air conditioning Refrigeration MT
Shipped fittings	Suction and discharge solder sleeves, rotolock nuts and gaskets
Shipped instructions	Installation instructions
Shipped mounting	Mounting kit with grommets, bolts, nuts, sleeves and washers
Shipped oil	Initial oil charge
Suction connection height [mm]	265 mm
Suction connection mounting torque [Nm]	110 Nm
Suction connection pipe size [in]	7/8 in
Suction connection rotolock size [in]	1 3/4 in
Suction connection size [in]	1 3/4 in
Suction connection sleeve pipe size [in]	7/8 in
Swept volume [cm ³]	107.71 cm ³
Technology	Reciprocating
Test dif [bar] [Max]	30 bar
Test HP [bar] [Max]	30 bar
Test LP [bar] [Max]	25 bar
Torque earth [Nm]	3 Nm
Torque power [Nm]	3 Nm
Total height [mm]	413 mm
Type	MT
Type designation	Compressor
Viscosity [cP]	32 cP
Winding resistance for three-phase compressors with identical windings [Ohm]	2.44 Ohm



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Product : Compressor
 产地: 法国制造
 Plant : Made in France
 客户: 丹佛斯自动控制管理(上海)有限公司
 Customer service: Danfoss Automatic Controls Management (Shanghai) Co.Ltd
 地址电话: 上海市宜山路900号科技大楼C楼20层200233 / (021)61513000
 Address/Tel: 20th Floor Block C, Hi-Tech Building
 900 Yi Shan Road Shanghai 200233 / (021)61513000
 警告: 只有具备一定经验和安全程序
 培训的授权人员才可以进行安装和维修。
 Warning: The installation and maintenance
 should be performed by the authorized
 person only



Danfoss Commercial Compressors



型号: MT64HM4DVE

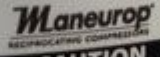
 序列号: EC1006983516


产地法国
 380-400V 3~ 50 Hz
 460V 3~ 60 Hz
 额定电流: 6.4A 最大工作电流: 1.4A
 过热保护
 低压倒
 最高额定压力 18.4 bar
 最高额定温度 50 °C
 最低额定温度 -35 °C

润滑油: MINERAL OIL 160 P



R134a 制冷剂: R22 或 R417A 仅和 160PZ



WARNING

Installation and servicing shall be performed by trained personnel only. Failure to observe these safety warnings could result in personal injury or death.
 1. Before opening the cover, turn off power before removing the charge of capacitor.
 2. Before removal of cover in place and securely fastened whenever power is applied to the compressor. Use this equipment on a grounded system only.
 3. This unit contains refrigerant and oil under pressure. Release pressure from both the high and low side before opening cover safety cap.
 4. Do not touch the hot surface of the compressor.



CAUTION

Use only manufacturer's approved refrigerants, lubricants, and electrical components. Unauthorized refrigerants / lubricant / electrical component could cause fire, explosion, electrical shorting.
 For details refer to multi language instruction and technical documents available on Danfoss website at www.danfoss.com



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0937 217 184

MT64-4VM
KE1008211296
MT64HM4DVE

产品名称: 制冷压缩机
Product: Compressor
产地: 法国制造
Plant: Made in France
代理商: 丹佛斯自动控制管理(上海)有限公司
Customer service: Danfoss Automatic Control Management (Shanghai) Co.Ltd
地址电话: 上海市宝山顾900号科技大楼3楼30233 / (021) 61512000
Address/te: 900 Yi Shan Road Shanghai 200233 / (021) 61512000
警告: 只有具备一定技能和安全教育于
熟练的维修人员才可以进行安装和维修。
Warning: The installation and maintenance
should be performed by the authorized
person only.

Compressor

Model no: MT64HM4DVE
Serial no: KE1008211296

MADE IN FRANCE

M	380-400V 3~ 50Hz	143.5kVA
	480V 3~ 60Hz	143.5kVA
	1.9 64.0A	Thermally protected
	P.E.D.	LP Side HP Side
Marking	18.40 bar	27.20 bar
TS Max	21.9 °C	102.0 °C
TS Min	-23.9 °C	55.0 °C
Volume	16.1 l	64.1 l
Lubricant	Mineral oil TROP	

CE, ENEC, ERE, CBSE

Refrigerant: R22/R410A / R417A with TROP

WARNING CAUTION



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[Mbsm_dot_pro_private_PDF_MT64HM4DVE-5Télécharger](#)

COMPRESSEUR, DANFOSS, SECOP, NL7.3MF,
105G6772 195B0370, 105G, 6773, R134a,
1/5 Hp, cylindrée 7.27 cc,
displacement 7.27 cc, MBP

Category: compressor

written by www.mbsm.pro | 21 April 2021



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COMPRESSEUR, DANFOSS, SECOP, NL7.3MF, 105G6772 195B0370, 105G, 6773, R134a, 1/5 Hp, cylindrée 7.27 cc, déplacement 7.27 cc, MBP