

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

written by Lilianne | 8 January 2021

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 fileté 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 Refrigerant:	R22	Type:	Hermetic Reciprocating Compressor
Phase:	1PH,3PH	Applcation Temp::	Middle High Temperature
Horse Power:	1.5HP To 13.3HP	Frenquency:	50HZ 60HZ
Voltage:	380-400 -460V	Colour:	Blue
Usage:	For Commercial 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

Model: 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 Maneurop4.0 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 MTZ160HE4AVE (13,3 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

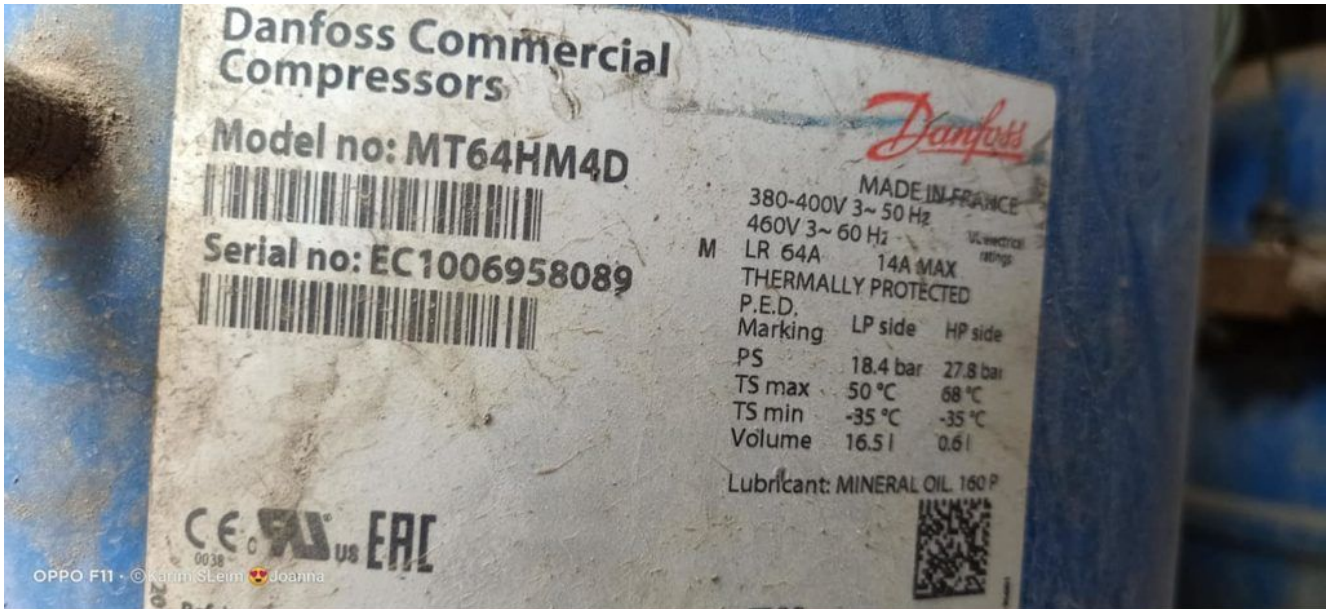
Approval standard	CCC CE UL
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
Colour	Blue

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

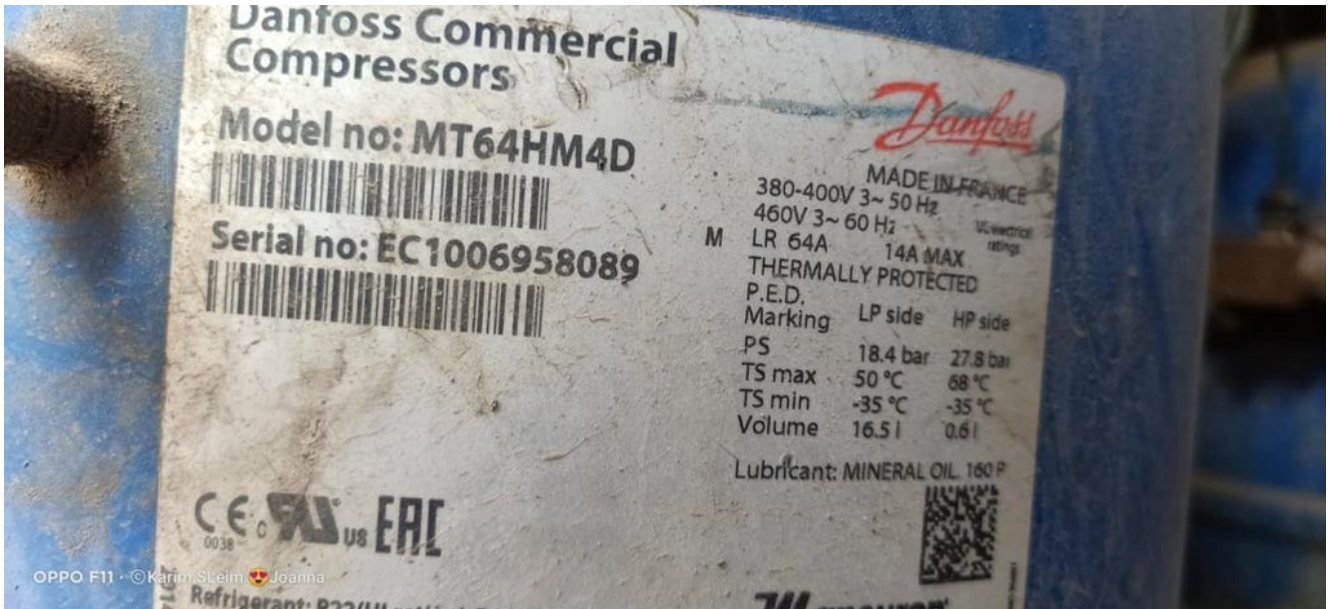
High side max pressure (Ps)	27.8 bar
High Side TS Max	150 °C
High Side TS Min	-35 °C
High Side Volume	0.6 L
High value of nominal voltage at 50Hz [V]	400 V
High value of nominal voltage at 60Hz [V]	460 V
High value of voltage range at 50Hz [V]	460 V
High value of voltage range at 60Hz [V]	506 V
IP protection 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 [cm³]	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



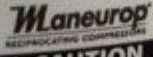
型号: MT64HM4DVE
 序列号: EC1006983516

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
 低压侧
 最高允许压力 18.4 bar
 最高允许温度 50 °C
 最低允许温度 -35 °C

润滑油: MINERAL OIL 160 P



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 serious injury or death.
 ELECTRICAL SHOCK HAZARD: Turn off power before servicing. Observe all warnings.
 Mechanical parts rotate and severely lacerate whenever equipment is running. Use the equipment as a instructed only.
 High pressure refrigerant and oil under pressure may become projectiles from high and low side before the machine is fully stopped.
 Do not touch the rotating parts.

CAUTION
 Use only manufacturer's approved refrigerants, lubricants, and electrical components. Unauthorized refrigerants / lubricants / electrical component could cause fire, explosion, electrical shorting.
 For details refer to multi language instruction book and technical documentation available at Danfoss website at <http://www.danfoss.com>.



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0937 217 184

MT64-4V58
KE1008211296
MT64HM4DVE

产品名称: 制冷压缩机
Product: Compressor
产地: 法国制造
Made in France
经销商: 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-楼20层200233/(021) 61121000
Address Tel: 2001 Floor Block C 90 Tech Building
900 No. Baoshan Road Shanghai 200233 (021) 61121000
警告: 只有具备一定资质的安全技术人员才能进行安装和维修。
Warning: The installation and maintenance should be performed by the authorized person only.

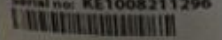


Compressor

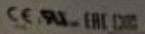


Model no: MT64HM4DVE

Serial no: KE1008211296



M 380-420V 3-20Hz
440V 3-60Hz 1AX-MAX
L.R.H.A.S.
Thermally protected
P.L.D.
Marking LP Side HP Side
PS 18.40 bar 23.50 bar
T1 Max 91.6 °C 93.7 °C
T2 Min 24.9 °C 31.7 °C
Volume 96.1 96.1
Lubricant Mineral oil 180P



Refrigerant R22/R410A rating: R417A with 140PZ



WARNING **CAUTION**

Read the instructions carefully before using the product.
The product is not to be used for purposes other than those intended.
The product is not to be used in a way that could cause damage to property or injury to persons.
The product is not to be used in a way that could cause environmental damage.
The product is not to be used in a way that could cause noise or vibration.
The product is not to be used in a way that could cause electromagnetic interference.
The product is not to be used in a way that could cause fire or explosion.
The product is not to be used in a way that could cause other hazards.
The product is not to be used in a way that could cause other hazards.



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