

**Mbsm.pro, Scroll, Danfoss,  
HRP051T4LP6, compressors,  
Hermetic, 49.15 kBtu/h, R22,  
R407C, 4 1/4Hp, 3Ph, POE, Lra  
60A**

written by Lilianne | 5 January 2022

bsm.pro, Scroll, Danfoss, HRP051T4LP6, compressors, Hermetic,  
49.15 kBtu/h, R22, R407C, 4 1/4Hp, 3Ph, POE, Lra 60A

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**Mbsm.pro, Danfoss,  
Compressor, SM160T4RC,  
SM-160, 13hp, 3ph, R22,  
133500BTU**

written by Lilianne | 5 January 2022

SM160T4RC

## **Basic Info.**

Model NO.Sm160N.W.90kgTransport PackagePackage: Wooden  
Case/Pallet or as Your RequirmentSpecificationSM series  
SM090TrademarkperfomerOriginFranceHS Code8414301300Production  
Capacity50000 Sets/Year

# Product Description

SM-160 Performer Scroll compressor for R22  
 13HP Performer Scroll Compressor SM160

SPECIFICATIONS FOR SM160			
Products Details	Models: SM160	Type	Hermetic
Power	Phase	3	
Horse Power	HP	13	
Main performance parameters	Input Power	W	380-420/3/60
REFRIGRANT		R22	
SIZE		54.0/35.0	
Physcial parameters	Hight	MM	353
Weight	KG	90	
Q'ty / Pallet	PIECE	6	

Product Description

5.Techincal sheet as below:

50Hz Data										
Model	Nominal Cap.60HZ	Nominal cooling capacity	Power input	Cop	E.E.R.	Swept Volume	Displacement	Oil charge	N.W.	
TR	W	Btu/h	KW	W/W	Btu/h/W	cm/rew	m/h	dm	kg	
SM084	7	20400	69600	6.12	3.33	11.4	114.5	19.92	3.3	64
SM090	7.5	21800	74400	6.54	3.33	11.4	120.5	20.97	3.3	65
SM100	8	23100	79000	6.96	3.33	11.3	127.2	22.13	3.3	65
SM110	9	25900	88600	7.82	3.32	11.3	144.2	25.09	3.3	73
SM112	9.5	27600	94400	7.92	3.49	11.9	151.5	26.36	3.3	64
SM115	9.5	28000	95600	8.31	3.37	11.5	155	26.97	3.8	78
SM120	10	30100	102800	8.96	3.36	11.5	166.6	28.99	3.3	73
SM124	10	31200	106300	8.75	3.56	12.2	169.5	29.5	3.3	64

SM125	10	30100	102800	8.93	3.37	11.5	166.6	28.99	3.8	78
SM147	12	36000	123000	10.08	3.58	12.2	193.5	33.7	3.3	67
SM148	12	36100	123100	10.8	3.34	11.4	199	34.6	3.6	88
SM160	13	39100	133500	11.6	3.37	11.5	216.6	37.69	4	90
SM161	13	39000	133200	11.59	3.37	11.5	216.6	37.69	3.6	88
SM175	14	42000	143400	12.46	3.37	11.5	233	40.54	6.2	100

## Product details

<b>Gross weight</b>	102 kg
<b>Net weight</b>	90 kg
<b>EAN</b>	5702428980432

<b>Approval standard</b>	CE UL
<b>Brand technique</b>	After sale
<b>Capacity control</b>	Fixed speed
<b>Colour</b>	Blue
<b>Compressor power supply [V/Ph/Hz]</b>	400/3/50 460/3/60
<b>Configuration code</b>	Single
<b>Connection type</b>	Rotolock
<b>Description</b>	SM160-4
<b>Diameter [mm]</b>	266 mm
<b>Discharge connection height [mm]</b>	596 mm
<b>Discharge connection mounting torque [Nm]</b>	110 Nm
<b>Discharge connection pipe size [in]</b>	7/8 in
<b>Discharge connection rotolock size [in]</b>	1 3/4 in
<b>Discharge connection size [in]</b>	1 3/4 in
<b>Discharge connection sleeve pipe size [in]</b>	7/8 in

<b>Drawing number</b>	8551120b
<b>Economizer</b>	No
<b>Factory HP [bar]</b>	33 bar
<b>Factory LP [bar]</b>	25 bar
<b>Fitting remark</b>	(shipped with rotolock version only)
<b>Fitting sleeve</b>	ODF
<b>Fitting standard</b>	Rotolock
<b>Frequency [Hz]</b>	50/60
<b>Gauge port HP</b>	None
<b>Gauge port LP</b>	Schrader
<b>Generation code</b>	C
<b>Glass mounting</b>	Threaded
<b>Glass torque [Nm]</b>	50 Nm
<b>GP LP torque [Nm]</b>	15 Nm
<b>High side max pressure (Ps)</b>	30.2 bar
<b>High Side TS Max</b>	150 °C
<b>High Side TS Min</b>	-35 °C
<b>High Side Volume</b>	1.7 L
<b>High value of nominal voltage at 50Hz [V]</b>	400 V
<b>High value of nominal voltage at 60Hz [V]</b>	460 V
<b>High value of voltage range at 50Hz [V]</b>	440 V
<b>High value of voltage range at 60Hz [V]</b>	506 V
<b>IP protection class</b>	IP54 (with cable gland)
<b>Low side max pressure (Ps)</b>	25 bar
<b>Low Side TS Max</b>	63 °C
<b>Low Side TS Min</b>	-35 °C
<b>Low Side Volume</b>	16.5 L

<b>Low value of nominal voltage at 50Hz [V]</b>	380 V
<b>Low value of nominal voltage at 60Hz [V]</b>	460 V
<b>Low value of voltage range at 50Hz [V]</b>	342 V
<b>Low value of voltage range at 60Hz [V]</b>	414 V
<b>LRA</b>	150 A
<b>Maximum Operating Current [MOC]</b>	29 A
<b>MMT</b>	29 A
<b>Model number</b>	SM160T4RC
<b>Motor protection</b>	Internal thermostat, ext. overload protector needed
<b>Mounting torque [Nm]</b>	21 Nm
<b>Nominal cooling capacity 60 kBTU/h</b>	163.14 kBtu/h
<b>Nominal cooling capacity at 50Hz</b>	35.3 kW
<b>Nominal cooling capacity at 60Hz</b>	47.8 kW
<b>Number of starts per hour [Max]</b>	12
<b>Oil charge [L]</b>	4 L
<b>Oil drain</b>	1/4" flare
<b>Oil drain torque [Nm]</b>	35 Nm
<b>Oil equalization</b>	3/8" flare SAE
<b>Oil equalization torque [Nm]</b>	48 Nm
<b>Oil reference</b>	160P
<b>Oil type</b>	Mineral
<b>Packaging height [mm]</b>	671 mm
<b>Packaging length [mm]</b>	470 mm
<b>Packaging weight [Kg]</b>	671 kg
<b>Packaging width [mm]</b>	370 mm
<b>Packing format</b>	Single pack
<b>Packing quantity</b>	1

<b>Phase</b>	3
<b>Power connections</b>	Screw 4.8 mm
<b>Refrigerant</b>	R22
<b>Refrigerant charge [kg] [Max]</b>	12.5 kg
<b>Relief valve</b>	None
<b>Rotational speed at 50Hz [rpm]</b>	2900 rpm
<b>Rotational speed at 60Hz [rpm]</b>	3500 rpm
<b>Segment usage</b>	Air conditioning
<b>Shipped fittings</b>	Suction and discharge solder sleeves, rotolock nuts and gaskets
<b>Shipped instructions</b>	Installation instructions
<b>Shipped mounting</b>	Mounting kit with grommets, bolts, nuts, sleeves and washers
<b>Shipped oil</b>	Initial oil charge
<b>Suction connection height [mm]</b>	180 mm
<b>Suction connection mounting torque [Nm]</b>	130 Nm
<b>Suction connection pipe size [in]</b>	1 3/8 in
<b>Suction connection rotolock size [in]</b>	2 1/4 in
<b>Suction connection size [in]</b>	2 1/4 in
<b>Suction connection sleeve pipe size [in]</b>	1 3/8 in
<b>Swept volume [cm<sup>3</sup>]</b>	216.6 cm <sup>3</sup>
<b>Technology</b>	Scroll
<b>Test dif [bar] [Max]</b>	24 bar
<b>Test HP [bar] [Max]</b>	32 bar
<b>Test LP [bar] [Max]</b>	25 bar

<b>Torque earth [Nm]</b>	2 Nm
<b>Torque Ebox cover [Nm]</b>	2.3 Nm
<b>Torque power [Nm]</b>	3 Nm
<b>Total height [mm]</b>	631 mm
<b>Type</b>	SM
<b>Type designation</b>	Compressor
<b>Viscosity [cP]</b>	32 cP
<b>Winding resistance for three-phase compressors with identical windings [Ohm]</b>	0.94 Ohm

 **Performer**  
SCROLL COMPRESSOR

MODEL: SM160T4RC

G



SERIAL: TC11 5414465



THERMALLY PROTECTED SYSTEM

SYSTEME DE PROTECTION THERMIQUE

460 V 3 ~ 60 Hz  
29 A Max

380-400 V 3 ~ 50 Hz  
LR 150 A



P.E.D.  
Marking  
L.P. side

Ps = 25 bar  
Ts max = 63 °C  
Ts min = -35 °C

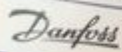


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LUBRICANT: MINERAL OIL 160P

**CAUTION** Use of hydrocarbons is not approved by the manufacturer  
**ATTENTION** L'utilisation d'hydrocarbures n'est pas autorisée par le fabricant

REFRIGERANT: R22



Danfoss Commercial  
Compressors

MADE IN FRANCE 250P

Manufactured under one or more of the following US or French patents  
and foreign counterparts thereto.  
US: 4840545, 4415317 French: 8906292, 8202323

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# Mbsm.pro, Compressor, Hermetic, Tecumseh, AEZ9440T, R22, 1/3 hp++, MHBP

written by Lilianne | 5 January 2022

## Basic Info.

Model NO.AEZ9440TLubrication StyleLubricatedCooling SystemAir CoolingCylinder ArrangementBalanced Opposed ArrangementCylinder PositionHorizontalStructure TypeClosed TypeCompress LevelSingle-StageRefrigerant TypeFreonTypeReciprocatingPerformanceLow NoiseDrive ModeElectricPower SourceAC PowerConfigurationStationaryMaterialCopperPiston TypeClosedTrademarkTecumseh HermetiqueTransport PackagePalletSpecificationCE / RoHsOriginChinaHS Code8414301900

## Product Description

Tecumseh Hermetique R134a / R404a/ R22 reciprocating compressor

Hermetique R22 HBP								
For Air Conditioning Applications.								
Features:								
Anti Vibration mounts supplied								
Charged with mineral oil and dry nitrogen								
Crankcase heater on TAG models								

Fan cooling required on all models									
Specifications:									
Capacity Rating Basis: 35°C Ambient, 11K Return Gas Superheat, 54.5°C Condensing, 46.2°C Liquid entering Expansion Valve.									
Current FLA are given at nominal voltage, rated conditions and 7.2°C Evaporating Temperature.									
Motor Types:									
PSC = Permanent Split Capacitor, 1 Phase, 50 Hz. 220-240 Volt									
3Ø: 3 Phase, 50 Hz, 400 Volt									
Expansion Device:									
C = Capillary Tube									
C/V = Capillary Tube or Expansion Valve									
R22 Hermetic									
Model No.	Nominal HP	Displ. cm <sup>3</sup> /rev	Motor Type	Nominal Current FLA	Exp. Device	Oil Charge cm <sup>3</sup>	Connections: inches		
cm <sup>3</sup>	Discharge	Proc.							
AE 5465E	1/2	12.05	PSC	3.2	C	450	3/8 Tube	1/4 Tube	3/8 Tube
AJ 5510F	3/4	18.6	PSC	5.2	C	887	3/8 Tube	1/4 Tube	1/4 Tube
AJ 5512E	1	21.75	PSC	5.9	C	887	3/8 Tube	1/4 Tube	1/4 Tube
AJ 5513E	1	24.2	PSC	6	C	887	3/8 Tube	1/4 Tube	1/4 Tube
AJ 5515E	1 1/4	25.95	PSC	7.2	C	887	1/2 Tube	5/16 Tube	1/4 Tube
AJ 5518E	1 1/2	32.7	PSC	9.3	C	887	1/2 Tube	5/16 Tube	1/4 Tube
AJ 5519E	1 1/2	34.45	PSC	9.96	C	887	1/2 Tube	5/16 Tube	1/4 Tube

FH 5522E	1 3/4	39.95	PSC	9	C	1330	5/8 Tube	3/8 Tube	5/16 Tube
TFH 5522E	1 3/4	39.95	3Ø	3.8	C/V	1330	5/8 Tube	3/8 Tube	5/16 Tube
FH 5524E	2	43.5	PSC	10	C	1330	5/8 Tube	3/8 Tube	5/16 Tube
TFH 5524E	2	43.5	3Ø	4	C/V	1330	5/8 Tube	3/8 Tube	5/16 Tube
FH 5527E	2 1/4	49.1	PSC	12	C	1330	5/8 Tube	3/8 Tube	5/16 Tube
TFH 5527E	2 1/4	49.1	3Ø	4.2	C/V	1330	5/8 Tube	3/8 Tube	5/16 Tube
FH 5531E	2 1/2	56.65	PSC	14.1	C	1330	3/4 Tube	3/8 Tube	5/16 Tube
TFH 5531E	2 1/2	56.65	3Ø	8	C/V	1330	3/4 Tube	3/8 Tube	5/16 Tube
FH5540E	3	74.25	PSC	18.6	C	1330	3/4 Tube	3/8 Tube	5/16 Tube
TFH 5540E	3	74.25	3Ø	6	C/V	1330	3/4 Tube	3/8 Tube	5/16 Tube
TFH 5540E	3	74.25	3Ø	6	C/V	1330	78	1/2 Valve	5/16 Tube
TAG 5546E	3 3/4	90.2	3Ø	6.6	C/V	1960	7/8 Tube	1/2 Tube	3/8 Tube
TAG 5553E	4	100.7	3Ø	7.4	C/V	1960	7/8 Tube	1/2 Tube	3/8 Tube
TAG 5561E	5	112.5	3Ø	9	C/V	1960	7/8 Tube	1/2 Tube	3/8 Tube
TAG 5568E	6	124.4	3Ø	9.6	C/V	1960	7/8 Tube	1/2 Tube	3/8 Tube
TAG 5573E	6 1/2	134.8	3Ø	11	C/V	1960	7/8 Tube	1/2 Tube	3/8 Tube
Hermetique R22 M/HBP									
For Medium / High Temperature Applications									
Features:									
Anti-Vibration mounts supplied									
Charged with mineral oil and dry nitrogen									
Rotalock suction valve on CAJ/TAJ models									
Crankcase heater on FH/TFH and TAG models									
Oil sight glass on FH/TFH and TAG models									

Fan cooling required on all models								
All models suit capillary tube or expansion valve operation								
Rotalock suction and discharge valves on FH/TFH and TAG models								
Specifications:								
Capacity Rating Basis: 35°C Ambient, 11K Return Gas Superheat, 54.5°C Condensing, 46°C Liquid entering Expansion Valve.								
Current FLA are given at nominal voltage, rated conditions and 7.2°C evaporating temperature.								
Motor Types:								
CSIR: Capacitor start, Induction run } 1 Phase, 50 Hz, 220-240 Volt								
CSR: Capacitor start and run								
3Ø: 3 Phase, 50 Hz, 400 Volt								
Conversion: Watts x 3.412 = BTU/Hr BTU/Hr x 0.293 = Watts								
R22 Hermetic								
Model No.	Nominal HP	Displ. cm <sup>3</sup> /rev	Motor Type	Nominal Current FLA	Oil Charge cm <sup>3</sup>	Connections: inches		
Suction	Discharge							
AEZ 4425E	1/5	4.5	CSIR	1.75	450	1/4 Tube	3/16 Tube	
AEZ 4430E	1/4	5.7	CSIR	2.2	450	1/4 Tube	3/16 Tube	
AEZ 4440E	1/3	7.55	CSIR	2.6	450	1/4 Tube	3/16 Tube	
AEZ 9440T	1/3	7.55	CSR	2.03	450	3/8 Tube	1/4 Tube	
CAE 4450E	3/8	9.4	CSIR	3.3	450	3/8 Tube	1/4 Tube	

CAE 9450T	3/8	9.5	CSR	2.6	450	3/8 Tube	1/4 Tube		
CAE 9460T	1/2	11.3	CSR	3.2	450	3/8 Tube	1/4 Tube		
CAJ 9408T	5/8	15.2	CSR	3.68	887	1/2 Valve	5/16 Tube		
CAJ 9510T	1	18.3	CSR	4.8	887	5/8 Valve	5/16 Tube		
CAJ 9513T	1 1/8	24.2	CSR	5.9	887	5/8 Valve	5/16 Tube		
CAJ 4517E	1 1/4	25.95	CSR	6.1	887	5/8 Valve	3/8 Tube		
TAJ 4517T	1 1/2	25.95	3Ø	2.5	887	5/8 Valve	3/8 Tube		
TAJ 4519T	1 1/2	34.45	3Ø	3.5	887	5/8 Valve	1/2 Valve		
FH 4524F	2	43.5	CSR	9.55	1480	5/8 Valve	1/2 Valve		
TFH 4524F	2	4.35	3Ø	3.9	1480	7/8 Valve	1/2 Valve		
FH 4531F	2 1/2	56.65	CSR	12.6	1480	7/8 Valve	1/2 Valve		
TFH4531F	2 1/2	56.65	3Ø	4.75	1480	7/8 Valve	1/2 Valve		
TFH 4540F	3	74.25	3Ø	6.08	1480	7/8 Valve	1/2 Valve		
TAG 4546T	4	90.2	3Ø	6.6	1960	7/8 Valve	5/8 Valve		
TAG 4553T	4 1/2	100.7	3Ø	7.4	1960	7/8 Valve	5/8 Valve		
TAG 4561T	5	112.5	3Ø	9	1960	1 7/8 Valve	5/8 Valve		
TAG 4568T	6	124.4	3Ø	9.6	1960	1 7/8 Valve	5/8 Valve		
TAG 4573T	6 1/2	134.8	3Ø	11	1960	1 7/8 Valve	5/8 Valve		
Tecumseh Hermetique R134a									
The world renowned L'Unite Hermetique compressors are manufactured by Tecumseh.									
Features:									
Charged with polyolester oil and dry nitrogen									
Crankcase heater on FH/TFH and TAG models									
Oil sight glass on FH/TFH and TAG models									
Rotalock valves are included for all valve connection compressors									
Anti-vibration mounts supplied									
Single Phase – Medium High SST									
Model No.	Nominal HP	Displacement: cm3/rev	Cooling	Oil Charge: ml					

CAJ4476Y	5/8	21.75	Fan	887					
CAJ4492Y	3/9	25.95	Fan	887					
CAJ4511Y	1	32.7	Fan	887					
FH4518Y	1 1/2	53.2	Fan	1480					
FH4525Y	2	74.25	Fan	1480					
Three Phase – Medium High SST									
Model No.	Nominal HP	Displacement: cm3/rev	Cooling	Oil Charge: ml					
TAJ4511Y	1	32.7	Fan	887					
TFH4518Y	1 1/2	53.2	Fan	1480					
TFH4525Y	2	74.25	Fan	1480					
TAG4528Y	2 1/2	90.2	Fan	1960					
TAG4534Y	2 3/4	100.7	Fan	1960					
TAG4537Y	3	112.5	Fan	1960					
TAG4543Y	3 1/2	124.4	Fan	1960					
Superceded Models									
Model No.	Nominal HP	Displacement: cm3/rev	Cooling	Oil Charge: ml					
AEZ4425Y	1/5	7.55	Fan	450					
AEZ4430Y	1/4	8.85	Fan	450					
CAE4440Y	3/8	12.05	Fan	450					
CAE4448Y	1/3	14.15	Fan	450					
CAJ4452Y	1/3	15.2	Fan	887					
CAE4456Y	1/2	16	Fan	450					
CAJ4461Y	1/2	18.3	Fan	887					
Tecumseh Hermetique R404A									
The world renowned L'Unite Hermetique compressors are manufactured by Tecumseh.									
Features:									
Charged with polyolester oil and dry nitrogen									
Crankcase heater on FH/TFH and TAG models									

Oil sight glass on FH/TFH and TAG models									
Rotalock valves are included for all valve connection compressors									
Anti-vibration mounts supplied									
Specifications:									
Capacity Rating Basis: 35°C Ambient, 11K Return Gas Superheat, 54.5°C Condensing, 46°C Liquid entering Expansion Valve.									
Current FLA are given at nominal voltage, rated conditions and 7.2°C Evaporating Temperature.									
Motor Types:									
CSIR: Capacitor Start, Induction Run 1 Phase, 50 Hz, 220-240 Volt									
CSR: Capacitor Start and Run									
3Ø: 3 Phase, 50 Hz, 400 Volt									
All models are also suitable for operation with R507									
Single Phase – Medium High SST									
Model No.	Nominal HP	Displacement: cm3/rev	Cooling	Oil Charge: ml					
CAJ9480Z	5/8	15.2	Fan	887					
CAJ9510Z	1	18.3	Fan	887					
CAJ9513Z	1 1/8	24.2	Fan	887					
CAJ4517Z	1 1/4	25.95	Fan	887					
CAJ4519Z	1 1/2	34.45	Fan	887					
FH4522Z	1 3/4	39.95	Fan	1480					
FH4524Z	2	43.5	Fan	1480					





Model No.	Nominal HP	Displacement: cm3/rev	Application: SST	Cooling	Oil Charge: ml				
Three Phase – Parallel Applications									
TAGP4546Z	4	90.2	Medium	Fan	1960				
TAGP4553Z	4 1/2	100.7	Medium	Fan	1960				
TAGP4561Z	5	112.5	Medium	Fan	1960				
TAGP4568Z	6	124.4	Medium	Fan	1960				
TAGP4573Z	6 1/2	134.8	Medium	Fan	1960				
TAGP2516Z	4	112.5	Low	Fan	1960				
TAGP2522Z	5 1/2	134.8	Low	Fan	1960				



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**MEDIUM/HIGH BAK PRESSURE COMPRESSORS**

Type	COMPRESSOR MODELS	Nominal Power (H.P.)			REFRIGERATION CAPACITY AT 50HZ Rafed 54.5°C Cond Temp (Watts)						VOLTAGE	
			Refrigerant	Displacement (cm <sup>3</sup> )	Evaporating Temperature							
					Oil charge (cm3)	-25°C	-15°C	-10°C	0°C	+7.2°C		+15°C
PISTON	AEZ4425E	1/5	R22	4.50	250	138	192	256	413	553	728	220-240V/1/50Hz
	AEZ4430E	1/4	R22	5.70	250	192	255	336	538	718	945	220-240V/1/50Hz
	AEZ3440E	1/3	R22	7.55	350	308	362	464	733	980	1298	220-240V/1/50Hz
	AEZ4440E	1/3	R22	7.55	350	308	362	464	733	980	1298	220-240V/1/50Hz
	AEZ9440T	1/3	R22	7.55	350	222	362	464	733	975	1302	220-240V/1/50Hz
	CAE4450E	3/7	R22	9.40	350	355	426	554	896	1212	1623	220-240V/1/50Hz
	CAE9450T	3/7	R22	9.40	350	256	426	554	896	1212	1623	220-240V/1/50Hz
	CAE9460T	1/2	R22	11.30	350	324	553	715	1134	1514	2000	220-240V/1/50Hz
	CAJ9480T TAJ9480T	5/8	R22	15.20	887	461	786	1011	1586	2103	2761	220-240V/1/50Hz 400V/3/50Hz
	CAJ9510T TAJ9510T	1	R22	18.30	887	545	956	1229	1909	2510	3266	220-240V/1/50Hz 400V/3/50Hz
	CAJ9513T TAJ9513T	1-1/8	R22	24.20	887	526	1074	1451	2411	3272	4366	220-240V/1/50Hz 400V/3/50Hz
	CAJ4517E TAJ4517T	1-3/4	R22	25.95	887	771	1233	1673	2727	3629	4743	220-240V/1/50Hz 400V/3/50Hz



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**Compressor, hermetic, medium temperature, 7 HP, r22, POE, MT80HP4, MT80 HP4, 400/3/50, 460/3/60 volt, 1-3/4" RL – 1-1/8" x 1-1/4" RL – 3/4"**

written by Lilianne | 5 January 2022

# Product details

<b>Gross weight</b>	41.58 kg
<b>Net weight</b>	39.1 kg
<b>EAN</b>	5702428839525

<b>Approval standard</b>	CE UL
<b>Brand technique</b>	Reciprocating compressor
<b>Capacity control</b>	Fixed speed
<b>Colour</b>	Blue
<b>Compressor power supply [V/Ph/Hz]</b>	400/3/50 460/3/60
<b>Configuration code</b>	Single
<b>Connection type</b>	Rotolock
<b>Cylinder</b>	2
<b>Description</b>	MT080-4
<b>Diameter [mm]</b>	288 mm
<b>Discharge connection height [mm]</b>	74 mm
<b>Discharge connection mounting torque [Nm]</b>	90 Nm
<b>Discharge connection pipe size [in]</b>	3/4 in
<b>Discharge connection rotolock size [in]</b>	1 1/4 in
<b>Discharge connection size [in]</b>	1 1/4 in
<b>Discharge connection sleeve pipe size [in]</b>	3/4 in
<b>Drawing number</b>	8502012g
<b>Economizer</b>	No

<b>Factory HP [bar]</b>	25 bar
<b>Factory LP [bar]</b>	25 bar
<b>Fitting remark</b>	(shipped with rotolock version only)
<b>Fitting sleeve</b>	ODF
<b>Fitting standard</b>	Rotolock
<b>Frequency [Hz]</b>	50/60
<b>Gauge port HP</b>	None
<b>Gauge port LP</b>	Schrader
<b>Generation code</b>	B
<b>Glass mounting</b>	Threaded
<b>Glass torque [Nm]</b>	50 Nm
<b>GP LP torque [Nm]</b>	15 Nm
<b>High side max pressure (Ps)</b>	27.8 bar
<b>High Side TS Max</b>	150 °C
<b>High Side TS Min</b>	-35 °C
<b>High Side Volume</b>	0.6 L
<b>High value of nominal voltage at 50Hz [V]</b>	400 V
<b>High value of nominal voltage at 60Hz [V]</b>	460 V
<b>High value of voltage range at 50Hz [V]</b>	460 V
<b>High value of voltage range at 60Hz [V]</b>	506 V
<b>IP protection class</b>	IP55 (with cable gland)
<b>Low side max pressure (Ps)</b>	18.4 bar
<b>Low Side TS Max</b>	50 °C
<b>Low Side TS Min</b>	-35 °C

<b>Low Side Volume</b>	16.5 L
<b>Low value of nominal voltage at 50Hz [V]</b>	380 V
<b>Low value of nominal voltage at 60Hz [V]</b>	460 V
<b>Low value of voltage range at 50Hz [V]</b>	340 V
<b>Low value of voltage range at 60Hz [V]</b>	414 V
<b>LRA</b>	80 A
<b>MCC</b>	18 A
<b>Model number</b>	MT80HP4AVE
<b>Motor protection</b>	Internal overload protector
<b>Mounting torque [Nm]</b>	15 Nm
<b>Nominal cooling capacity 60 kBTU/h</b>	80.2 kBtu/h
<b>Nominal cooling capacity at 50Hz</b>	17.8 kW
<b>Nominal cooling capacity at 60Hz</b>	23.5 kW
<b>Number of starts per hour [Max]</b>	12
<b>Oil charge [L]</b>	1.8 L
<b>Oil equalization</b>	3/8" flare SAE
<b>Oil equalization torque [Nm]</b>	30 Nm
<b>Oil reference</b>	160P
<b>Packaging height [mm]</b>	455 mm
<b>Packaging length [mm]</b>	395 mm
<b>Packaging weight [Kg]</b>	44 kg
<b>Packaging width [mm]</b>	365 mm
<b>Packing format</b>	Single pack
<b>Packing quantity</b>	1
<b>Phase</b>	3
<b>Power connections</b>	Spade
<b>Refrigerant</b>	R22

<b>Refrigerant charge [kg] [Max]</b>	5 kg
<b>Relief valve</b>	30 bar/8 bar
<b>Rotational speed at 50Hz [rpm]</b>	2900 rpm
<b>Rotational speed at 60Hz [rpm]</b>	3500 rpm
<b>Segment usage</b>	Air conditioning Refrigeration MT
<b>Shipped fittings</b>	Suction and discharge solder sleeves, rotolock nuts and gaskets
<b>Shipped instructions</b>	Installation instructions
<b>Shipped mounting</b>	Mounting kit with grommets, bolts, nuts, sleeves and washers
<b>Shipped oil</b>	Initial oil charge
<b>Suction connection height [mm]</b>	265 mm
<b>Suction connection mounting torque [Nm]</b>	110 Nm
<b>Suction connection pipe size [in]</b>	1 1/8 in
<b>Suction connection rotolock size [in]</b>	1 3/4 in
<b>Suction connection size [in]</b>	1 3/4 in
<b>Suction connection sleeve pipe size [in]</b>	1 1/8 in
<b>Swept volume [cm<sup>3</sup>]</b>	135.78 cm <sup>3</sup>
<b>Technology</b>	Reciprocating
<b>Test dif [bar] [Max]</b>	30 bar
<b>Test HP [bar] [Max]</b>	30 bar
<b>Test LP [bar] [Max]</b>	25 bar
<b>Torque earth [Nm]</b>	3 Nm
<b>Torque power [Nm]</b>	3 Nm



<b>Total height [mm]</b>	413 mm
<b>Type</b>	MT
<b>Type designation</b>	Compressor
<b>Viscosity [cP]</b>	32 cP
<b>Winding resistance for three-phase compressors with identical windings [0hm]</b>	1.94 0hm

Description

## Product details

<b>Gross weight</b>	44.5 kg
<b>Net weight</b>	42 kg
<b>EAN</b>	5702428839525
<b>Gross weight</b>	44.5 kg
<b>Net weight</b>	42 kg
<b>EAN</b>	5702428839525

<b>Approval standard</b>	CE UL
<b>Brand technique</b>	Reciprocating compressor
<b>Capacity control</b>	Fixed speed
<b>Colour</b>	Blue
<b>Compressor power supply [V/Ph/Hz]</b>	400/3/50 460/3/60
<b>Configuration code</b>	Single
<b>Connection type</b>	Rotolock
<b>Cylinder</b>	2
<b>Description</b>	MT080-4



<b>Diameter [mm]</b>	288 mm
<b>Discharge connection height [mm]</b>	74 mm
<b>Discharge connection mounting torque [Nm]</b>	90 N-m
<b>Discharge connection pipe size [in]</b>	3/4 in
<b>Discharge connection rotolock size [in]</b>	1 1/4 in
<b>Discharge connection size [in]</b>	1 1/4 in
<b>Discharge connection sleeve pipe size [in]</b>	3/4 in
<b>Drawing number</b>	8502012g
<b>Economizer</b>	No
<b>Factory HP [bar]</b>	25 bar
<b>Factory LP [bar]</b>	25 bar
<b>Fitting remark</b>	(shipped with rotolock version only)
<b>Fitting sleeve</b>	ODF
<b>Fitting standard</b>	Rotolock
<b>Frequency [Hz]</b>	50/60
<b>Gauge port HP</b>	None
<b>Gauge port LP</b>	Schrader
<b>Generation code</b>	B
<b>Glass mounting</b>	Threaded
<b>Glass torque [Nm]</b>	50 N-m
<b>GP LP torque [Nm]</b>	15 N-m
<b>High side max pressure (Ps)</b>	27.8 bar
<b>High Side TS Max</b>	150 Â°C
<b>High Side TS Min</b>	-35 Â°C
<b>High Side Volume</b>	0.6 L

<b>High value of nominal voltage at 50Hz [V]</b>	400 V
<b>High value of nominal voltage at 60Hz [V]</b>	460 V
<b>High value of voltage range at 50Hz [V]</b>	460 V
<b>High value of voltage range at 60Hz [V]</b>	506 V
<b>IP protection class</b>	IP55 (with cable gland)
<b>Low side max pressure (Ps)</b>	18.4 bar
<b>Low Side TS Max</b>	50 Â°C
<b>Low Side TS Min</b>	-35 Â°C
<b>Low Side Volume</b>	16.5 L
<b>Low value of nominal voltage at 50Hz [V]</b>	380 V
<b>Low value of nominal voltage at 60Hz [V]</b>	460 V
<b>Low value of voltage range at 50Hz [V]</b>	340 V
<b>Low value of voltage range at 60Hz [V]</b>	414 V
<b>LRA</b>	80 A
<b>MCC</b>	18.5 A
<b>Model number</b>	MT80HP4AVE
<b>Motor protection</b>	Internal overload protector
<b>Mounting torque [Nm]</b>	15 N-m
<b>Nominal cooling capacity 60 kBTU/h</b>	80.2 kBtu/h
<b>Nominal cooling capacity at 50Hz</b>	17.8 kW
<b>Nominal cooling capacity at 60Hz</b>	23.5 kW
<b>Number of starts per hour [Max]</b>	12
<b>Oil charge [L]</b>	1.8 L

<b>Oil equalization</b>	3/8" flare SAE
<b>Oil equalization torque [Nm]</b>	30 N-m
<b>Oil reference</b>	160P
<b>Packaging height [mm]</b>	455 mm
<b>Packaging length [mm]</b>	395 mm
<b>Packaging weight [Kg]</b>	44 kg
<b>Packaging width [mm]</b>	365 mm
<b>Packing format</b>	Single pack
<b>Packing quantity</b>	1
<b>Phase</b>	3
<b>Power connections</b>	Spade
<b>Refrigerant</b>	R22
<b>Refrigerant charge [kg] [Max]</b>	5 kg
<b>Relief valve</b>	30 bar/8 bar
<b>Rotational speed at 50Hz [rpm]</b>	2900 rpm
<b>Rotational speed at 60Hz [rpm]</b>	3500 rpm
<b>Segment usage</b>	Air conditioning Refrigeration MT
<b>Shipped fittings</b>	Suction and discharge solder sleeves, rotolock nuts and gaskets
<b>Shipped instructions</b>	Installation instructions
<b>Shipped mounting</b>	Mounting kit with grommets, bolts, nuts, sleeves and washers
<b>Shipped oil</b>	Initial oil charge
<b>Suction connection height [mm]</b>	265 mm
<b>Suction connection mounting torque [Nm]</b>	110 N-m

<b>Suction connection pipe size [in]</b>	1 1/8 in
<b>Suction connection rotolock size [in]</b>	1 3/4 in
<b>Suction connection size [in]</b>	1 3/4 in
<b>Suction connection sleeve pipe size [in]</b>	1 1/8 in
<b>Swept volume [cm<sup>3</sup>]</b>	135.78 cm <sup>3</sup>
<b>Technology</b>	Reciprocating
<b>Test dif [bar] [Max]</b>	30 bar
<b>Test HP [bar] [Max]</b>	30 bar
<b>Test LP [bar] [Max]</b>	25 bar
<b>Torque earth [Nm]</b>	3 N-m
<b>Torque power [Nm]</b>	3 N-m
<b>Total height [mm]</b>	413 mm
<b>Type</b>	MT
<b>Type designation</b>	Compressor
<b>Viscosity [cP]</b>	32 cP
<b>Winding resistance for three-phase compressors with identical windings [Ohm]</b>	1.94 Ohm
<b>Approval standard</b>	CE UL
<b>Brand technique</b>	Reciprocating compressor
<b>Capacity control</b>	Fixed speed
<b>Colour</b>	Blue
<b>Compressor power supply [V/Ph/Hz]</b>	400/3/50 460/3/60
<b>Configuration code</b>	Single
<b>Connection type</b>	Rotolock
<b>Cylinder</b>	2

<b>Description</b>	MT080-4
<b>Diameter [mm]</b>	288 mm
<b>Discharge connection height [mm]</b>	74 mm
<b>Discharge connection mounting torque [Nm]</b>	90 N-m
<b>Discharge connection pipe size [in]</b>	3/4 in
<b>Discharge connection rotolock size [in]</b>	1 1/4 in
<b>Discharge connection size [in]</b>	1 1/4 in
<b>Discharge connection sleeve pipe size [in]</b>	3/4 in
<b>Drawing number</b>	8502012g
<b>Economizer</b>	No
<b>Factory HP [bar]</b>	25 bar
<b>Factory LP [bar]</b>	25 bar
<b>Fitting remark</b>	(shipped with rotolock version only)
<b>Fitting sleeve</b>	ODF
<b>Fitting standard</b>	Rotolock
<b>Frequency [Hz]</b>	50/60
<b>Gauge port HP</b>	None
<b>Gauge port LP</b>	Schrader
<b>Generation code</b>	B
<b>Glass mounting</b>	Threaded
<b>Glass torque [Nm]</b>	50 N-m
<b>GP LP torque [Nm]</b>	15 N-m
<b>High side max pressure (Ps)</b>	27.8 bar
<b>High Side TS Max</b>	150 Â°C
<b>High Side TS Min</b>	-35 Â°C
<b>High Side Volume</b>	0.6 L

<b>High value of nominal voltage at 50Hz [V]</b>	400 V
<b>High value of nominal voltage at 60Hz [V]</b>	460 V
<b>High value of voltage range at 50Hz [V]</b>	460 V
<b>High value of voltage range at 60Hz [V]</b>	506 V
<b>IP protection class</b>	IP55 (with cable gland)
<b>Low side max pressure (Ps)</b>	18.4 bar
<b>Low Side TS Max</b>	50 Â°C
<b>Low Side TS Min</b>	-35 Â°C
<b>Low Side Volume</b>	16.5 L
<b>Low value of nominal voltage at 50Hz [V]</b>	380 V
<b>Low value of nominal voltage at 60Hz [V]</b>	460 V
<b>Low value of voltage range at 50Hz [V]</b>	340 V
<b>Low value of voltage range at 60Hz [V]</b>	414 V
<b>LRA</b>	80 A
<b>MCC</b>	18.5 A
<b>Model number</b>	MT80HP4AVE
<b>Motor protection</b>	Internal overload protector
<b>Mounting torque [Nm]</b>	15 N-m
<b>Nominal cooling capacity 60 kBTU/h</b>	80.2 kBtu/h
<b>Nominal cooling capacity at 50Hz</b>	17.8 kW
<b>Nominal cooling capacity at 60Hz</b>	23.5 kW
<b>Number of starts per hour [Max]</b>	12

<b>Oil charge [L]</b>	1.8 L
<b>Oil equalization</b>	3/8" flare SAE
<b>Oil equalization torque [Nm]</b>	30 N-m
<b>Oil reference</b>	160P
<b>Packaging height [mm]</b>	455 mm
<b>Packaging length [mm]</b>	395 mm
<b>Packaging weight [Kg]</b>	44 kg
<b>Packaging width [mm]</b>	365 mm
<b>Packing format</b>	Single pack
<b>Packing quantity</b>	1
<b>Phase</b>	3
<b>Power connections</b>	Spade
<b>Refrigerant</b>	R22
<b>Refrigerant charge [kg] [Max]</b>	5 kg
<b>Relief valve</b>	30 bar/8 bar
<b>Rotational speed at 50Hz [rpm]</b>	2900 rpm
<b>Rotational speed at 60Hz [rpm]</b>	3500 rpm
<b>Segment usage</b>	Air conditioning Refrigeration MT
<b>Shipped fittings</b>	Suction and discharge solder sleeves, rotolock nuts and gaskets
<b>Shipped instructions</b>	Installation instructions
<b>Shipped mounting</b>	Mounting kit with grommets, bolts, nuts, sleeves and washers
<b>Shipped oil</b>	Initial oil charge
<b>Suction connection height [mm]</b>	265 mm

<b>Suction connection mounting torque [Nm]</b>	110 N-m
<b>Suction connection pipe size [in]</b>	1 1/8 in
<b>Suction connection rotolock size [in]</b>	1 3/4 in
<b>Suction connection size [in]</b>	1 3/4 in
<b>Suction connection sleeve pipe size [in]</b>	1 1/8 in
<b>Swept volume [cm3]</b>	135.78 cm3
<b>Technology</b>	Reciprocating
<b>Test dif [bar] [Max]</b>	30 bar
<b>Test HP [bar] [Max]</b>	30 bar
<b>Test LP [bar] [Max]</b>	25 bar
<b>Torque earth [Nm]</b>	3 N-m
<b>Torque power [Nm]</b>	3 N-m
<b>Total height [mm]</b>	413 mm
<b>Type</b>	MT
<b>Type designation</b>	Compressor
<b>Viscosity [cP]</b>	32 cP
<b>Winding resistance for three-phase compressors with identical windings [Ohm]</b>	1.94 Ohm

Refrigerant: R22, Segment usage: Air conditioning;Refrigeration MT, Compressor power supply [V/Ph/Hz]: 400/3/50 460/3/60

## Product details

<b>Gross weight</b>	44.5 kg
<b>Net weight</b>	42 kg
<b>EAN</b>	5702428839525



<b>Gross weight</b>	44.5 kg
<b>Net weight</b>	42 kg
<b>EAN</b>	5702428839525

<b>Approval standard</b>	CE UL
<b>Brand technique</b>	Reciprocating compressor
<b>Capacity control</b>	Fixed speed
<b>Colour</b>	Blue
<b>Compressor power supply [V/Ph/Hz]</b>	400/3/50 460/3/60
<b>Configuration code</b>	Single
<b>Connection type</b>	Rotolock
<b>Cylinder</b>	2
<b>Description</b>	MT080-4
<b>Diameter [mm]</b>	288 mm
<b>Discharge connection height [mm]</b>	74 mm
<b>Discharge connection mounting torque [Nm]</b>	90 N-m
<b>Discharge connection pipe size [in]</b>	3/4 in
<b>Discharge connection rotolock size [in]</b>	1 1/4 in
<b>Discharge connection size [in]</b>	1 1/4 in
<b>Discharge connection sleeve pipe size [in]</b>	3/4 in
<b>Drawing number</b>	8502012g
<b>Economizer</b>	No
<b>Factory HP [bar]</b>	25 bar
<b>Factory LP [bar]</b>	25 bar

<b>Fitting remark</b>	(shipped with rotolock version only)
<b>Fitting sleeve</b>	ODF
<b>Fitting standard</b>	Rotolock
<b>Frequency [Hz]</b>	50/60
<b>Gauge port HP</b>	None
<b>Gauge port LP</b>	Schrader
<b>Generation code</b>	B
<b>Glass mounting</b>	Threaded
<b>Glass torque [Nm]</b>	50 N-m
<b>GP LP torque [Nm]</b>	15 N-m
<b>High side max pressure (Ps)</b>	27.8 bar
<b>High Side TS Max</b>	150 Â°C
<b>High Side TS Min</b>	-35 Â°C
<b>High Side Volume</b>	0.6 L
<b>High value of nominal voltage at 50Hz [V]</b>	400 V
<b>High value of nominal voltage at 60Hz [V]</b>	460 V
<b>High value of voltage range at 50Hz [V]</b>	460 V
<b>High value of voltage range at 60Hz [V]</b>	506 V
<b>IP protection class</b>	IP55 (with cable gland)
<b>Low side max pressure (Ps)</b>	18.4 bar
<b>Low Side TS Max</b>	50 Â°C
<b>Low Side TS Min</b>	-35 Â°C
<b>Low Side Volume</b>	16.5 L

<b>Low value of nominal voltage at 50Hz [V]</b>	380 V
<b>Low value of nominal voltage at 60Hz [V]</b>	460 V
<b>Low value of voltage range at 50Hz [V]</b>	340 V
<b>Low value of voltage range at 60Hz [V]</b>	414 V
<b>LRA</b>	80 A
<b>MCC</b>	18.5 A
<b>Model number</b>	MT80HP4AVE
<b>Motor protection</b>	Internal overload protector
<b>Mounting torque [Nm]</b>	15 N-m
<b>Nominal cooling capacity 60 kBTU/h</b>	80.2 kBtu/h
<b>Nominal cooling capacity at 50Hz</b>	17.8 kW
<b>Nominal cooling capacity at 60Hz</b>	23.5 kW
<b>Number of starts per hour [Max]</b>	12
<b>Oil charge [L]</b>	1.8 L
<b>Oil equalization</b>	3/8" flare SAE
<b>Oil equalization torque [Nm]</b>	30 N-m
<b>Oil reference</b>	160P
<b>Packaging height [mm]</b>	455 mm
<b>Packaging length [mm]</b>	395 mm
<b>Packaging weight [Kg]</b>	44 kg
<b>Packaging width [mm]</b>	365 mm
<b>Packing format</b>	Single pack
<b>Packing quantity</b>	1
<b>Phase</b>	3
<b>Power connections</b>	Spade
<b>Refrigerant</b>	R22
<b>Refrigerant charge [kg] [Max]</b>	5 kg

<b>Relief valve</b>	30 bar/8 bar
<b>Rotational speed at 50Hz [rpm]</b>	2900 rpm
<b>Rotational speed at 60Hz [rpm]</b>	3500 rpm
<b>Segment usage</b>	Air conditioning Refrigeration MT
<b>Shipped fittings</b>	Suction and discharge solder sleeves, rotolock nuts and gaskets
<b>Shipped instructions</b>	Installation instructions
<b>Shipped mounting</b>	Mounting kit with grommets, bolts, nuts, sleeves and washers
<b>Shipped oil</b>	Initial oil charge
<b>Suction connection height [mm]</b>	265 mm
<b>Suction connection mounting torque [Nm]</b>	110 N-m
<b>Suction connection pipe size [in]</b>	1 1/8 in
<b>Suction connection rotolock size [in]</b>	1 3/4 in
<b>Suction connection size [in]</b>	1 3/4 in
<b>Suction connection sleeve pipe size [in]</b>	1 1/8 in
<b>Swept volume [cm<sup>3</sup>]</b>	135.78 cm <sup>3</sup>
<b>Technology</b>	Reciprocating
<b>Test dif [bar] [Max]</b>	30 bar
<b>Test HP [bar] [Max]</b>	30 bar
<b>Test LP [bar] [Max]</b>	25 bar
<b>Torque earth [Nm]</b>	3 N-m
<b>Torque power [Nm]</b>	3 N-m
<b>Total height [mm]</b>	413 mm

<b>Type</b>	MT
<b>Type designation</b>	Compressor
<b>Viscosity [cP]</b>	32 cP
<b>Winding resistance for three-phase compressors with identical windings [Ohm]</b>	1.94 Ohm
<b>Approval standard</b>	CE UL
<b>Brand technique</b>	Reciprocating compressor
<b>Capacity control</b>	Fixed speed
<b>Colour</b>	Blue
<b>Compressor power supply [V/Ph/Hz]</b>	400/3/50 460/3/60
<b>Configuration code</b>	Single
<b>Connection type</b>	Rotolock
<b>Cylinder</b>	2
<b>Description</b>	MT080-4
<b>Diameter [mm]</b>	288 mm
<b>Discharge connection height [mm]</b>	74 mm
<b>Discharge connection mounting torque [Nm]</b>	90 N-m
<b>Discharge connection pipe size [in]</b>	3/4 in
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<b>Discharge connection size [in]</b>	1 1/4 in
<b>Discharge connection sleeve pipe size [in]</b>	3/4 in
<b>Drawing number</b>	8502012g
<b>Economizer</b>	No
<b>Factory HP [bar]</b>	25 bar

<b>Factory LP [bar]</b>	25 bar
<b>Fitting remark</b>	(shipped with rotolock version only)
<b>Fitting sleeve</b>	ODF
<b>Fitting standard</b>	Rotolock
<b>Frequency [Hz]</b>	50/60
<b>Gauge port HP</b>	None
<b>Gauge port LP</b>	Schrader
<b>Generation code</b>	B
<b>Glass mounting</b>	Threaded
<b>Glass torque [Nm]</b>	50 N-m
<b>GP LP torque [Nm]</b>	15 N-m
<b>High side max pressure (Ps)</b>	27.8 bar
<b>High Side TS Max</b>	150 Â°C
<b>High Side TS Min</b>	-35 Â°C
<b>High Side Volume</b>	0.6 L
<b>High value of nominal voltage at 50Hz [V]</b>	400 V
<b>High value of nominal voltage at 60Hz [V]</b>	460 V
<b>High value of voltage range at 50Hz [V]</b>	460 V
<b>High value of voltage range at 60Hz [V]</b>	506 V
<b>IP protection class</b>	IP55 (with cable gland)
<b>Low side max pressure (Ps)</b>	18.4 bar
<b>Low Side TS Max</b>	50 Â°C
<b>Low Side TS Min</b>	-35 Â°C
<b>Low Side Volume</b>	16.5 L

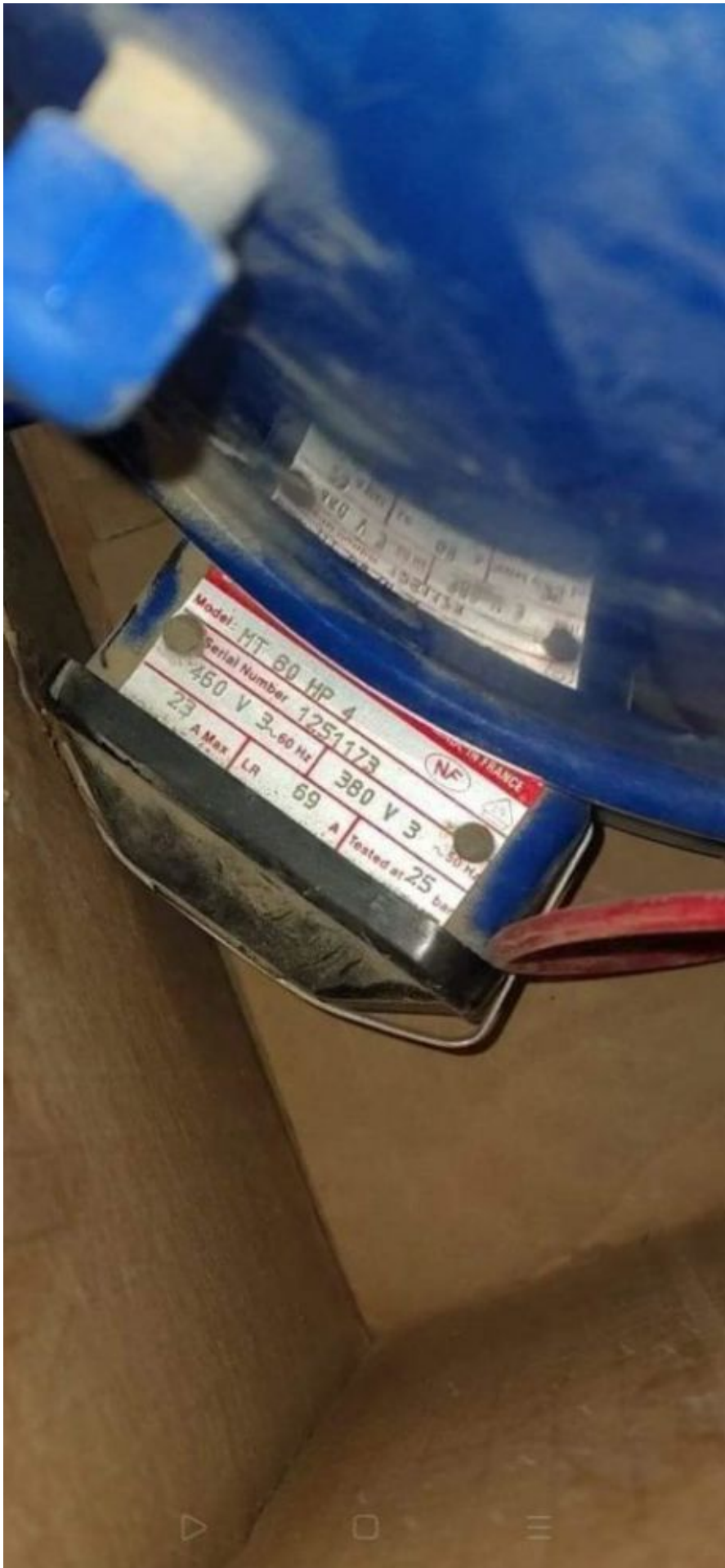
<b>Low value of nominal voltage at 50Hz [V]</b>	380 V
<b>Low value of nominal voltage at 60Hz [V]</b>	460 V
<b>Low value of voltage range at 50Hz [V]</b>	340 V
<b>Low value of voltage range at 60Hz [V]</b>	414 V
<b>LRA</b>	80 A
<b>MCC</b>	18.5 A
<b>Model number</b>	MT80HP4AVE
<b>Motor protection</b>	Internal overload protector
<b>Mounting torque [Nm]</b>	15 N-m
<b>Nominal cooling capacity 60 kBTU/h</b>	80.2 kBtu/h
<b>Nominal cooling capacity at 50Hz</b>	17.8 kW
<b>Nominal cooling capacity at 60Hz</b>	23.5 kW
<b>Number of starts per hour [Max]</b>	12
<b>Oil charge [L]</b>	1.8 L
<b>Oil equalization</b>	3/8" flare SAE
<b>Oil equalization torque [Nm]</b>	30 N-m
<b>Oil reference</b>	160P
<b>Packaging height [mm]</b>	455 mm
<b>Packaging length [mm]</b>	395 mm
<b>Packaging weight [Kg]</b>	44 kg
<b>Packaging width [mm]</b>	365 mm
<b>Packing format</b>	Single pack
<b>Packing quantity</b>	1
<b>Phase</b>	3
<b>Power connections</b>	Spade

<b>Refrigerant</b>	R22
<b>Refrigerant charge [kg] [Max]</b>	5 kg
<b>Relief valve</b>	30 bar/8 bar
<b>Rotational speed at 50Hz [rpm]</b>	2900 rpm
<b>Rotational speed at 60Hz [rpm]</b>	3500 rpm
<b>Segment usage</b>	Air conditioning Refrigeration MT
<b>Shipped fittings</b>	Suction and discharge solder sleeves, rotolock nuts and gaskets
<b>Shipped instructions</b>	Installation instructions
<b>Shipped mounting</b>	Mounting kit with grommets, bolts, nuts, sleeves and washers
<b>Shipped oil</b>	Initial oil charge
<b>Suction connection height [mm]</b>	265 mm
<b>Suction connection mounting torque [Nm]</b>	110 N-m
<b>Suction connection pipe size [in]</b>	1 1/8 in
<b>Suction connection rotolock size [in]</b>	1 3/4 in
<b>Suction connection size [in]</b>	1 3/4 in
<b>Suction connection sleeve pipe size [in]</b>	1 1/8 in
<b>Swept volume [cm<sup>3</sup>]</b>	135.78 cm <sup>3</sup>
<b>Technology</b>	Reciprocating
<b>Test dif [bar] [Max]</b>	30 bar
<b>Test HP [bar] [Max]</b>	30 bar
<b>Test LP [bar] [Max]</b>	25 bar
<b>Torque earth [Nm]</b>	3 N-m



<b>Torque power [Nm]</b>	3 N-m
<b>Total height [mm]</b>	413 mm
<b>Type</b>	MT
<b>Type designation</b>	Compressor
<b>Viscosity [cP]</b>	32 cP
<b>Winding resistance for three-phase compressors with identical windings [Ohm]</b>	1.94 Ohm







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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.

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**Compressor, CR32KQ-PFV,  
CR32K6-PFV-875, Copeland,  
américain, 3 CV, 2.5 3 Ton,  
208 230 Volt A/C, 1 PH,  
32,000 BTU, R22, R407C,  
Hermetic (Reciprocating)  
Compressor Replacement**

written by Lilianne | 5 January 2022



Compressor, CR32KQ-PFV, CR32K6-PFV-875, Copeland, américain, 3  
CV, 2.5 3 Ton, 208 230 Volt A/C, 1 PH, 32,000 BTU, R22, R407C,  
Hermetic (Reciprocating) Compressor Replacement

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**PH360G2C-4FTS1, 22000BTU,  
GMCC, Compressor rotary, 2  
Ton, air conditioner, R22,  
refrigeration compressor ,**



# 50HZ 220V / 240V

written by Lilianne | 5 January 2022



PH360G2C-4FTS1, 22000BTU, GMCC, Compressor rotary, air conditioner, R22, refrigeration compressor , 50HZ 220V / 240V

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**Whirlpool, Aspera, NE2125E, LBP, capacitive, start inductive run, hermetic compressor, R22, 1/4Hp++ or 1/3Hp-**

written by Lilianne | 5 January 2022

ompressor Aspera NE2125E, LBP – R22, 220-240V / 1 / 50Hz, stroke volume 8.78 cm<sup>3</sup>, LRA 11.0A, motor type CSIR, capillary tube / expansion valve operation, oil AB 46.Cooling capacity measured for condensation temperature of: 45 ° C, Measurement conditions: ASHRAE

Unfortunately the compressor is no longer available. If you would like an offer for an identical alternative, please email us or give us a short call, we will prepare an offer for you.Cooling capacity (W) at To

- 10 ° C	- 15 ° C	- 20 ° C	- 25 ° C	- 30 ° C
651	517	401	304	226





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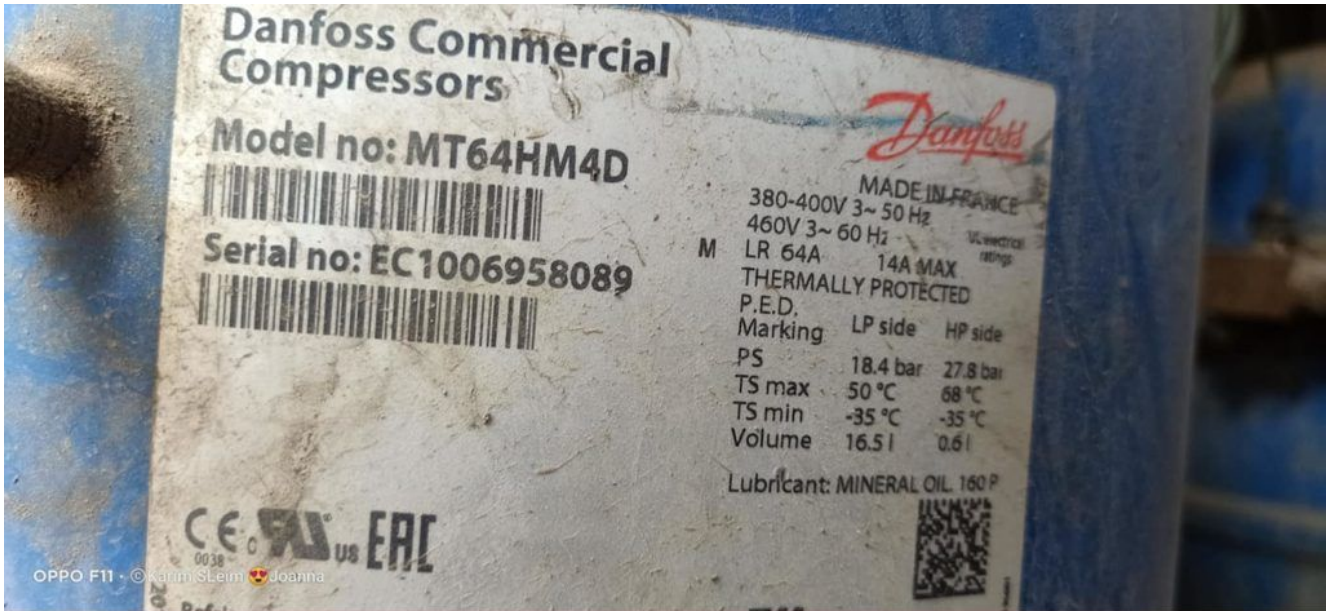


<b>Shipping Class</b>	Default
<b>Scope Of Application</b>	LBP
<b>Delivery Time</b>	2-3 Weeks
<b>Stock Availability</b>	In Stock
<b>Type</b>	Reciprocating Piston
<b>Condensation Temperature</b>	45 ° C
<b>Manufacturer</b>	Aspera
<b>Manufacturer No.</b>	NE2125E
<b>Power In Hp</b>	1/4 +
<b>Starting Torque</b>	HST
<b>Stroke Volume In Cm3</b>	8.78
<b>Measurement Conditions</b>	Ashrae
<b>Refrigerant</b>	R22
<b>Oil Type</b>	ISO46
<b>Series</b>	NE
<b>Condensing Units Compressors</b>	Compressor
<b>Tension</b>	220-240V
<b>Weight In Kg</b>	10.4

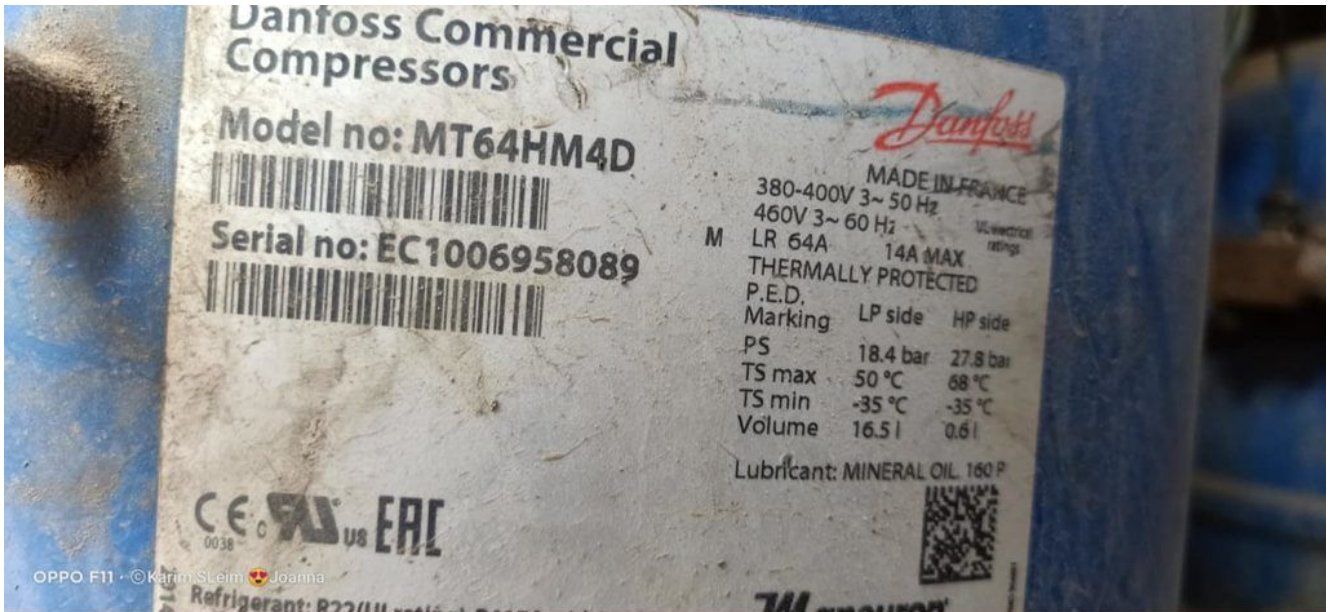
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# **Danfoss, Compressor, 5 Hp, R22, Démontage, ouverture, DESTRUCTION**

written by Lilianne | 5 January 2022



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**GMCC, 9000BTU, 12000BTU,  
18000BTU, 24000BTU, R22,  
Climatiseur Compresseur,  
rotatif T3, pH440G2CS-4KTS1 /  
pH440X3CS-4KTS1, 2Hp,  
26000BTU, Compresseur  
Toshiba, A / C R22 220-240V /  
50HZ / 1PH**

written by Lilianne | 5 January 2022

### **Description du compresseur GMCC Les compresseurs de**

climatisation GMCC réduisent les coûts pendant toute la durée de vie du produit dans l'application.

Ils prennent en charge la conception de systèmes pour des performances à haut rendement et pour l'utilisation de réfrigérants alternatifs pour les applications HVAC commerciales, commerciales et industrielles légères telles que les unités de toit, les refroidisseurs, le refroidissement de processus, les unités emballées, etc.

### **GMCC Liste Modèle**

	Dépl.	Capacité		Condensateur	Pouvoir en mettre	Poids kg	Ensembles De paquets/Palette
HSM165V3UDZA	16.4(cm3/rev)	2845W	9710BTU	30/370µF-V	870W	12.3kg	80 ensembles/Palette

HSM215V3UDZA	21.4 (cm <sup>3</sup> /rev)	3720W	12690BTU	40/370μF-V	1155W	12.7kg	60 ensembles/Palette
PH290M2C-4FT1	29.1 (cm <sup>3</sup> /rev)	5100W	17400BTU	35/370μF-V	1645W	16.1kg	60 ensembles/Palette
PH310M2CS-4KUH	31 (cm <sup>3</sup> /rev)	5510W	18800BTU	40/400μF-V	1710W	17.8kg	60 ensembles/Palette
PH340M2CS-4KU	34 (cm <sup>3</sup> /rev)	5960W	20335BTU	50/400μF-V	1870W	17.8kg	60 ensembles/Palette
PH370G2CS-4KU1	37 (cm <sup>3</sup> /rev)	6650W	22690BTU	50/400μF-V	2065W	18.6kg	48 ensembles/Palette
PH400G2CS-4KU1	39.8 (cm <sup>3</sup> /rev)	7100W	24226BTU	50/400μF-V	2430W	20.2kg	48 ensembles/Palette
PH420G2CS-4KU1	42.3 (cm <sup>3</sup> /rev)	7460W	25450BTU	50/400μF-V	2525W	20.2kg	48 ensembles/Palette
PH440X3CS-4KU1	43.5 (cm <sup>3</sup> /rev)	7650W	26100BTU	50/400μF-V	2510W	22.2kg	48 ensembles/Palette
PH480X3CS-4MU1	47.9 (cm <sup>3</sup> /rev)	8460W	28865BTU	55/400μF-V	2730W	25.2kg	48 ensembles/Palette

## Informations de base

Numéro de modèle: PH440X3CS-4MU1

## Information additionnelle

Lieu d'origine: Panyu, Guangzhou

## Description du produit

Compresseur Toshiba GMCC A / C R22 220-240V / 50HZ / 1PH

Données du

compresseur Compresseur: PH440X3CS-4MU1

Réfrigérant: R22

Type de compresseur : Compresseur à moteur hermétique

Type de pompe:

Huile rotative préchargée: FV50S 900cm<sup>3</sup> N.W

.: 22,2KG

Performance nominale

Alimentation: 220- 240V / 50HZ / 1PH

Capacité: 7650W

Entrée: 2510W

Conditions nominales

Température d'évaporation ARI : 7,2 ° C

Température de condensation: 54,4 ° C

Température du gaz de retour: 18,3 ° C

Temp du liquide: 46,1 ° C

Ambiante, air au-dessus: 35 ° C , 1m / s

Liste des accessoires standard

Couvre-

bornes Cache

-bornes Joint Écrou-Cache-borne

Écrou Joint

caoutchouc Grommet

ressort

	MODÈLE	CAPACITÉ		CONTRIBUTION	FLIC	EMBALLAGE	CONDENSATEUR	NO	GW / PKG
		W	BTU / H	W	W / W	PCS / PKG	µF / VCA	KG	KG



Compresseur rotatif GMCC 220-240V / 50HZ / 1Ph	PH180X1C-4DZDE3	3 015	10 287	1 012	2,98	60	35 $\mu$ F / 370VAC	14,9	976
	PH225X2C-4FT	3 870	13 204	1 250	3.10	60	35 $\mu$ F / 370VAC	15,8	998
	PH290M2C-4FT1	5 100	17 400	1 645	3.10	60	35 $\mu$ F / 370VAC	16,1	1016
	PH310M2CS-4KUH	5 470	18 663	1 710	3.20	60	40 $\mu$ F / 400VAC	17,8	1118
	PH370G2CS-4MU1	6 605	22 535	2 070	3.19	48	50 $\mu$ F / 400VAC	19,0	962
	PH400G2CS-4KU1	7 015	23 934	2 260	3.10	48	50 $\mu$ F / 400VAC	20,2	1020
	PH420G2CS-4KU1	7 420	25 316	2 390	3.10	48	50 $\mu$ F / 400VAC	20,2	1020
	PH440X3CS-4MU1	7 650	26 100	2 510	3,05	48	50 $\mu$ F / 400VAC	22.2	1116
	PH480X3CS-4MU1	8 460	28 864	2 730	3.10	48	55 $\mu$ F / 400VAC	25,2	1260



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**PH440X3GS - 4KTS1**

220 - 240V ~, 50HZ RoHS



002001472W

**TOSHIBA** (GMCC)





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

written by Lilianne | 5 January 2022

## 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 cm<sup>3</sup> / 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

<b>MT Series Refrigerant:</b>	R22	<b>Type:</b>	Hermetic Reciprocating Compressor
<b>Phase:</b>	1PH,3PH	<b>Application Temp::</b>	Middle High Temperature
<b>Horse Power:</b>	1.5HP To 13.3HP	<b>Frenquency:</b>	50HZ 60HZ
<b>Voltage:</b>	380-400 -460V	<b>Colour:</b>	Blue

<b>Usage:</b>	For Commercial Refrigeration And Air Conditioning
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**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 30-543cm<sup>3</sup>/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

<b>Gross weight</b>	41.5 kg
<b>Net weight</b>	39 kg
<b>EAN</b>	5702428661973

<b>Approval standard</b>	CCC CE UL
<b>Brand technique</b>	Reciprocating compressor
<b>Capacity control</b>	Fixed speed
<b>Colour</b>	Blue
<b>Compressor power supply [V/Ph/Hz]</b>	400/3/50 460/3/60
<b>Configuration code</b>	Single

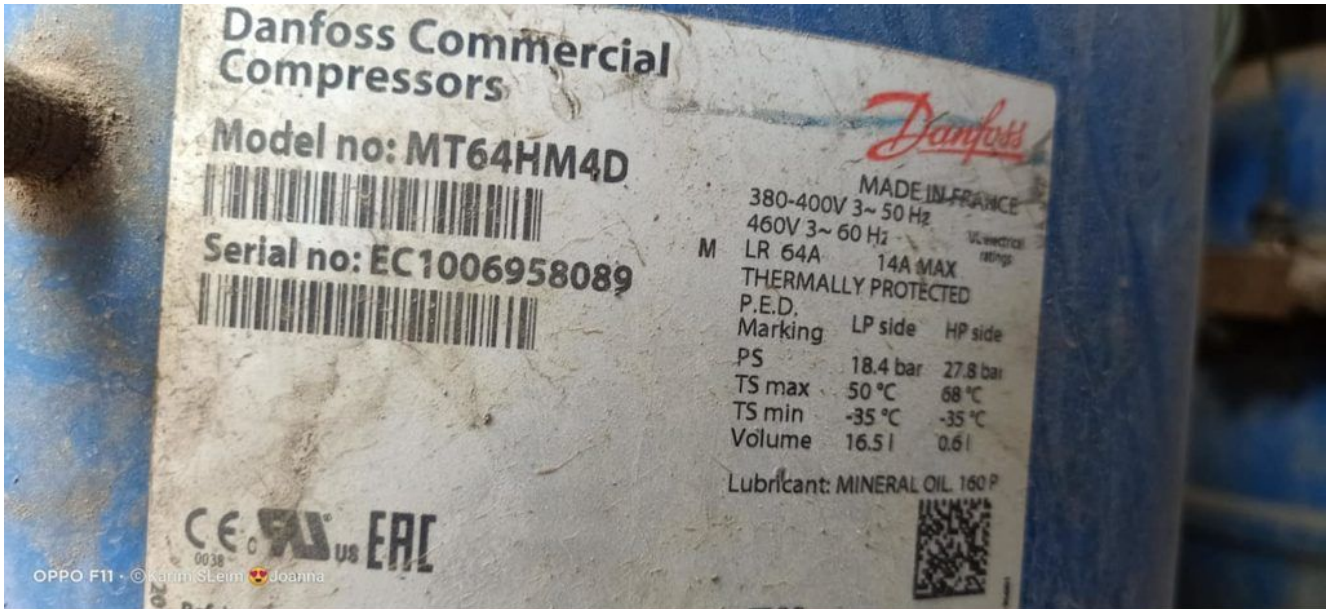


<b>Connection type</b>	Rotolock
<b>Cylinder</b>	2
<b>Description</b>	MT064-4
<b>Diameter [mm]</b>	288 mm
<b>Discharge connection height [mm]</b>	74 mm
<b>Discharge connection mounting torque [Nm]</b>	90 Nm
<b>Discharge connection pipe size [in]</b>	3/4 in
<b>Discharge connection rotolock size [in]</b>	1 1/4 in
<b>Discharge connection size [in]</b>	1 1/4 in
<b>Discharge connection sleeve pipe size [in]</b>	3/4 in
<b>Drawing number</b>	8502012g
<b>Economizer</b>	No
<b>Factory HP [bar]</b>	25 bar
<b>Factory LP [bar]</b>	25 bar
<b>Fitting remark</b>	(shipped with rotolock version only)
<b>Fitting sleeve</b>	ODF
<b>Fitting standard</b>	Rotolock
<b>Frequency [Hz]</b>	50/60
<b>Gauge port HP</b>	None
<b>Gauge port LP</b>	Schrader
<b>Generation code</b>	E
<b>Glass mounting</b>	Threaded
<b>Glass torque [Nm]</b>	50 Nm
<b>GP LP torque [Nm]</b>	15 Nm
<b>High side max pressure (Ps)</b>	27.8 bar
<b>High Side TS Max</b>	150 °C

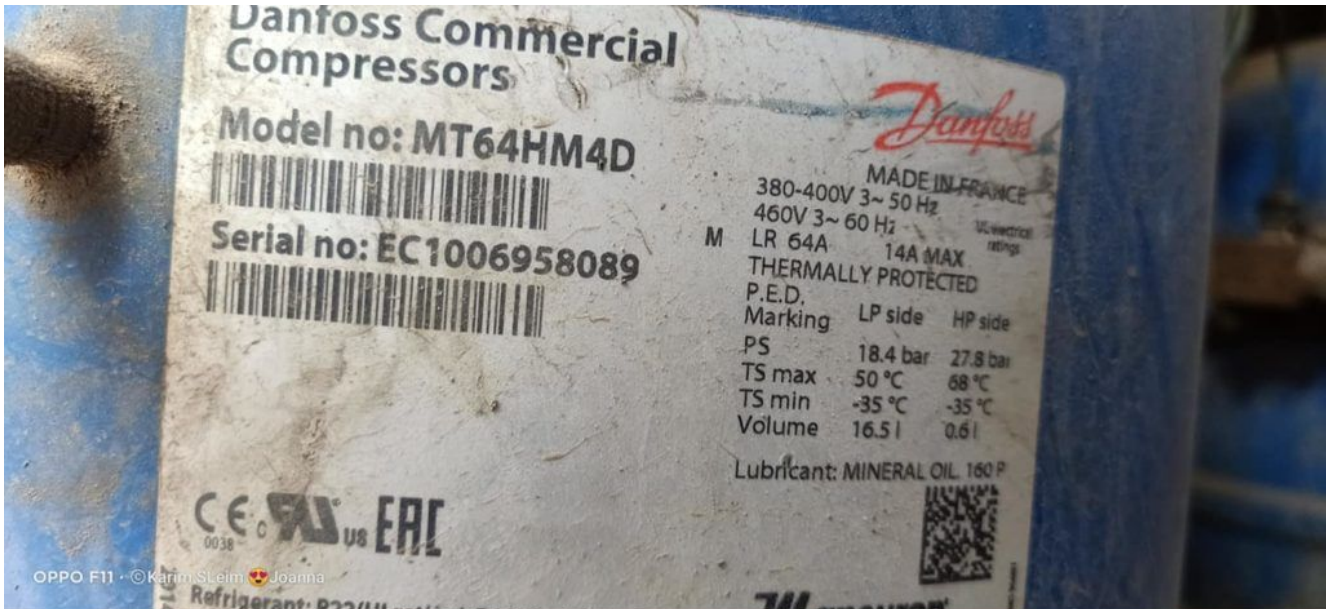
<b>High Side TS Min</b>	-35 °C
<b>High Side Volume</b>	0.6 L
<b>High value of nominal voltage at 50Hz [V]</b>	400 V
<b>High value of nominal voltage at 60Hz [V]</b>	460 V
<b>High value of voltage range at 50Hz [V]</b>	460 V
<b>High value of voltage range at 60Hz [V]</b>	506 V
<b>IP protection class</b>	IP55 (with cable gland)
<b>Low side max pressure (Ps)</b>	18.4 bar
<b>Low Side TS Max</b>	50 °C
<b>Low Side TS Min</b>	-35 °C
<b>Low Side Volume</b>	16.5 L
<b>Low value of nominal voltage at 50Hz [V]</b>	380 V
<b>Low value of nominal voltage at 60Hz [V]</b>	460 V
<b>Low value of voltage range at 50Hz [V]</b>	340 V
<b>Low value of voltage range at 60Hz [V]</b>	414 V
<b>LRA</b>	64 A
<b>MCC</b>	14 A
<b>Model number</b>	MT64HM4DVE
<b>Motor protection</b>	Internal overload protector
<b>Mounting torque [Nm]</b>	15 Nm
<b>Nominal cooling capacity 60 kBTU/h</b>	64.51 kBtu/h
<b>Nominal cooling capacity at 50Hz</b>	14.4 kW
<b>Nominal cooling capacity at 60Hz</b>	18.9 kW

<b>Number of starts per hour [Max]</b>	12
<b>Oil charge [L]</b>	1.8 L
<b>Oil equalization</b>	3/8" flare SAE
<b>Oil equalization torque [Nm]</b>	30 Nm
<b>Oil reference</b>	160P
<b>Packaging height [mm]</b>	550 mm
<b>Packaging length [mm]</b>	1150 mm
<b>Packaging weight [Kg]</b>	254 kg
<b>Packaging width [mm]</b>	800 mm
<b>Packing format</b>	Industrial pack
<b>Packing quantity</b>	6
<b>Phase</b>	3
<b>Power connections</b>	Spade
<b>Refrigerant</b>	R22
<b>Refrigerant charge [kg] [Max]</b>	5 kg
<b>Relief valve</b>	30 bar/8 bar
<b>Rotational speed at 50Hz [rpm]</b>	2900 rpm
<b>Rotational speed at 60Hz [rpm]</b>	3500 rpm
<b>Segment usage</b>	Air conditioning Refrigeration MT
<b>Shipped fittings</b>	Suction and discharge solder sleeves, rotolock nuts and gaskets
<b>Shipped instructions</b>	Installation instructions
<b>Shipped mounting</b>	Mounting kit with grommets, bolts, nuts, sleeves and washers
<b>Shipped oil</b>	Initial oil charge
<b>Suction connection height [mm]</b>	265 mm

<b>Suction connection mounting torque [Nm]</b>	110 Nm
<b>Suction connection pipe size [in]</b>	7/8 in
<b>Suction connection rotolock size [in]</b>	1 3/4 in
<b>Suction connection size [in]</b>	1 3/4 in
<b>Suction connection sleeve pipe size [in]</b>	7/8 in
<b>Swept volume [cm<sup>3</sup>]</b>	107.71 cm <sup>3</sup>
<b>Technology</b>	Reciprocating
<b>Test dif [bar] [Max]</b>	30 bar
<b>Test HP [bar] [Max]</b>	30 bar
<b>Test LP [bar] [Max]</b>	25 bar
<b>Torque earth [Nm]</b>	3 Nm
<b>Torque power [Nm]</b>	3 Nm
<b>Total height [mm]</b>	413 mm
<b>Type</b>	MT
<b>Type designation</b>	Compressor
<b>Viscosity [cP]</b>	32 cP
<b>Winding resistance for three-phase compressors with identical windings [Ohm]</b>	2.44 Ohm



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MT64-4V55  
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 C16 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.

Danfoss

Compressor

Model no: MT64HM4DVE

Serial no: KE1008211296

Serial no: KE1008211296

M 380-420V 3~ 50Hz  
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 93.0 °C  
T2 Min 24.8 °C 25.0 °C  
Volume 98.1 98.1  
Lubricant Mineral oil 180P

MADE IN FRANCE

CE 93 ENE C200

Reference: R22/R410A, rating: R417A with 140PZ

MasterTop

WARNING CAUTION

1 2 3 4  
1 2 3 4  
1 2 3 4





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