

Mbsm.pro, DANFOSS, MANEUROP,
ALTERNATOR, COMPRESSOR, Mt80hp4, 6.6
hp, 3ph

Category: compressor

written by rober us | 30 March 2023

Maneurop
RECIPROCATING COMPRESSOR

MODEL : MT80HP4



SERIAL : JK 2610933



THERMALLY PROTECTED

PROTECTION THERMIQUE

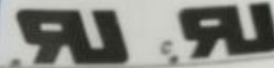
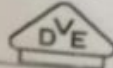
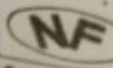
460V 3~ 60 Hz
23 A Max

380-400V 3~ 50 Hz
LR 69 A

CE

TEST

LP 25bar / 363psi



REFRIGERANT: R22

CAUTION Use of hydrocarbons is not approved by the manufacturer
ATTENTION L'utilisation d'hydrocarbures n'est pas autorisée par le fabricant
BEWACHTUNG Keine Herstellerfreigabe für Kohlenwasserstoffe

LUBRICANT:

MINERAL OIL. 160 P

Danfoss Maneurop S.A.
CORPORATION COMPRESSORS
MADE IN FRANCE

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DANFOSS MANEUROP ALTERNATOR COMPRESSOR

AIR DRYER

Type	FD1000 USD A	Serial nr	APF138497		
Weight	560 kg	V	50 Hz	5,1 kW	Ph
Comp air Pmax	12 bar(e)	Tmax	55 °C		
Ambient: Max	45 °C	Min	0 °C		
Refr. type:	R404 A	Amount	6 kg		
Refr. Pmax high	29 bar	Pmax low	26 bar		
Year of construction	20 08				
MADE BY ATLAS COPCO AIRPOWER n.v. WILRIJK BELGIUM					

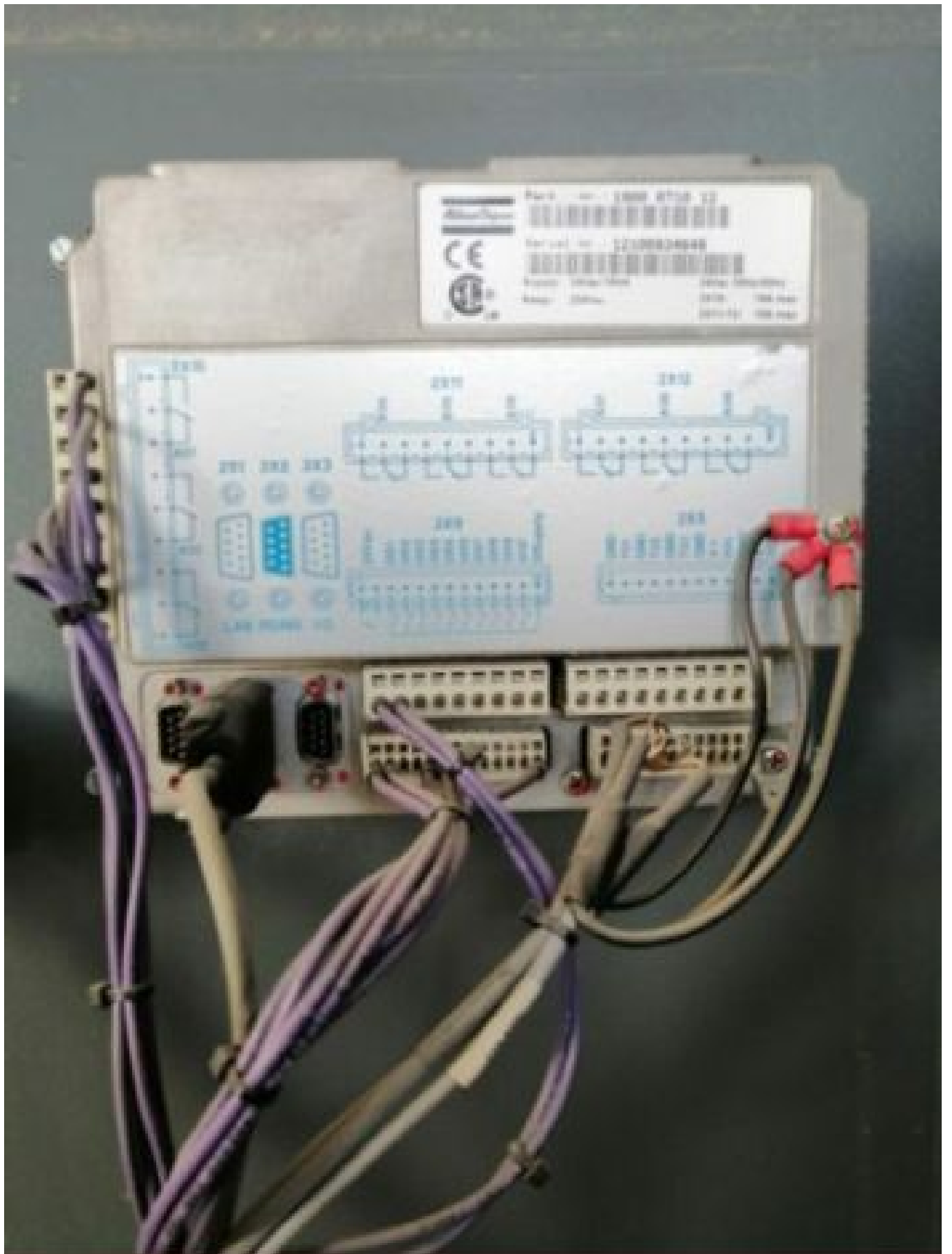
1617 4483 00

CE 0038

Atlas Copco



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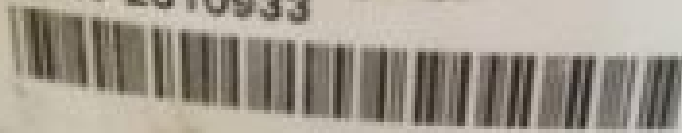
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Maneurop

RECIPROCATING COMPRESSOR

MODEL : MT80HP4

SERIAL : JK 2610933



THERMALLY PROTECTED

PROTECTION THERMIQUE

450V 3~ 50 Hz
23 A Max

380-400V 3~ 50 Hz
LR 69 A

CE

1000 RPM / 1000

REFRIGERANT: R22



Lubrifiant et réfrigérant à utiliser doivent être approuvés par le fabricant.
REMARQUE : L'utilisation d'hydrocarbures avec des moteurs par 10 barres
est interdite. Toute responsabilité est assumée par l'utilisateur.

LUBRIFIANT

MINERAL OIL 150 P

Centross Maneurop S.A.
MADE IN ITALY

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Model (mineral oil R22; polyolester oil R134A, R404) (MT, MTZ, NTZ SERIES)

Danfoss Maneurop MT22JC5PVE Piston Compressor (2.0HP / 1PH); [R22]
Danfoss Maneurop MT22JC4AVE piston compressor (2.0HP / 3PH); [R22]
Danfoss Maneurop MT28JC5PVE AC Compressor (2.3HP/1PH); [R22]
Danfoss Maneurop MT28JE4AVE AC Compressor (2.3HP/3PH); [R22]
Danfoss Maneurop MT32JF5MVE AC Compressor (2.6HP/1PH); [R22]
Danfoss Maneurop MT32JF4DVE AC Compressor (2.6HP/3PH); [R22]
Danfoss Maneurop MT36JG5CVE AC Compressor (3.0HP/1PH); [R22]
Danfoss Maneurop MT36JG4FVE AC Compressor (3.0HP/3PH); [R22]
Danfoss Maneurop MT40JH4EVE AC Compressor (3.3HP/3PH); [R22]
Danfoss Maneurop MT44HJ4BVE reciprocating compressor (3.6HP / 3PH); [R22]
Danfoss Maneurop MT50HK4CVE Piston Compressor (4.0HP/3PH); [R22]
Danfoss Maneurop MT56HL4BVE AC Compressor (4.6HP/3PH); [R22]
Danfoss Maneurop MT64HM4DVE AC Compressor (5.3HP/3PH); [R22]
Danfoss Maneurop MT72HN4AVE AC Compressor (6.0HP/3PH); [R22]
Danfoss Maneurop MT80HP4AVE AC Compressor (6.6HP/3PH); [R22]
Danfoss Maneurop MT100HS4DVE AC Compressor (8.3HP / 3PH); [R22]
Danfoss Maneurop MT125HU4DVE Reciprocating Compressor (10.0HP/3PH); [R22]
Danfoss Maneurop MT144HV4AVE Reciprocating Compressor (12.0HP/3PH); [R22]
Danfoss Maneurop MT160HW4EVE AC Compressor (13.3HP/3PH); [R22]Danfoss Maneurop
MTZ22JC5VE AC Compressor (2.0HP/1PH); [R134A, R404]
Danfoss Maneurop MTZ22JC4AVE AC Compressor (2.0HP/3PH); [R134A, R404]
Danfoss Maneurop MTZ28JE5AVE AC Compressor (2.3HP / 1PH); [R134A, R404]
Danfoss Maneurop MTZ28JE4AVE AC Compressor (2.3HP / 3PH); [R134A, R404]
Danfoss Maneurop MTZ32JF5AVE AC Compressor (2.6HP/1PH); [R134A, R404]
Danfoss Maneurop MTZ32JF4BVE Reciprocating Compressor (2.6HP / 3PH); [R134A,
R404]
Danfoss Maneurop MTZ36JG5AVE AC Compressor (3.0HP/1PH); [R134A, R404]
Danfoss Maneurop MTZ36JG4BVE Reciprocating Compressor (3.0HP / 3PH); [R134A,
R404]
Danfoss Maneurop MTZ40JH4AVE reciprocating compressor (3.3HP / 3PH); [R134A,
R404]
Danfoss Maneurop MTZ50HK4CVE Reciprocating Compressor (4.0HP / 3PH); [R134A,
R404]
Danfoss Maneurop MTZ56HL4BVE Reciprocating Compressor (4.6HP / 3PH); [R134A,
R404]
Danfoss Maneurop MTZ64HM4CVE Reciprocating Compressor (5.3HP / 3PH); [R134A,
R404]
Danfoss Maneurop MTZ72HN4AVE Reciprocating Compressor (6.0HP/3PH); [R134A, R404]
Danfoss Maneurop MTZ80HP4AVE Reciprocating Compressor (6.6HP/3PH); [R134A, R404]
Danfoss Maneurop MTZ100HS4VE Reciprocating Compressor (8.3HP / 3PH); [R134A,
R404]
Danfoss Maneurop MTZ125HU4VE Reciprocating Compressor (10.0HP/3PH); [R134A,
R404]
Danfoss Maneurop MTZ144HV4AVE Reciprocating Compressor (12.0HP/3PH); [R134A,
R404]
Danfoss Maneurop MTZ160HE4AVE AC Compressor (13.3HP/3PH); [R134A, R404]
Danfoss Maneurop NTZ048A4LR1A Reciprocating Compressor (2.0HP / 3PH); [R134A,
R404, R507]
Danfoss Maneurop NTZ068A4LR1A Reciprocating Compressor (3.5HP / 3PH); [R134A,
R404, R507]

Danfoss Maneurop NTZ096A4LR1A Reciprocating Compressor (4.5HP / 3PH); [R134A, R404, R507]

Danfoss Maneurop NTZ108A4LR1A AC Compressor (5.0HP / 3PH); [R134A, R404, R507]

Danfoss Maneurop NTZ136A4LR1A Reciprocating Compressor (6.5HP / 3PH); [R134A, R404, R507]

Danfoss Maneurop NTZ215A4LR1A Reciprocating Compressor (10.0HP / 3PH); [R134A, R404, R507]

Danfoss Maneurop NTZ271A4LR1A Piston Compressor (13.0HP / 3PH); [R134A, R404, R507]

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"

Category: compressor

written by www.mbsm.pro | 30 March 2023



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Product details

Gross weight 41.58 kg
Net weight 39.1 kg
EAN 5702428839525

Approval standard	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	MT080-4
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	B
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	80 A
MCC	18 A
Model number	MT80HP4AVE
Motor protection	Internal overload protector
Mounting torque [Nm]	15 Nm
Nominal cooling capacity 60 kBTU/h	80.2 kBtu/h
Nominal cooling capacity at 50Hz	17.8 kW
Nominal cooling capacity at 60Hz	23.5 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]	455 mm
Packaging length [mm]	395 mm
Packaging weight [Kg]	44 kg
Packaging width [mm]	365 mm
Packing format	Single pack
Packing quantity	1
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]	1 1/8 in
Suction connection rotolock size [in]	1 3/4 in

Suction connection size [in]	1 3/4 in
Suction connection sleeve pipe size [in]	1 1/8 in
Swept volume [cm ³]	135.78 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]	1.94 Ohm

Description

Product details

Gross weight 44.5 kg
Net weight 42 kg
EAN 5702428839525
Gross weight 44.5 kg
Net weight 42 kg
EAN 5702428839525

Approval standard	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	MT080-4
Diameter [mm]	288 mm
Discharge connection height [mm]	74 mm
Discharge connection mounting torque [Nm]	90 N-m
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	B
Glass mounting	Threaded
Glass torque [Nm]	50 N-m
GP LP torque [Nm]	15 N-m
High side max pressure (Ps)	27.8 bar
High Side TS Max	150 Â°C
High Side TS Min	-35 Â°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 Â°C
Low Side TS Min	-35 Â°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	80 A
MCC	18.5 A
Model number	MT80HP4AVE
Motor protection	Internal overload protector
Mounting torque [Nm]	15 N-m
Nominal cooling capacity 60 kBTU/h	80.2 kBtu/h
Nominal cooling capacity at 50Hz	17.8 kW
Nominal cooling capacity at 60Hz	23.5 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 N-m
Oil reference	160P
Packaging height [mm]	455 mm
Packaging length [mm]	395 mm
Packaging weight [Kg]	44 kg

Packaging width [mm]	365 mm
Packing format	Single pack
Packing quantity	1
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 N-m
Suction connection pipe size [in]	1 1/8 in
Suction connection rotolock size [in]	1 3/4 in
Suction connection size [in]	1 3/4 in
Suction connection sleeve pipe size [in]	1 1/8 in
Swept volume [cm ³]	135.78 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 N-m
Torque power [Nm]	3 N-m
Total height [mm]	413 mm
Type	MT
Type designation	Compressor
Viscosity [cP]	32 cP
Winding resistance for three-phase compressors with identical windings [Ohm]	1.94 Ohm
Approval standard	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	MT080-4
Diameter [mm]	288 mm
Discharge connection height [mm]	74 mm
Discharge connection mounting torque [Nm]	90 N-m
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	B
Glass mounting	Threaded
Glass torque [Nm]	50 N-m
GP LP torque [Nm]	15 N-m
High side max pressure (Ps)	27.8 bar
High Side TS Max	150 Â°C
High Side TS Min	-35 Â°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 Â°C
Low Side TS Min	-35 Â°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	80 A
MCC	18.5 A
Model number	MT80HP4AVE
Motor protection	Internal overload protector
Mounting torque [Nm]	15 N-m

Nominal cooling capacity 60 kBTU/h	80.2 kBTu/h
Nominal cooling capacity at 50Hz	17.8 kW
Nominal cooling capacity at 60Hz	23.5 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 N-m
Oil reference	160P
Packaging height [mm]	455 mm
Packaging length [mm]	395 mm
Packaging weight [Kg]	44 kg
Packaging width [mm]	365 mm
Packing format	Single pack
Packing quantity	1
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 N-m
Suction connection pipe size [in]	1 1/8 in
Suction connection rotolock size [in]	1 3/4 in
Suction connection size [in]	1 3/4 in
Suction connection sleeve pipe size [in]	1 1/8 in
Swept volume [cm3]	135.78 cm3
Technology	Reciprocating
Test dif [bar] [Max]	30 bar
Test HP [bar] [Max]	30 bar
Test LP [bar] [Max]	25 bar
Torque earth [Nm]	3 N-m
Torque power [Nm]	3 N-m
Total height [mm]	413 mm
Type	MT
Type designation	Compressor

Viscosity [cP] 32 cP
Winding resistance for three-phase compressors with identical windings [Ohm] 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

Gross weight 44.5 kg
Net weight 42 kg
EAN 5702428839525
Gross weight 44.5 kg
Net weight 42 kg
EAN 5702428839525

Approval standard	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	MT080-4
Diameter [mm]	288 mm
Discharge connection height [mm]	74 mm
Discharge connection mounting torque [Nm]	90 N-m
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	B
Glass mounting	Threaded

Glass torque [Nm]	50 N-m
GP LP torque [Nm]	15 N-m
High side max pressure (Ps)	27.8 bar
High Side TS Max	150 Â°C
High Side TS Min	-35 Â°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 Â°C
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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	80 A
MCC	18.5 A
Model number	MT80HP4AVE
Motor protection	Internal overload protector
Mounting torque [Nm]	15 N-m
Nominal cooling capacity 60 kBTU/h	80.2 kBTU/h
Nominal cooling capacity at 50Hz	17.8 kW
Nominal cooling capacity at 60Hz	23.5 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 N-m
Oil reference	160P
Packaging height [mm]	455 mm
Packaging length [mm]	395 mm
Packaging weight [Kg]	44 kg
Packaging width [mm]	365 mm
Packing format	Single pack
Packing quantity	1
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 N-m
Suction connection pipe size [in]	1 1/8 in
Suction connection rotolock size [in]	1 3/4 in
Suction connection size [in]	1 3/4 in
Suction connection sleeve pipe size [in]	1 1/8 in
Swept volume [cm ³]	135.78 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 N-m
Torque power [Nm]	3 N-m
Total height [mm]	413 mm
Type	MT
Type designation	Compressor
Viscosity [cP]	32 cP
Winding resistance for three-phase compressors with identical windings [Ohm]	1.94 Ohm
Approval standard	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	MT080-4
Diameter [mm]	288 mm
Discharge connection height [mm]	74 mm
Discharge connection mounting torque [Nm]	90 N-m
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	B
Glass mounting	Threaded
Glass torque [Nm]	50 N-m
GP LP torque [Nm]	15 N-m
High side max pressure (Ps)	27.8 bar
High Side TS Max	150 Â°C
High Side TS Min	-35 Â°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 Â°C
Low Side TS Min	-35 Â°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	80 A
MCC	18.5 A
Model number	MT80HP4AVE
Motor protection	Internal overload protector
Mounting torque [Nm]	15 N-m
Nominal cooling capacity 60 kBTU/h	80.2 kBtu/h
Nominal cooling capacity at 50Hz	17.8 kW
Nominal cooling capacity at 60Hz	23.5 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 N-m
Oil reference	160P
Packaging height [mm]	455 mm
Packaging length [mm]	395 mm

Packaging weight [Kg]	44 kg
Packaging width [mm]	365 mm
Packing format	Single pack
Packing quantity	1
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 N-m
Suction connection pipe size [in]	1 1/8 in
Suction connection rotolock size [in]	1 3/4 in
Suction connection size [in]	1 3/4 in
Suction connection sleeve pipe size [in]	1 1/8 in
Swept volume [cm ³]	135.78 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 N-m
Torque power [Nm]	3 N-m
Total height [mm]	413 mm
Type	MT
Type designation	Compressor
Viscosity [cP]	32 cP
Winding resistance for three-phase compressors with identical windings [Ohm]	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 (3.6HP / 3PH) 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
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.