



MT32-4VI ≥

Reciprocating compressor, MT32JF4DVE

26.88 Kilogram

Refrigerants: R22, Segment usage: Refrigeration MT, Compressor power supply [V]: 400/3/50 460/3/60, Packing format: Single pack

PRODUCT DETAILS

Gross weight

Net weight	25 Kilogram
Volume	37.73 Liter
EAN	5702428839747
Approval	CCC
	CE
	UL
	UKCA
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
China RoHS compliance	Out of scope
Colour	Blue
Compressor power supply [V]	400/3/50 460/3/60
Configuration code	Single
Connection type	Rotolock
Cylinder	1
Description	MT032-4
Diameter [mm]	224 mm
Discharge connection height [mm]	68 mm
Discharge connection pipe size [in]	1/2 in
Discharge connection size [in]	1 in
Drawing number	8501024e
Economizer	No
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(a), 6(a)-l, 7(a), 7(c)-l, 8(b), 9(b)
Factory HP [bar]	25 bar
Factory LP [bar]	25 bar
Family	MT
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
Glass mounting	Threaded
Glass torque [Nm]	50 N-m
GP LP torque [Nm]	15 N-m
High Side TS Max	150 °C
High Side TS Min	-35 °C

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Rotational speed at 50Hz [rpm]

Rotational speed at 60Hz [rpm]



Product Detail Reciprocating compressor, MT32JF4DVE	TOMORROW
PRODUCT DETAILS	
High Side Volume	0.3 L
High value of nominal voltage at	400 V
50Hz [V]	400 V
High value of nominal voltage at	460 V
60Hz [V]	400 V
High value of voltage range at 50Hz	460 V
[V]	400 V
High value of voltage range at 60Hz	506 V
[V]	300 V
In scope of WEEE and contain	No
batteries	NO
IP protection class	IP55 (with cable gland)
Low Side TS Max	50 °C
Low Side TS Min	-35 ℃
Low Side Volume	7.5 L
Low value of nominal voltage at	380 V
50Hz [V]	ACOV.
Low value of nominal voltage at	460 V
60Hz [V]	240.1/
Low value of voltage range at 50Hz	340 V
[V]	414.V
Low value of voltage range at 60Hz	414 V
[V]	25 A
LRA	
Max pressure (PS) - high side	29.4 bar
Max pressure (PS) - low side	18.4 bar
MCC	8 A
Model number	MT32JF4DVE
Motor protection	Internal overload protector
Mounting torque [Nm]	15 N-m
Network power supply [V/Ph/Hz]	380-415/3/50 460/3/60
Number of starts per hour [Max]	12
Oil charge [L]	0.95 L
Oil equalization	3/8" flare SAE
Oil equalization torque [Nm]	30 N-m
Oil reference	160P
Packaging height [mm]	385 mm
Packaging length [mm]	330 mm
Packaging weight [Kg]	27 kg
Packaging width [mm]	295 mm
Packing format	Single pack
Packing quantity	1
Phase	3
Power connections	Spade
Product group	Hermetic compressors
Product Name Description	Reciprocating compressor MT
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerant charge [kg] [Max]	2.5 kg
Refrigerants	R22
Potational speed at 50Hz [rpm]	2000 rpm

2900 rpm

3500 rpm





Suction connection height [mm]

Suction connection material Suction connection pipe size [in]

Suction connection size [in]

Swept volume [cm3]

Technology

Viscosity [cP]

windings [Ohm]

Winding resistance for three-

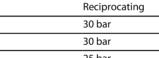
phase compressors with identical

PRODUCT DETAILS		
SCIP dossier no.	5a332c1b-1d1b-4998-8115-	
	d0929877ecb4	
Segment usage	Refrigeration MT	
Shipped fittings	Suction and discharge solder sleeves,	
	rotolock nuts and gaskets	
Shipped instructions	Installation instructions	
Shipped mounting	Mounting kit with grommets, bolts,	

Shipped fittings	Suction and discharge sold
	rotolock nuts and gaskets
Shipped instructions	Installation instructions
Shipped mounting	Mounting kit with gromme
	nuts, sleeves and washers
Shipped oil	Initial oil charge

Torque power [Nm]	
Total height [mm]	
Туре	
UK RoHS compliance	

Test dif [bar] [Max]	
Test HP [bar] [Max]	
Test LP [bar] [Max]	
Torque earth [Nm]	



263 mm

5/8 in

1 1/4 in

53.86 cm³

333 mm MT032

Out of scope 32 cP

6.45 Ohm

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25 bar
3 N-m
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25 bar	
3 N-m	
3 N-m	_

