



MT72-3VI ☑

${\bf Reciprocating\ compressor,\ MT72HN3CVE}$

Refrigerants: R22, Segment usage: Refrigeration MT, Compressor power supply [V]: 200-230/3/60, Packing format: Single pack

PRODUCT DETAILS

TRODUCT DETAILS	
Gross weight	44.5 Kg
Net weight	42 Kg
Volume	61.54 Liter
EAN	5702428839556
Approval	CE
	UL
	UKCA
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
China RoHS compliance	Out of scope
Colour	Blue
Compressor power supply [V]	200-230/3/60
Configuration code	Single
Connection type	Rotolock
Cylinder	2
Description	MT072-3
Diameter [mm]	288 mm
Discharge connection height [mm]	74 mm
Discharge connection pipe size [in]	3/4 in
Discharge connection size [in]	1 1/4 in
Drawing number	8502012g
Economizer	No
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(a), 6(a)-I, 7(a), 7(c)-I, 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]	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 ℃
High Side TS Min	-35 °C



High Side Volume 0.6 L High value of frominal voltage at 230 V High value of voltage range at 60Hz 253 V High value of voltage range at 60Hz 253 V Unimary of VEEE and contain No Datteries PSC with cable gland! IP protection dass IPSS with cable gland! Low Side TS Max 50 °C Low Side TS Min -33 °C Low Side Voltume 16.5 L Low Value of nominal voltage at a contract of the co	PRODUCT DETAILS	
High value of nominal voltage at 50Hz (V) High value of voltage range at 60Hz VI I in scope of WEE and contain In scope of WEE an	High Side Volume	0.6 L
sobte IVI Soby EVI In scope of WEE and contain No batteries Profescion class IPS5 (with cable gland) Low Side TS Min 35 °C Low Value of nominal voltage at 200 °V 60Hz [VI] Wind Control (Control (Contr		
IV In scope of WEEE and contain No In scope of WEEE and contain No In scope of WEEE and contain No In scope of WEEE and contain In scope of Week and Western In scope of		
IV In scope of WEEE and contain No In scope of WEEE and contain No In scope of WEEE and contain No In scope of WEEE and contain In scope of Week and Western In scope of	High value of voltage range at 60Hz	253 V
Protection class		
P protection class	In scope of WEEE and contain	No
Low Side TS Max 50 °C Low Side Volume 16.5 L Low Sub Volume 16.5 L Low value of nominal voltage at 60Hz (VI) 200 V SOPE VOLUME 180 V Line Value of voltage range at 60Hz (VI) 180 V LIRA 135 A Max pressure (PS) - high side 27.8 bar Max pressure (PS) - low side 18.4 bar MCC 30 A Model number MT72H/NSCVE Model number MT72H/NSCVE Model number MT72H/NSCVE Mounting torque [Nm] 15 N-m Network power supply [VIPP/Hz] 208-2003/00 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 equalization torque [Nm] 39 S mm Packaging wight [Ng] <th>batteries</th> <th></th>	batteries	
Low Side TS Min -35 °C Low Side Volume 16.5 L Low Value of nominal voltage at 60Hz 200 V 60Hz (VI) 180 V Low Value of voltage range at 60Hz 180 V Low Value of voltage range at 60Hz 180 V LEA 135 A Max pressure (PS) - high side 27.8 bar Max pressure (PS) - low side 18.4 bar McC 30 A Model number MT72HN3CVE Motor protection Internal overload protector Mounting torque [Nm] 15 N-m Network power supply [V/Ph/Hz] 208-230/3/60 Number of starts per hour [Max] 12 Oil charge [L] 1,8 L Oil equalization 3/8° flare SAE Oil equalization [Vim] 30 N-m Oil equalization [Vim]	IP protection class	IP55 (with cable gland)
Low Side Volume 16.5 L Low value of nominal voltage at 500Hz (V) 200 V Low value of voltage range at 60Hz (V) 180 V LRA 135 A Max pressure (PS) - high side 22.8 bar Max pressure (PS) - low side 18.4 bar MCC 30 A Model number MT22HN3CVE Model number MT22HN3CVE Motor protection Internal overload protector Mounting torque (Nm) 15 N-m Network power supply (VPh/Hz) 208-230/3/60 Number of starts per hour (Max) 12 Oil charge [L] 1.8 L Oil equalization 3/8" flare SAE Oil equalization torque (Nm) 45 mm Oil reference 160P Packaging height (Irm) 455 mm Packaging weight (Kg) 41 kg Packaging weight (Kg) 41 kg Packaging width (mm) 365 mm Packing quantity 1 Phase 3 Power connections Spade Product group Hermetic compressors	Low Side TS Max	50 °C
Low value of nominal voltage at 60Hz 180 V VI VI VI VI VI VI VI	Low Side TS Min	-35 ℃
	Low Side Volume	16.5 L
Low value of voltage range at 60Hz (V) IRA 135 A Max pressure (PS) - high side 27.8 bar Max pressure (PS) - low side 81.8 bar MCC 30 A Model number MT22HN3CVE Motor protection Internal overload protector Mounting torque (Im) Network power supply (V/Ph/Hz) 208-230/3/60 Number of starts per hour (Max) 12 Oil charge (LI) Oil equalization 3/8" flare SAE Oil equalization torque (Pm) 30 N-m Oil reference 160P Packaging height (mm) 455 mm Packaging height (fmm) 395 mm Packaging weight (Kg) 41 kg Packaging weight (Kg) 11 Packaging untity 11 Packaging quantity 12 Network power supply (V/Ph/Hz) 30 Sor m Packaging quantity 11 Packaging untity 12 Network power supply (Min) 365 mm Packaging period (Min) 365 mm Packaging weight (Min) 365 mm Packaging period (Min) 365 mm Packaging period (Min) 365 mm Packaging untity 11 Packaging untity 12 Remedic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge (kg) (Max) Skig Refrigerant on Min (Min) SCIP dossier no. 93/80/11-9852-4868-92dd-53aa9c96fd3b Segment usage Shipped intructions Nounting kit with grommets, bolts, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height (mm) 1016 on the min of charge (LI) Revenue of the min of t	Low value of nominal voltage at	200 V
V	60Hz [V]	
IRA Max pressure (PS) - high side Max pressure (PS) - low side Max pressure (PS) - low side MCC 30 A Model number MT2HN3CVE Motor protection Internal overload protector Mounting torque (Nm) Network power supply (V/Ph/Hz) 15 N-m Network power supply (V/Ph/Hz) 1208-230/3/60 Number of starts per hour (Max) 120 Il equalization 3/8" flare SAE Oil equalization 30 N-m Oil equalization 30 N-m Oil equalization 455 mm Packaging height [mm] 455 mm Packaging length [mm] 305 mm Packaging width [mm] 365 mm Packaging width [mm] 365 mm Packaging width [mm] 464 mm Packaging width [mm] 47 mass 48 mm Packaging vide (Mm) 49 mm Packaging vide (Mm) 40 mm 40	Low value of voltage range at 60Hz	180 V
Max pressure (PS) - high side Max pressure (PS) - low side Misc MCC 30 A Model number MT2HN3CVE Motor protection Internal overload protector Mounting torque [Nm] Internal overload protector Mounting torque [Nm] Internal overload protector Mounting torque [Nm] Network power supply [V/Ph/Hz] 208-230/3/60 Number of starts per hour (Max) I2 Oil charge [L] I3-L Oil charge [L] I3-R Oil equalization Oil equalization torque [Nm] 30 N-m Oil reference 160P Packaging height [mm] Packaging height [mm] Packaging weight [Kg] 41 kg Packaging width [mm] 305 mm Packaging width [mm] Packaging width [mm] Packing format Single pack Packing quantity I1 Phase 3 Power connections Product none connections Product Name Description MT REACH Candidate List substances Refrigerant charge [kg] [Max) Refrigerants Refrigerant pack [Max] Refrigeran	[V]	
Max pressure (PS) - low side 18.4 bar MCC 30 A Model number MT72H/N3CVE Motor protection Internal overload protector Mounting torque [Nm] 15 N-m Network power supply [V/Ph/Hz] 208-230/3/60 Number of starts per hour [Max] 12 Oil charge [L] 1.8 L Oil equalization torque [Nm] 30 N-m Oil equalization torque [Nm] 30 N-m Oil reference 160P Packaging height [mm] 455 mm Packaging height [mm] 395 mm Packaging weight [Kg] 41 kg Packaging weight [Mm] 365 mm Packing quantity 1 Packing format Single pack Packing quantity 1 Phase 3 Power connections Spade Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 5 kg Scilp dosier no. 95 afth 19-9852-486a-92dd-53aa9c96fd3b Segment usage Refrigeration MT Shipped fittings		135 A
MCC 30 A Model number MT72HNSCVE Motor protection Internal overload protector Mounting torque [Nm] 15 N-m Network power supply [V/Ph/Hz] 208-230/3/60 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] 41 kg Packing format Single pack Packing quantity 1 Phase 3 Power connections Spade Product group Hermetic compressors Product group Hermetic compressors Product Alam Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant Reg Refrigerant charge [kg] [Max] 5 kg Refrigerant charge [kg] [Max] 5 kg Refrigerant charge [kg] [Max] 5 kg Scip dosier no. 99.38/119-9852-486a-92dd-53aa9c96fd3b Segment usage Refrigeration MT Shipped fittings Suction and discharge solder sleeves, rotolock nuts, and gaskets <th></th> <th>27.8 bar</th>		27.8 bar
Model number MT72HN3CVE Motor protection Internal overload protector Mounting torque [Nm] 15 N-m Network power supply [VPh/Hz] 208-230/3/60 Number of starts per hour [Max] 12 Oil charge [L] 1.8 L Oil equalization torque [Nm] 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] 41 kg Packaging width [mm] 365 mm Packing quantity 1 Phase 3 Power connections Spade Product group Hermetic compressors Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 5 kg Refrigerant charge [kg] [Max] 5 kg Refrigerant charge [kg] [Max] 8 kg Scipped nounting Suction and discharge solder sleeves, rotolock nut	Max pressure (PS) - low side	18.4 bar
Motor protection Internal overload protector Mounting torque [Nm] 15 N-m Network power supply [V/Ph/Hz] 208-230/360 Number of starts per hour [Max] 12 Oil charge [L] 1.8 L Oil equalization 3/8" flare SAE Oil equalization 160P Packaging height [mm] 455 mm Packaging height [mm] 395 mm Packaging weight [Kg] 41 kg Packaging weight [Kg] 41 kg Packaging weight [fmm] 365 mm Packaging untity 1 1 Packaging quantity 1 1 Phase 3 Power connections Spade Product Rome Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 5 kg Refrigerant charge [kg] [Max] 6 kg Refrigerant charge [kg] [Max] 7 kg Refrigerant charge [kg] [Max] 8 kg Refrigerant charge [kg] [kg] 8 kg Refrigerant charge [kg] (kg) 8 kg Refrigerant charge [kg] 8 kg Refrigerant charge [kg	MCC	30 A
Mounting torque (Nm) 15 N-m Network power supply [V/Ph/Hz] 208-230/3/60 Number of starts per hour [Max] 12 Oil edualization 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] 41 kg Packaging width [mm] 365 mm Packing quantity 1 Phase 3 Power connections Spade Product group Hermetic compressors Product Ame Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 5 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 9b3fb119-9852-486a-92dd-53aa9c96fd3b Segment usage Refrigeration MT Shipped fittings Suction and discharge solder sleeves, rotolock nuts, and gaskets Shipped mounting Mounting kit with grommets, bolts, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [rmm] 265 mm	Model number	MT72HN3CVE
Network power supply [V/Ph/Hz] Number of starts per hour [Max] Oil charge [L] Oil charge [L] Oil equalization 3/8" flare SAE Oil equalization torque [Nm] 30 N-m Oil reference 160P Packaging height [mm] 455 mm Packaging height [fmm] 395 mm Packaging weight [Kg] 41 kg Packaging weight [Kg] Packaging weight [fmm] 365 mm Packing quantity 1 Phase 3 Power connections Spade Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Refrigerant charge [kg] [Max] Refrigerant charge [kg] [Max] Refrigerant speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 993/8119-9852-486a-92dd-53aa9c96fd3b Segment usage Refrigerations Nounting kit with grommets, bolts, nuts, sleeves and washers Shipped iil Initial oil charge Suction connection height [mm] 265 mm Shipped oil Initial oil charge Suction connection height [mm]	Motor protection	Internal overload protector
Number of starts per hour [Max] 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] 41 kg Packaging width [mm] 365 mm Packaing quantity 1 Phase 3 Power connections Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] Skg Refrigerant charge [kg] [Max] Skg Refrigerant speed at 60Hz [rpm] SCIP dossier no. 993/8h119-9852-486a-92dd-53aa9c96fd3b Segment usage Refrigeration Shipped fitting Mounting kit with grommets, bolts, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] Scip doil Initial oil charge Suction connection height [mm]	Mounting torque [Nm]	15 N-m
Oil capalization 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] 41 kg Packaging width [mm] 365 mm Packing format Single pack Packing quantity 1 Phase 3 Power connections Spade Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 5 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 9b3fb119-9852-486a-92dd-53aa9c96fd3b Segment usage Refrigeration MT Shipped fittings Suction and discharge solder sleeves, rotolock nuts, and gaskets Shipped munting Mounting kit with grommets, bolts, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 265 mm	Network power supply [V/Ph/Hz]	208-230/3/60
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] 41 kg Packaging width [mm] 365 mm Packing format Single pack Packing quantity 1 Phase 3 Power connections Spade Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 5 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 993fb119-9852-486a-92dd-53aa9c96fd3b 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, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 265 mm	Number of starts per hour [Max]	12
Oil equalization torque [Nm] 30 N-m Oil reference 160P Packaging height [mm] 455 mm Packaging length [mm] 395 mm Packaging weight [Kg] 41 kg Packaging weight [mm] 365 mm Packing format Single pack Packing quantity 1 Phase 3 Power connections Spade Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 5 kg Refrigerants R.2 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 953f5119-9852-486a-92dd-53aa9c96fd3b 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, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 265 mm	Oil charge [L]	1.8 L
Oil reference 160P Packaging height [mm] 455 mm Packaging length [mm] 395 mm Packaging weight [Kg] 41 kg Packaging widht [mm] 365 mm Packing format Single pack Packing quantity 1 Phase 3 Power connections Spade Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 5 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 9b3fb119-9852-486a-92dd-53aa9c96fd3b 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, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 265 mm	Oil equalization	3/8" flare SAE
Packaging height [mm] 455 mm Packaging length [mm] 395 mm Packaging weight [Kg] 41 kg Packaging width [mm] 365 mm Packing format Single pack Packing quantity 1 Phase 3 Power connections Spade Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 5 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 9b3fb119-9852-486a-92dd-53aa9c96fd3b 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, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 265 mm	Oil equalization torque [Nm]	30 N-m
Packaging length [mm] 395 mm Packaging weight [Kg] 41 kg Packaging width [mm] 365 mm Packing format Single pack Packing quantity 1 Phase 3 Power connections Spade Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 5 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 9b3fb119-9852-486a-92dd-53aa9c96fd3b 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, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 265 mm	Oil reference	160P
Packaging weight [Kg] 41 kg Packaging width [mm] 365 mm Packing format Single pack Packing quantity 1 Phase 3 Power connections Spade Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 5 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 9b3fb119-9852-486a-92dd-53aa9c96fd3b Segment usage Refrigeration MT Shipped fittings Suction and discharge solder sleeves, rotolock nuts, and gaskets Shipped mounting Mounting kit with grommets, bolts, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 265 mm	Packaging height [mm]	455 mm
Packaging width [mm] 365 mm Packing format Single pack Packing quantity 1 Phase 3 Power connections Spade Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 5 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 9b3fb119-9852-486a-92dd-53aa9c-96fd3b 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, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 265 mm	Packaging length [mm]	395 mm
Packing format Single pack Packing quantity 1 Phase 3 Power connections Spade Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] S kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 9b3fb119-9852-486a-92dd-53aa9c96fd3b Segment usage Refrigeration MT Shipped fittings Suction and discharge solder sleeves, rotolock nuts, and gaskets Shipped mounting Mounting kit with grommets, bolts, nuts, sleeves and washers Shipped oil Suction connection height [mm] 265 mm	Packaging weight [Kg]	41 kg
Packing quantity Phase 3 Power connections Spade Product group Hermetic compressors Product Name Description REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] S kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 9b3fb119-9852-486a-92dd-53aa9c96fd3b Segment usage Refrigeration MT Shipped fittings Suction and discharge solder sleeves, rotolock nuts, and gaskets Shipped mounting Mounting kit with grommets, bolts, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 265 mm	Packaging width [mm]	365 mm
Phase Spade Prower connections Spade Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 5 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 9b3fb119-9852-486a-92dd-53aa9c96fd3b 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, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 265 mm	Packing format	Single pack
Product group	Packing quantity	1
Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 5 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 9b3fb119-9852-486a-92dd-53aa9c96fd3b 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, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 265 mm	Phase	3
Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 5 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 9b3fb119-9852-486a-92dd-53aa9c96fd3b 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, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 265 mm	Power connections	Spade
REACH Candidate List substances Refrigerant charge [kg] [Max] Refrigerants R22 Rotational speed at 60Hz [rpm] SCIP dossier no. 9b3fb119-9852-486a-92dd-53aa9c96fd3b Segment usage Refrigeration MT Shipped fittings Suction and discharge solder sleeves, rotolock nuts, and gaskets Shipped instructions Shipped mounting Mounting kit with grommets, bolts, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 265 mm	Product group	Hermetic compressors
Refrigerant charge [kg] [Max] Refrigerants R22 Rotational speed at 60Hz [rpm] SCIP dossier no. 9b3fb119-9852-486a-92dd-53aa9c96fd3b Segment usage Refrigeration MT Shipped fittings Suction and discharge solder sleeves, rotolock nuts, and gaskets Shipped instructions Shipped mounting Mounting kit with grommets, bolts, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 265 mm	Product Name Description	MT
Refrigerants Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 9b3fb119-9852-486a-92dd-53aa9c96fd3b 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, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 265 mm	REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Rotational speed at 60Hz [rpm] SCIP dossier no. 9b3fb119-9852-486a-92dd-53aa9c96fd3b 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, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 3500 rpm 3500 rpm 9b3fb119-9852-486a-92dd-53aa9c96fd3b Suction AT White is a speed at 60Hz [rpm] Suction AT Shipped sold in the speed at 60Hz [rpm] Suction and discharge solder sleeves, rotolock nuts, and gaskets Installation instructions Shipped oil Initial oil charge	Refrigerant charge [kg] [Max]	5 kg
SCIP dossier no. 9b3fb119-9852-486a-92dd-53aa9c96fd3b 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	Refrigerants	R22
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, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 265 mm	Rotational speed at 60Hz [rpm]	3500 rpm
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	SCIP dossier no.	9b3fb119-9852-486a-92dd-53aa9c96fd3b
rotolock nuts, and gaskets Shipped instructions Shipped mounting Mounting kit with grommets, bolts, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] rotolock nuts, and gaskets Installation instructions Mounting kit with grommets, bolts, nuts, sleeves and washers 265 mm	Segment usage	Refrigeration MT
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	Shipped fittings	Suction and discharge solder sleeves,
Shipped mounting Mounting kit with grommets, bolts, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 265 mm		rotolock nuts, and gaskets
Shipped oil Initial oil charge Suction connection height [mm] 265 mm	Shipped instructions	Installation instructions
Shipped oil Initial oil charge Suction connection height [mm] 265 mm	Shipped mounting	Mounting kit with grommets, bolts,
Suction connection height [mm] 265 mm		nuts, sleeves and washers
	Shipped oil	Initial oil charge
Suction connection material -	Suction connection height [mm]	265 mm
	Suction connection material	-



PRODUCT DETAILS

Suction connection pipe size [in]	7/8 in
Suction connection size [in]	1 3/4 in
Swept volume [cm3]	120.94 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
Туре	MT072
UK RoHS compliance	Out of scope
Viscosity [cP]	32 cP
Winding resistance for three-	0.56 Ohm
phase compressors with identical	
windings [Ohm]	
Proposition 65	WARNING: Cancer and Reproductive
	Harm
	www.p65warnings.ca.gov
	-

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store 🖸

Accessories



120Z0763 🗹

Mounting, Compressor kitMounting kit 2 cylinder



120Z0576 🗷

Acoustic hood, Reciprocating

Acoustic hood for two-cylinder compressor



8153013 🗷

Connector, Solder Sleeve

Solder sleeve, P07 (1-3/4" rotolock, 7/8" ODF)



8156134 🗷

Electrical component, Terminal box

Service kit for terminal box 80 x 96 mm, including 1 cover, 1 clamp



8156009 🗷

Connector, GASKET

Gasket set, 1", 1-1/4", 1-3/4", OSG gaskets black and white

For more information, please use this link to visit the product page on Danfoss Product Store 🗷



Accessories



8156131 🗷

Connector, GASKET

Gasket, 1-1/4"



8153008 🗷

Connector, Solder Sleeve

Solder sleeve, P04 (1-1/4" rotolock, 3/4" ODF)



8156132 🗷

Connector, GASKET

Gasket, 1-3/4"

Spare Parts



7754001 🗷

Lubricant, 160P

Mineral oil, 160P, 2-litre can



7703006 🗷

Connector, Valve set

Valve set, V07 (1-3/4"~7/8"), V04 (1-1/4"~3/4")



8156145 🗷

Connector, GASKET

Gasket for oil sight glass (black chloroprene)



8168032 🗷

Connector, Rotolock service valve

Rotolock valve, V07 (1-3/4" rotolock, 7/8" ODF)



7773107 🗷

Crankcase heater, Belt heater

Belt type crankcase heater, 65 W, 230 V, CE mark, UL $\,$



7773109 🗹

Crankcase heater, Belt heater

Belt type crankcase heater, 65 W, 110 V, CE mark, UL

For more information, please use this link to visit the product page on Danfoss Product Store 🗷



Spare Parts



120Z0459 🗷

Crankcase heater, PTC heater

PTC heater 27W, CE mark, UL



8156019 🗈

Connector, Sight glass

Oil sight glass with gaskets (black and white)



8168029 🗷

Connector, Rotolock service valve

Rotolock valve, V04 (1-1/4" rotolock, 3/4" ODF)