



MT160-3VI 2

Reciprocating compressor, MT160HW3DVE

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

PRODUCT DETAILS

Gross weight	74.5 Kg
Net weight	71 Kg
Volume	100.75 Liter
EAN	5702428839877
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	4
Description	MT160-3
Diameter [mm]	352 mm
Discharge connection height [mm]	125 mm
Discharge connection pipe size [in]	3/4 in
Discharge connection size [in]	1 1/4 in
Drawing number	8504011e
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 °C
High Side TS Min	-35 ℃
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High Value of nominal voltage at 60Hz 230 V 50Hz 120 V 140 140 V	PRODUCT DETAILS	
soltat (VI) High value of voltage range at 60Hz (VI) 253 V In scope of WEEE and contain No Sabatteries PSE (with cable gland) Up rote tool radiss IP54 (with cable gland) Low Side TS Min .95 °C Low Side TS Min .35 °C Low Value of nominal voltage at 2 (20 °C) .20 °C SOHZ (VI) Product of contains and voltage range at 60Hz (VI) LRA 259 A Max pressure (PS) - high side 278 bar Max pressure (PS) - low side 184 bar MCC 70 A Model number MT15GMY30VE Model number MT16GMY30VE Model number MT16GMY30VE Mounting torque [Nm] 50 N·m Network power supply [VIPh/Hz] 200-230/360 Number of starts per hour [Max] 12 Oil cagualization 33 °C Oil equalization 33 °C frace SAE Oil equalization 33 °C frace SAE Oil equalization forque [Nm] 70 mm Packaging height [mm] 72 mm Packaging heig	High Side Volume	1.2 L
Sobzt (V) SSS 3V High value of voltage range at 60Hz 253 V VI SSS 3V In scope of WEEE and contain No Substateries PSE4 (with cable gland) Low Side TS Max 50 °C Low Side TS Min 35 °C Low Side TS Min 35 °C Low Value of nominal voltage at 20 °V 60Hz (V) WI Low Value of nominal voltage at 60Hz 180 °V Low Value of voltage range at 60Hz 180 °V LFA 259 A Max pressure (PS)- high side 27.8 bar Max pressure (PS)- shigh side 27.8 bar Max pressure (PS)- how side 184 bar MCC 70 A Model number MIT 160H/M3DVE Model number MIT 160H/M3DVE Moder protection Internal overlaad protector Mounting torque [Nm] 20 ®-20 (3/60 Number of starts per hour (Max) 12 Oil chape [Li] 39 L Oil capalization 39 °C Oil equalization torque [Nm] 20 °C <th>High value of nominal voltage at</th> <th>230 V</th>	High value of nominal voltage at	230 V
No in scope of WEEE and contain		
No in scope of WEEE and contain	High value of voltage range at 60Hz	253 V
P protection class	[V]	
Py Protection class	In scope of WEEE and contain	No
Low Side TS Max	batteries	
Low Side TS Min .35 °C Low Walke of nominal voltage at Cow value of nominal voltage at Cow value of voltage range at 60Hz (V) 200 V Cow Value of voltage range at 60Hz (V) 180 V LEA 259 A Max pressure (PS) - high side 27.8 bar Max pressure (PS) - low side 18.4 bar MCC 70 A Model number MT160HW3DVE Motor protection Internal overload protector Mounting torque (Nm) 50 Nm Network power supply (V/Ph/Hz) 208-230/360 Number of starts per hour (Max) 12 Oil charge (L) 3.9 L Oil equalization 3/8° flare SAE Oil equalization torque (Nm) 30 Nm Oil equalization 3/8° flare SAE Oil equalization torque (Im) 30 Nm Oil equalization 3/8° flare SAE Oil equalization torque (Im) 30 Nm Oil equalization (Im) 570 mm Packaging length (Imn	IP protection class	IP54 (with cable gland)
Low Side Volume	Low Side TS Max	50 °C
Low value of nominal voltage at 60Hz 180 V	Low Side TS Min	-35 ℃
60Hz [V] Low value of voltage range at 60Hz (V) US LEA 259 A Max pressure (PS) - high side 27.8 bar Max pressure (PS) - low side 18.4 bar MCC 70 A MCCH 70 A Model number MT160HW3DVE Motor protection Internal overload protector Mounting torque [Nm] 50 N-m Network power supply [VP/Hz] 20e-230/3/60 Number of starts per hour [Max] 12 Oil capalization of starts per hour [Max] 12 Oil equalization torque [Nm] 30 N-m Oil equalization torque [Nm] 570 mm Packaging height [mm] 570 mm Packaging weight [Kg] 72 kg Packaging weight [Kg] 72 kg Packing format 5ingle pack Power co	Low Side Volume	31 L
Low value of voltage range at 60Hz V V V V V V V V V V V V V	Low value of nominal voltage at	200 V
V	60Hz [V]	
LRA Max pressure (PS) - high side Max pressure (PS) - low side Mix pressure (PS) - low side MCC 70 A Model number MITGOHW3DVE Model number Motor protection Internal overload protector Mounting torque (Nm) S0 N-m Network power supply (I/Ph/Hz) 208-230/3/60 Number of starts per hour (Max) 12 Oil charge (L) 3.9 L Oil equalization 3/8" flare SAE Oil equalization 0il equalization 70 N m Oil equalization 70 N m Oil equalization 70 N m Packaging length (mm) 70 mm Packaging length (mm) 70 mm Packaging length (mm) 870 mm Packaging width (mm) 400 mm Packaging width (mm) Packing ormat Packaging vide (Nm) Single pack Packaging vide (Nm) Network over connections Product group Product group Product group Product group Product group Product group Refrigerant REAF (Acadidate List substances Refrigerant charge [kg] (Max) REAF (Acadidate List substances Refrigerants Refrigerant charge [kg] (Max) Refrigerant of the product group Refrigerant charge [kg] (Max) REAF (Acadidate List substances Refrigerant sage Refrigeration MT REAF (Acadidate List substances Refrigeration M REAF (Acadidate Li	Low value of voltage range at 60Hz	180 V
Max pressure (PS) - high side Max pressure (PS) - low side Mix MCC Model number MT160HW3DVE Motor protection Mounting torque [Nm] Mounting time [Nm] Mounting [Nm] Mounting time [Nm] Mounting [Nm] Mounting time [Nm] Mounting [Nm] Mounting time [Nm] Mounting [Nm] Mounting time [Nm] Mount	[V]	
Max pressure (PS) - low side 18.4 bar MCC 70 A MCC 70 A Model number MT160HW3DVE Motor protection Internal overload protector Mounting torque [Nm] 50 N-m Network power supply [V/Ph/Hz] 208-230/3/60 Number of starts per hour [Max] 12 Oil charge [L] 3.9 L Oil equalization torque [Nm] 30 N-m Oil equalization torque [Nm] 30 N-m Oil reference 160P Packaging height [mm] 720 mm Packaging weight [Kg] 72 kg Packaging weight [Kg] 72 kg Packaging weight [Mm] 400 mm Packing format 5ingle pack Packing format 3 Power connections Screw connectors 10-32 UNF x 9.5 Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant harge [kg] [Max] 10 kg Refrigerant harge [kg] [Max] 3500 rpm SCIP	LRA	259 A
MCC 70 A Model number MT160HW3DVE Motor protection Internal overload protector Mounting torque (Nm) 50 N-m Network power supply [V/Ph/Hz] 208-230/3/60 Number of starts per hour [Max] 12 Oil charge [L] 3.9 L Oil equalization 3/8" flare SAE Oil equalization torque [Nm] 30 N-m Oil reference 160P Packaging height [mm] 720 mm Packaging length [mm] 570 mm Packaging weight [Kg] 72 kg Packaging weight [Kg] 72 kg Packing quantity 1 Phase 3 Power connections Screw connectors 10-32 UNF x 9.5 Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant Re2 Refrigerant charge [kg] [Max] 10 kg SCIP dosier no. 6971587b-886-4808-886d-274e8a9998d4 Segment usage Refrigeration MT Shipped fi	Max pressure (PS) - high side	27.8 bar
Model number MT160HW3DVE Motor protection Internal overload protector Mounting torque [Nm] 50 N-m Network power supply [VPh/Hz] 208-236/3/60 Number of starts per hour [Max] 12 Oil capalization 3/8" flare SAE Oil equalization torque [Nm] 30 N-m Oil reference 160P Packaging height [mm] 720 mm Packaging weight [Kg] 72 kg Packaging weight [Kg] 72 kg Packaging weight [mm] 400 mm Packing format Single pack Packing quantity 1 Phase 3 Power connections Screw connectors 10-32 UNF x 9.5 Product group Hermetic compressors Product group Hermetic compressors Product Mane Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 10 kg Refrigerant charge [kg] [Max] 3500 rpm SCIP dossier no. 6971587b-85b6-4808-886d-274e8a9998d4 Segment usage Refrige	Max pressure (PS) - low side	18.4 bar
Motor protection Internal overload protector Mounting torque (Nm) 50 N-m Network power supply [V/Ph/Hz] 208-230/3/60 Number of starts per hour [Max] 12 Oil charge [L] 3.9 L Oil equalization 3/8" flare SAE Oil equalization torque [Nm] 30 N-m Oil reference 160P Packaging height [mm] 720 mm Packaging weight [Kg] 72 kg Packaging weight [Kg] 72 kg Packaging weight [mm] 400 mm Packing quantity 1 Phase 3 Power connections Screw connectors 10-32 UNF x 9.5 Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 10 kg Refrigerant sage Reg SCIP dossier no. 6971587b-85bc-4808-886d-274e8a998d4 Segment usage Refrigeration MT Shipped fittings Suction and discharge solder sleeves, rotolock nuts, and gaskets Shipped i	MCC	70 A
Mounting torque [Nm] 50 N-m Network power supply [V/Ph/Hz] 208-230/3/60 Number of starts per hour [Max] 12 Oil edge [L] 3.9 L Oil equalization 3/8" flare SAE Oil equalization torque [Nm] 30 N-m Oil reference 160P Packaging height [mm] 720 mm Packaging height [Mm] 570 mm Packaging weight [Kg] 72 kg Packaging width [mm] 400 mm Packing quantity 1 Phase 3 Power connections Screw connectors 10-32 UNF x 9.5 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] 10 kg Refrigerant speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 6971587b-85b6-4808-886d-274e8a9998d4 Segment usage Refrigeration MT Shipped fittings United Shipped mounting Mounting kit with grommets, bolts, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 233 mm	Model number	MT160HW3DVE
Network power supply [V/Ph/Hz] 208-230/3/60 Number of starts per hour [Max] 12 Oil charge [L] 3.9 L Oil equalization 3/8" flare SAE Oil equalization torque [Nm] 30 N-m Oil reference 160P Packaging height [mm] 720 mm Packaging height [Mm] 570 mm Packaging weight [Kg] 72 kg Packaging weight [Mm] 400 mm Packing quantity 1 Phase 3 Power connections Screw connectors 10-32 UNF x 9.5 Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 10 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 6971587b-85b6-4808-886d-274e8a9998d4 Segment usage Refrigeration MT Shipped fittings Suction and discharge solder sleeves, rotolock nuts, and gaskets Shipped instructions Installation instructions <	Motor protection	Internal overload protector
Number of starts per hour [Max] Oil charge [L] Oil equalization Oil equalization Oil equalization torque [Nm] Oil reference 160P Packaging height [mm] 720 mm Packaging length [mm] 720 mm Packaging weight [Kg] 72 kg Packaging width [mm] A00 mm Packing quantity 1 Phase 3 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] Refrigerant charge [kg] [Max] Refrigerant speed at 60Hz [rpm] SCIP dossier no. 6971587b-85b6-4808-886d-274e8a9998d4 Segment usage Refrigeration MT Shipped fittings Mounting kit with grommets, bolts, note, sleeves and washers Shipped oil Initial oil charge Suction connection leight [mm] Say muter speed and washers Shipped oil Initial oil charge Suction connection height [mm]	Mounting torque [Nm]	50 N-m
Oil charge [L] 3.9 L Oil equalization 3/8" flare SAE Oil equalization torque [Nm] 30 N-m Oil reference 160P Packaging height [mm] 720 mm Packaging length [mm] 570 mm Packaging weight [Kg] 72 kg Packaging width [mm] 400 mm Packing format Single pack Packing quantity 1 Phase 3 Power connections Screw connectors 10-32 UNF x 9.5 Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 10 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 6971587b-85b6-4808-886d-274e8a9998d4 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] 233 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] 720 mm Packaging length [mm] 570 mm Packaging weight [Kg] 72 kg Packaging width [mm] 400 mm Packing format Single pack Packing quantity 1 Phase 3 Power connections Screw connectors 10-32 UNF x 9.5 Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 10 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 6971587b-85b6-4808-886d-274e8a9998d4 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] 233 mm	Number of starts per hour [Max]	12
Oil equalization torque [Nm] 30 N-m Oil reference 160P Packaging height [mm] 720 mm Packaging weight [Kg] 72 kg Packaging width [mm] 400 mm Packing format Single pack Packing quantity 1 Phase 3 Power connections Screw connectors 10-32 UNF x 9.5 Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 10 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 6971587b-85b6-4808-886d-274e8a9998d4 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] 233 mm	Oil charge [L]	3.9 L
Oil reference 160P Packaging height [mm] 720 mm Packaging length [mm] 570 mm Packaging weight [Kg] 72 kg Packaging width [mm] 400 mm Packing format Single pack Packing quantity 1 Phase 3 Power connections Screw connectors 10-32 UNF x 9.5 Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 10 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 6971587b-85b6-4808-886d-274e8a9998d4 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] 233 mm	Oil equalization	3/8" flare SAE
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Packaging length [mm] 570 mm Packaging weight [Kg] 72 kg Packaging width [mm] 400 mm Packing format Single pack Packing quantity 1 Phase 3 Power connections Screw connectors 10-32 UNF x 9.5 Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 10 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 6971587b-85b6-4808-886d-274e8a9998d4 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] 233 mm	Oil reference	160P
Packaging weight [Kg] Packaging width [mm] 400 mm Packing format Single pack Packing quantity 1 Phase 3 Power connections Screw connectors 10-32 UNF x 9.5 Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 10 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 6971587b-85b6-4808-886d-274e8a9998d4 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] 233 mm	Packaging height [mm]	720 mm
Packing width [mm]400 mmPacking formatSingle packPacking quantity1Phase3Power connectionsScrew connectors 10-32 UNF x 9.5Product groupHermetic compressorsProduct Name DescriptionMTREACH Candidate List substancesLead (CAS no. 7439-92-1)Refrigerant charge [kg] [Max]10 kgRefrigerantsR22Rotational speed at 60Hz [rpm]3500 rpmSCIP dossier no.6971587b-85b6-4808-886d-274e8a9998d4Segment usageRefrigeration MTShipped fittingsSuction and discharge solder sleeves, rotolock nuts, and gasketsShipped instructionsInstallation instructionsShipped mountingMounting kit with grommets, bolts, nuts, sleeves and washersShipped oilInitial oil chargeSuction connection height [mm]233 mm	Packaging length [mm]	570 mm
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Packing quantity Phase 3 Power connections Screw connectors 10-32 UNF x 9.5 Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 10 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 6971587b-85b6-4808-886d-274e8a9998d4 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] 233 mm	Packaging width [mm]	400 mm
Phase 3 Power connections Screw connectors 10-32 UNF x 9.5 Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 10 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 6971587b-85b6-4808-886d-274e8a9998d4 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] 233 mm	Packing format	Single pack
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Product group Hermetic compressors Product Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 10 kg Refrigerants R22 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 6971587b-85b6-4808-886d-274e8a998d4 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] 233 mm		3
Product Name Description REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] Refrigerants R22 Rotational speed at 60Hz [rpm] SCIP dossier no. 6971587b-85b6-4808-886d-274e8a9998d4 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] 233 mm	Power connections	Screw connectors 10-32 UNF x 9.5
REACH Candidate List substances Refrigerant charge [kg] [Max] Refrigerants R22 Rotational speed at 60Hz [rpm] SCIP dossier no. 6971587b-85b6-4808-886d-274e8a9998d4 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]	Product group	Hermetic compressors
Refrigerant charge [kg] [Max] Refrigerants R22 Rotational speed at 60Hz [rpm] SCIP dossier no. 6971587b-85b6-4808-886d-274e8a9998d4 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] 233 mm	Product Name Description	MT
Refrigerants Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 6971587b-85b6-4808-886d-274e8a9998d4 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] 233 mm	REACH Candidate List substances	Lead (CAS no. 7439-92-1)
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SCIP dossier no. 6971587b-85b6-4808-886d-274e8a9998d4 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] 233 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] 233 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] 233 mm	SCIP dossier no.	6971587b-85b6-4808-886d-274e8a9998d4
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 233 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] 233 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] 233 mm		rotolock nuts, and gaskets
nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 233 mm	Shipped instructions	Installation instructions
Shipped oil Initial oil charge Suction connection height [mm] 233 mm	Shipped mounting	Mounting kit with grommets, bolts,
Suction connection height [mm] 233 mm		nuts, sleeves and washers
	Shipped oil	Initial oil charge
Suction connection material -	Suction connection height [mm]	233 mm
	Suction connection material	-



PRODUCT DETAILS

Suction connection pipe size [in]	1 1/8 in
Suction connection size [in]	1 3/4 in
Swept volume [cm3]	271.55 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]	540 mm
Туре	MT160
UK RoHS compliance	Out of scope
Viscosity [cP]	32 cP
Winding resistance for three-	0.28 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



8156007 🗹

Mounting, Compressor kit

Mounting kit for four-cylinder compressor and MS, including 4 grommets, 4 bolts



8156132 🗷

Connector, GASKET

Gasket, 1-3/4"



8173230 🗷

Electrical component, T block

T block connector 52 x 57 mm



120Z0577 🗹

Acoustic hood, Reciprocating

Acoustic hood for four-cylinder compressor



8156131 🗷

Connector, GASKET

Gasket, 1-1/4"

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



Accessories



8156009 🗷

Connector, GASKET

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



8156135 🗷

Electrical component, Terminal box

Service kit for terminal box 96 x 115 mm, including 1 cover, 1 clamp



8153008 🗷

Connector, Solder Sleeve

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



8153004 🗷

Connector, Solder Sleeve

Solder sleeve, P02 (1-3/4" rotolock, 1-1/8" ODF)

Spare Parts



8168028 🗷

Connector, Rotolock service valve

Rotolock valve, V02 (1-3/4" rotolock, 1-1/8" ODF)



120Z0459 🗹

Crankcase heater, PTC heater

PTC heater 27W, CE mark, UL



8156145 🗷

Connector, GASKET

Gasket for oil sight glass (black chloroprene)



8168029 🗷

Connector, Rotolock service valve

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



7754001 🗷

Lubricant, 160P

Mineral oil, 160P, 2-litre can

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



Spare Parts



8156019 🗷

Connector, Sight glass

Oil sight glass with gaskets (black and white)



7773110 🗷

Crankcase heater, Belt heater

Belt type crankcase heater, 75 W, 110 V, CE mark, UL



7703009 🗷

Connector, Valve set

Valve set, V02 (1-3/4"~1-1/8"), V04 (1-1/4"~3/4")



7754002 🗷

Lubricant, 160P

Mineral oil, 160P, 5-litre can



7773108 🗷

Crankcase heater, Belt heater

Belt type crankcase heater, 75 W, 230 V, CE mark, UL