



MT144-3VI 2

Reciprocating compressor, MT144HV3VE

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

PRODUCT DETAILS

Gross weight	72.5 Kg
Net weight	69 Kg
Volume	100.75 Liter
EAN	5702428839891
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	MT144-3
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 ℃
High Side TS Min	-35 ℃



High Side Volume 1.2 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 Victor of Victor and the contain No Description of State (State of State of Sta	PRODUCT DETAILS	
High value of nominal voltage at 80Hz VI VI VI VI VI VI VI V	High Side Volume	1.2 L
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Protection class		
Py protection class	In scope of WEEE and contain	No
Low Side T5 Max	batteries	
Low Side TS Min -35 °C Low Side Volume 31 L Low Value of nominal voltage at 60Hz (V) 200 V SONEY (V) 180 V LEA 259 A Max pressure (PS) - high side 27.8 bar Max pressure (PS) - low side 18.4 bar McC 64 A Model number MT144HV3VE Motor protection Internal overload protector Mounting torque (Nm) 50 Nm 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 Nm Oil reference 160P Packaging height (mm) 720 mm Packaging length (mm) 570 mm Packaging length (fmm) 570 mm Packaging width (fmm) 400 mm Packaging width (fmm) 1 Packaging width (fmm) 1 Packaging width (fmm) 570 mm Packaging width (fmm) 10 kg	IP protection class	IP54 (with cable gland)
Low Side Volume 31 L Low value of nominal voltage at 60Hz (V) 200 V Low value of voltage range at 60Hz (V) 180 V LRA 259 A Max pressure (PS) - high side 27.8 bar Max pressure (PS) - low side 18.4 bar MCC 64 A Model number MT14HV3VE Model number MT14HV3VE Motor protection Internal overload protector Mounting torque (Nm) 50 Nm Network power supply (VPh/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 (Irm) 720 mm Packaging weight [Kg] 72 kg Packaging weight [Kg] 72 kg Packaging width [mm] 400 mm Packing quantity 1 Phase 3 Power connections Screw connections 10-32 UNF x 9.5 Product Rome Description MT<	Low Side TS Max	50 ℃
Low value of nominal voltage at 60Hz 180 V VI VI VI VI VI VI VI	Low Side TS Min	-35 °C
	Low Side Volume	31 L
Low value of voltage range at 60Hz (V) LRA 259 A Max pressure (PS) - high side 27.8 bar Max pressure (PS) - low side 81.8 bar McC 64 A Model number MT144HV3VE Motor protection Internal overload protector Mounting torque (I/m) 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 (Nm) 160P Packaging height (mm) 720 mm Packaging height (I/m) 270 mm Packaging weight (Kg) 72 kg Packaging weight (Kg) 72 kg Packaging untith 10 Packaging quantity 11 Packaging quantity 12 Network power supply (V/Ph/Hz) 10 Packaging unith (mm) Packing format Single pack Packing quantity 11 REACH Candidate List substances Refrigerant charge (kg) (Max) Refrigerant charge (kg) (Max)	Low value of nominal voltage at	200 V
V IRA	60Hz [V]	
IRA 259 A Max pressure (PS) - high side 27.8 bar Max pressure (PS) - low side 18.4 bar MCC 64 A Model number MT144HY3VE 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 Packaging height [mm] 720 mm Packaging height [mm] 570 mm Packaging seight [mm] 400 mm Packaging width [mm] 400 mm Packing quantity 1 Phase 3 Power connections Screw connectors 10-32 UNF x 9.5 Product Name Description MT REACH Candidate List sub	Low value of voltage range at 60Hz	180 V
Max pressure (PS) - high side Max pressure (PS) - low side Misc MCC McC McC Model number MT144HV3VE Motor protection Internal overload protector Mounting torque (Im) So N-m Network power supply (I/Ph/Hz] 208-320/3/60 Number of starts per hour (Max) 12 Oil charge (L) 3.9-L Oil equalization Oil equalization torque (Im) 30 N-m Oil reference 160P Packaging height (Imn) 720 mm Packaging length (Imn) Packaging weight (Kg) 72 kg Packaging width (Imm) 400 mm Packaging width (Imm) Packing orunati 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 Refrigerant charge (kg) (Max) Refrigerants Refrigerant pack (Kg) Refrigerant	[V]	
Max pressure (PS) - low side 18.4 bar MCC 64 A MCD 64 A Model number MT144HV3VE 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 equalization torque [Nm] 30 N·m Oil equalization torque [Nm] 720 mm Packaging height [mm] 720 mm Packaging height [mm] 720 mm Packaging height [Mm] 400 mm Packaging weight [Mm] 400 mm Packing guantity 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 Leaf (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 10 kg Refriger		259 A
MCC 64 A Model number MT14HHY3VE 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 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 Reg Refrigerant charge [kg] [Max] 10 kg Refrigerant charge [kg] [Max] 3500 rpm SCIP dossier no.	Max pressure (PS) - high side	27.8 bar
Model number MT144HV3VE Motor protection Internal overload protector Mounting torque [Nm] 50 N-m Network power supply [VPh/Hz] 208-230/3/60 Number of starts per hour [Max] 12 Oil charge [L] 3.9 L Oil equalization torque [Nm] 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 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 charge [kg] [Max] 300 rpm SCIP dossier no. 6971587b-856-4808-886d-274e8a9998d4 Segment usage Refr	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] 208-230/360 Number of starts per hour [Max] 12 Oil charge [L] 3.9 L Oil equalization 3/8" flare SAE Oil equalization 160P Packaging height [mm] 720 mm Packaging height [mm] 720 mm Packaging weight [Kg] 72 kg Packaging weight [Kg] 72 kg Packaging width [mm] 400 mm Packaging untity 1 1 Packaging quantity 1 1 Phase 3 Power connections Screw connectors 10-32 UNF x 9.5 Product Rome Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 10 kg Refrigerant charge [kg] [Max] 8300 rpm SCIP dossier no. 6971587b-856-4808-886d-27468a9986d Segment usage Refrigeration MT Shipped fittings Long and substances Installation instructions Shipped oil Initial oil charge Suction connection height [mm] 33 mm	MCC	64 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 edualization 3/8" flare SAE Oil equalization torque (Nm) 30 N-m Oil reference 160P Packaging height [mm] 720 mm Packaging height [Kg] 72 kg 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 Ame 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 oil Initial oil charge Suction connection height [rmm] 233 mm	Model number	MT144HV3VE
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] 720 mm Packaging height [fmm] 720 mm Packaging weight [Kg] Packaging weight [Kg] Packaging weight [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 Refrigerant charge [kg] [Max] Refrigerant charge [kg] [Max] Refrigerant speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 69715878-85b6-4808-886d-274e8a9998d4 Segment usage Refrigeration my Finited oil Nounting kit with grommets, bolts, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 233 mm	Motor protection	Internal overload protector
Number of starts per hour [Max] Oil charge [L] Oil equalization Oil equalization torque [Nm] Oil reference 160P Packaging height [mm] 720 mm Packaging height [mm] 720 mm Packaging weight [Kg] 72 kg Packaging width [mm] 400 mm Packing quantity 1 Phase 3 Power connections Product group Hermetic compressors Product Name Description REACH Candidate List substances Refrigerant charge [kg] [Max] Refrigerant charge [kg] Ref	Mounting torque [Nm]	50 N-m
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 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 munting 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 length [mm] 570 mm 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 Name Description MT REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] 10 kg Refrigerants R.2 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-274e8a9986d 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 Shipped oil Initial oil charge Suction connection height [mm] 233 mm	Oil equalization	3/8" flare SAE
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 Refrigerant charge [kg] [Max] 8200 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	Oil equalization torque [Nm]	30 N-m
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
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 and discharge solder sleeves, rotolock nuts, and gaskets Shipped fittings Installation instructions Shipped mounting Mounting kit with grommets, bolts, nuts, sleeves and washers Shipped oil Suction connection height [mm] 233 mm	Packaging length [mm]	570 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 weight [Kg]	72 kg
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 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
Power connections Screw connectors 10-32 UNF x 9.5	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] 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	Phase	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 Shipped mounting Mounting kit with grommets, bolts, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 233 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)
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	Refrigerant charge [kg] [Max]	10 kg
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
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]	241.87 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	MT144
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
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For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store 🖸

Accessories



8153008 🗷

Connector, Solder Sleeve

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



8156132 🗷

Connector, GASKET

Gasket, 1-3/4"



8156131 🗷

Connector, GASKET

Gasket, 1-1/4"



120Z0577 🗷

Acoustic hood, Reciprocating

Acoustic hood for four-cylinder compressor



8153004 🗷

Connector, Solder Sleeve

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

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



Accessories



8156135 🗷

Electrical component, Terminal box

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



8156009 🗷

Connector, GASKET

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



8156007 🗷

Mounting, Compressor kit

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



8173230 🗈

Electrical component, T block

T block connector 52 x 57 mm

Spare Parts



7754001 🗷

Lubricant, 160P

Mineral oil, 160P, 2-litre can



7754002 🗷

Lubricant, 160P

Mineral oil, 160P, 5-litre can



8156019 🗷

Connector, Sight glass

Oil sight glass with gaskets (black and white)



120Z0459 🗷

Crankcase heater, PTC heater

PTC heater 27W, CE mark, UL



7773108 🗹

Crankcase heater, Belt heater

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

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



Spare Parts



8156145 🗷

Connector, GASKET

Gasket for oil sight glass (black chloroprene)



8168028 2

Connector, Rotolock service valve

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



8168029 🗷

Connector, Rotolock service valve

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



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")