



MT80-3VI ☑

Reciprocating compressor, MT80HP3CVE

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

PRODUCT DETAILS

| I RODUCT DETAILS | |
|-------------------------------------|--|
| Gross weight | 44.5 Kg |
| Net weight | 42 Kg |
| Volume | 61.54 Liter |
| EAN | 5702428839532 |
| 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 | MT080-3 |
| 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 | 8502011e |
| 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] | 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 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 PSC4 (with cable gland) Use Side TS Max 50 °C Low Side TS Min -33 °C Low Side Voltume 16.5 L Low Value of nominal voltage at 200 V 60Hz IVI Use value of voltage range at 60Hz Low Value of voltage range at 60Hz 180 V VI Use value of voltage range at 60Hz 180 V VI Use value of voltage range at 60Hz 180 V VI Use value of voltage range at 60Hz 180 V VI Use value of voltage range at 60Hz 180 V VI Use value of voltage range at 60Hz 27.8 bar Max pressure (PS) - high side 27.8 bar Max pressure (PS) - high side 27.8 bar Max pressure (PS) - high side 27.8 bar More of starts per hour Max 18.4 bar MCC 36 A | 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 WEEE and contain No batteries Profescion class IPS4 (with cable gland) Low Side TS Min 35 °C Low Side TS Min 35 °C Low Side TS Min 105 L Low Side TS Min 200 °C Low Side TS Min 105 L Low Value of nominal voltage at 200 °C 60Hz [VI] WINTER CARD (MINTER) Low Value of voltage range at 60Hz 180 °V LOW Value of voltage range at 60Hz 180 °V LOW Value of voltage range at 60Hz 180 °V LOW Value of voltage range at 60Hz 180 °V LOW Value of voltage range at 60Hz 180 °V LOW Value of voltage range at 60Hz 180 °V LOW Value of voltage range at 60Hz 180 °V LOW Value of voltage range at 60Hz 180 °V LOW Value of voltage range at 60Hz 180 °V LOW Value of voltage range at 60Hz 180 °V LOW Value of voltage range at 60Hz 180 °V MCC 30 °A Mocting Type range and 60Hz 180 °V < | | |
| 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 Week and Week and Week and Week and WEEE and Contain In scope of Week and W | | |
| 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 Week and Week and Week and Week and WEEE and Contain In scope of Week and W | High value of voltage range at 60Hz | |
| 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 16.5 L Low Value of nominal voltage at 60Hz (V) 200 V SOHZ (V) 180 V VI 140 A Max pressure (PS) - high side 27.8 bar Max pressure (PS) - low side 18.4 bar McC 36 A Model number MT80HP3CVE 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 equalization 3/8° flare SAE Oil equalization | IP protection class | IP54 (with cable gland) |
| Low Side Volume | 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 ℃ |
| | Low Side Volume | 16.5 L |
| Low value of voltage range at 60Hz (V) LRA 140 A 140 A Max pressure (PS) - high side 27.8 bar Max pressure (PS) - low side 81.8 4 bar McC 36 A Model number Mt80HP3CVE 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 length (mm) 395 mm Packaging weight (Kg) 44 kg Packaging weight (Kg) 44 kg Packaging untith 10 Packaging quantity 11 Packaging quantity 12 Network power supply (V/Ph/Hz) 30 Server connections Screw connectors 10-32 UNF x 9.5 Product Name Description MT REACH Candidate List substances Refrigerant charge (kg) (Max) Skipped at 60 KP (LS) Skipped oil Shipped oil Initial oil charge Nounting kit with grommets, bolts, nuts, sleeves and washers Initial oil charge Skipped oil Initial oil charge Skipped oil Initial oil charge Skipped oil | Low value of nominal voltage at | 200 V |
| V | 60Hz [V] | |
| IRA Max pressure (PS) - high side Max pressure (PS) - low side Mix pressur | Low value of voltage range at 60Hz | 180 V |
| Max pressure (PS) - high side Max pressure (PS) - low side Mischard MCC McC Model number MisoHP3CVE Motor protection Internal overload protector Mounting torque (Im) Network power supply (I/Ph/Hz] Desayal/s/60 Number of starts per hour (Max) I2 Oil charge (L) I3.8 Oil equalization Oil equalization torque (Im) Oil reference I60P Packaging height (Imn) Packaging weight (Kg) Packaging width (Imm) Packaging width (Imm) Packaging width (Imm) Packaging width (Imm) Packing orunati Packing orunati Packing orunati Packing quantity I Phase Sorew 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) | [V] | |
| Max pressure (PS) - low side MCC 36 A MT80HP3CVE 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 and incompose [Nm] 455 mm Packaging height [mm] 455 mm Packaging length [mm] 395 mm Packaging weight [Kg] Packaging width [mm] 365 mm Packaing quantity 1 Pasking quantity 1 Pasking quantity 1 REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] Refrigerant charge [kg] [Max] Refrigerant charge [kg] [Max] Refrigerant charge [kg] [Max] Refrigerant suage Refrigerant will substances Refrigerant charge [kg] [Max] Refrigerant suage Refrigerant suage Refrigerant suage Refrigerant suage Refrigerant charge [kg] [Max] Refrigerant suage 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 | | 140 A |
| MCC 36 A Model number MT80HP3CVE 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] 44 kg Packing governat 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] 5 kg Refrigerant charge [kg] [Max] 5 kg SCIP dossier no. 99.35/119-9852-486a-92dd-53aa9c96fd3b Segm | | 27.8 bar |
| Model number MT80HP3CVE 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] 44 kg Packaging width [mm] 365 mm Packaing duantity 1 Packaging vide and to the substances 10 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] 5 kg Refrigerant charge [kg] [Max] 5 kg Refrigerant speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 99:3fh119-9852-486a-92dd-53aa9c96fd3b Segment usage Refrigeration MT Shipped fittings Mounting kit with grommets, bolts, nuts, sleeves and washers Shipped oil Initial oil charge Suction onnection height [mm] 465 mm | 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] 44 kg Packaging weight [Kg] 44 kg Packaging weight [fmm] 365 mm Packaging untity 1 Packaging quantity 1 Packaging quantity 1 Packaging untity 2 Bering untity 2 Bering untity 2 Bering untity 3 Segue untity 3 Segue untity 3 Segue untity 3 Segue untity 4 Segue untity 5 Segue untity 6 S | MCC | 36 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 height [Kg] 44 kg Packaging weight [Kg] 44 kg Packaging width [mm] 365 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] 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 [rm] 265 mm | Model number | MT80HP3CVE |
| 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] 44 kg Packaging weight [Kg] Packaging weight [fmm] 365 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] Sk g Refrigerant charge [kg] [Max] Refrigerant speed at 60Hz [rpm] SCIP dossier no. 993/6119-9852-486a-92dd-53aa9c96fd3b Segment usage Refrigerations Shipped munting Mounting kit with grommets, bolts, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] 265 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] 44 kg Packaging weight [fmm] 365 mm Packaging weight [mm] 365 mm Packaging unitity 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] 5 kg Refrigerant charge [kg] [Max] 5 kg Refrigerant speed at 60Hz [rpm] SCIP dossier no. 993/fb119-9852-486a-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] 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] 44 kg Packaging width [mm] 365 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] 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] 44 kg Packaging width [mm] 365 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] 5 kg Refrigerants R2 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] 44 kg Packaging weight [mm] 365 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] 5 kg Refrigerants R.2 Rotational speed at 60Hz [rpm] 3500 rpm SCIP dossier no. 953fb119-9852-486a-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] 44 kg Packaging width [mm] 365 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] 5 kg Refrigerant sangle [kg] [Max] 822 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] 44 kg Packaging width [mm] 365 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] 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] 44 kg Packaging width [mm] 365 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] 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] Packaging width [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] S kg Refrigerants R 22 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 mounting Mounting kit with grommets, bolts, nuts, sleeves and washers Shipped oil Initial oil charge Suction connection height [mm] | Packaging height [mm] | 455 mm |
| Packaging width [mm] 365 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] 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 length [mm] | 395 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] 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 weight [Kg] | 44 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] 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 width [mm] | 365 mm |
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| 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] 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 REACH Candidate List substances Lead (CAS no. 7439-92-1) Refrigerant charge [kg] [Max] S kg 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 | 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. 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 |
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| Suction connection pipe size [in] | 1 1/8 in |
|-----------------------------------|----------------------------------|
| Suction connection size [in] | 1 3/4 in |
| Swept volume [cm3] | 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 |
| Туре | MT080 |
| UK RoHS compliance | Out of scope |
| Viscosity [cP] | 32 cP |
| Winding resistance for three- | 0.49 Ohm |
| phase compressors with identical | |
| windings [Ohm] | |
| Proposition 65 | WARNING: Cancer and Reproductive |
| | Harm |
| | www.p65warnings.ca.gov |
| | - |

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Accessories



8153008 🗷

Connector, Solder Sleeve

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



8156009 🗷

Connector, GASKET

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



8173230 🗷

Electrical component, T block

T block connector 52 x 57 mm



120Z0576 🗷

Acoustic hood, Reciprocating

Acoustic hood for two-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



8156132 🗷

Connector, GASKET

Gasket, 1-3/4"



120Z0761 🗷

Mounting, Compressor kit

Mounting kit 2 cylinder HP



8153004 🗷

Connector, Solder Sleeve

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



8156135 🗷

Electrical component, Terminal box

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

Spare Parts



8156019 🗷

Connector, Sight glass

Oil sight glass with gaskets (black and white)



7703009 🗷

Connector, Valve set

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



8156145 🗷

Connector, GASKET

Gasket for oil sight glass (black chloroprene)



120Z0459 🗷

Crankcase heater, PTC heater

PTC heater 27W, CE mark, UL



7773107 🗹

Crankcase heater, Belt heater

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

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



Spare Parts



7773109 🗷

Crankcase heater, Belt heater

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



8168028 🗷

Connector, Rotolock service valve

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



7754001 🗷

Lubricant, 160P

Mineral oil, 160P, 2-litre can



8168029 🗷

Connector, Rotolock service valve

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