



MT36-4VI 2

Reciprocating compressor, MT36JG4FVE

Refrigerants: R22, Segment usage: Refrigeration MT, Compressor power supply [V/Ph/Hz]: 400/3/50 460/3/60

PRODUCT DETAILS

Gross weight 27.88 kg Net weight 26.005 kg Volume 38.61 Liter EAN 5702428839716 Approval standard CCC Lee UL Brand technique Reciprocating compressor Capacity control Fiked speed Colour Blue Compessor power supply [V/Ph/ 400/3/50 460/3/60 Hzl T Connection type Rotolock Colinguration code Single Connection type Rotolock Cylinder 1 Description MT036-4 Discharge connection height [mm] 224 mm Discharge connection pipe size [in] 1/2 in Discharge connection size [in] 1/2 in Fitting sin umber No Factory IP [b	I NODUCI DEIAILS	
Volume 38.61 Liter EAN 5702428839716 Approval standard CCC	Gross weight	27.88 Kg
EAN 5702428839716 Approval standard CCC CE UL Brand technique Reciprocating compressor Capacity control Fixed speed Colour Blue Compressor power supply IV/Ph/ 40073/50 46073/60 Hz] Configuration code Single Connection type Rotolock Cylinder 1 Description M7036-4 Discharge connection height [mm] 68 mm Discharge connection pipe size [in] 1/2 in Discharge connection size [in	Net weight	26.005 Kg
Approval standard CCC CE UL Brand technique Reciprocating compressor Capacity control Fixed speed Colour Blue Compressor power supply [V/Ph/ Hz] Configuration code Single Connection type Rotolock Cylinder 1 Description MT036-4 Diameter [mm] 224 mm Discharge connection height [mm] Bischarge connection size [in] Dirawing number Rotolock Conomiter No Factory HP [bar] Factory LP [bar] Factory LP [bar] Fitting sleave Fitting standard Rotolock Gauge port LP Generation code Giass monting Giass torque [Nm] Fitty Side max pressure [Ps) High Sidet TS Max 150 °C CCC CE UL CCC CE UL CE UL CE CH CH CAC CE CE UL CE CE UL CE CE UL CE CE UL CE CE CE CE UL CE CE CE CE UL CE CE CE UL CE CE CE CE CE UL CE CE CE CE UL CE CE CE CE UL CE CE CE CE CE CE UL CE CE CE CE UL CE	Volume	38.61 Liter
Brand technique Reciprocating compressor Capacity control Fixed speed Colour Blue Compressor power supply [V/Ph/ Hz] 400/3/50 460/3/60 Hz1 Configuration code Single Connection type Rotolock Cylinder 1 Description MT036-4 Discharge connection height [mm] 68 mm Discharge connection pipe size [in] 1/2 in Discharge connection pipe size [in] 1 in Drawing number 8501025f Economizer No Factory IP [bar] 25 bar Factory IP [bar] 25 bar Factory IP [bar] 25 bar Family MT Fitting seave ODF Fitting sleeve ODF Fitting sleeve ODF Gauge port IP None Gauge port LP Schrader Generation code E Glass mounting Threaded Glass torque [Nm] 50 N-m GP L Porque [Nm] 15 N-m High side max pressure (Ps) 29.4 bar High Side TS Max 150 °C High Side TS Min -35 °C	EAN	5702428839716
Brand technique Reciprocating compressor Capacity control Fixed speed Colour Blue Compressor power supply [V/Ph/ 400/3/50 460/3/60 Hz] Compressor power supply [V/Ph/ Lz Single Connection type Rotolock Cylinder 1 Description MT036-4 Diameter [mm] 224 mm Discharge connection height [mm] 68 mm Discharge connection pipe size [in] 1/2 in Discharge connection size [in] 1 in Drawing number 8501025f Economizer No Factory HP [bar] 25 bar Factory LP [bar] 25 bar Family MT Fitting remark (shipped with rotolock version only) Fitting standard Rotolock Gauge port LP Schrader Generation code E Generation code E Generation code E Generation code E Glass torque [Nm] 50 N-m	Approval standard	CCC
Brand technique Reciprocating compressor Capacity control Fixed speed Colour Blue Compressor power supply [V/Ph/ 400/3/50 460/3/60 Hz] Comfiguration code Connection type Rotolock Cylinder 1 Description MT036-4 Diameter [mm] 224 mm Discharge connection height [mm] 68 mm Discharge connection size [in] 1 /2 in Discharge connection size [in] 1 in Drawing number 8501025f Economizer No Factory LP [bar] 25 bar Factory LP [bar] 25 bar Family MT Fitting remark (shipped with rotolock version only) Fitting steeve ODF Fitting standard Rotolock Gauge port LP None Gauge port LP None Gauge port LP Schrader Generation code E Glass mounting Threaded Glass torque [Nm] 50 N-m		CE
Capacity control Fixed speed Colour Blue Compressor power supply [V/Ph/ 400/3/50 460/3/60 Hz] The configuration code Configuration code Single Connection type Rotolock Cylinder 1 Description MT036-4 Diameter [mm] 224 mm Discharge connection height [mm] 68 mm Discharge connection pipe size [in] 1/2 in Discharge connection size [in] 1 in Drawing number 8501025f Economizer No Factory HP [bar] 25 bar Factory LP [bar] 25 bar Farmily MT Fitting remark (shipped with rotolock version only) Fitting sleeve ODF Fitting standard Rotolock Gauge port LP Schrader Gauge port LP Schrader Generation code E Glass mounting Threaded Glass mounting Threaded Glass mounting Threaded High Side max pressure (Ps) 29.4 bar High Side TS Max 150 °C High Side TS Max 150 °C		UL
Colour Blue Compressor power supply [V/Ph/ 400/3/50 460/3/60 Hz] Configuration code Single Connection type Rotolock Cylinder 1 Description MT036-4 Dismeter [mm] 224 mm Discharge connection height [mm] 68 mm Discharge connection size [in] 1/2 in Discharge connection size [in] 1 in Drawing number 8501025f Economizer No 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 Gauge port HP None Gauge port LP Schrader Generation code E Glass mounting Threaded Glass torque [Nm] 50 N-m GP LP torque [Nm] 50 N-m High side max pressure (Ps) 29.4 bar High Side TS Max		
Compressor power supply (V/Ph/ Hz) Configuration code Single Connection type Rotolock Cylinder 1 Description MT036-4 Diameter [mm] 224 mm Discharge connection height [mm] Discharge connection pipe size [in] Discharge connection size [in] Drawing number 8501025f Economizer No Factory LP [bar] Factory LP [bar] Family MT Fitting remark (shipped with rotolock version only) Fitting standard Rotolock Gauge port LP Gauge port LP Generation code E Glass mounting Glass mounting Glass to que [lm] High side max pressure (Ps) High side TS Max High side TS Min Pictory LP (Sa) Single Am7000cc Am700cc Am7000cc Am7000cc Am7000cc Am7000cc Am7000cc Am7000cc Am70	Capacity control	Fixed speed
Hz] Configuration code Single Connection type Rotolock Cylinder 1 Description MT036-4 Diameter [mm] 224 mm Discharge connection height [mm] 68 mm Discharge connection size [in] 1/2 in Discharge connection size [in] 1 in Drawing number 8501025f Economizer No Factory LP [bar] 25 bar Factory LP [bar] 25 bar Family MT Fitting remark (shipped with rotolock version only) Fitting sleeve ODF Fitting standard Rotolock Gauge port LP Schrader Generation code E Glass mounting Threaded Glass torque [Nm] High side max pressure (Ps) High Side TS Max High Side TS Max High Side TS Min Pactor Configuration Rotolock	Colour	Blue
Configuration code Connection type Rotolock Cylinder 1 Description MT036-4 Diameter [mm] Discharge connection height [mm] Discharge connection pipe size [in] Discharge connection size [i	Compressor power supply [V/Ph/	400/3/50 460/3/60
Connection type Cylinder 1 Description MT036-4 Diameter [mm] 224 mm Discharge connection height [mm] Discharge connection pipe size [in] Discharge connection size [in] Discharge connection size [in] Drawing number 8501025f Economizer No Factory HP [bar] 25 bar Factory LP [bar] Amily MT Fitting remark (shipped with rotolock version only) Fitting standard Rotolock Gauge port HP None Gauge port LP Generation code E Glass mounting Threaded Glass torque [Nm] Glast GM xx High Side TS Max 150 °C High Side TS Max 150 °C High Side TS Max 150 °C High Side TS Max 150 °C High Side TS Max 150 °C High Side TS Min MT036-4 MT0		
Cylinder	Configuration code	Single
Description MT036-4 Diameter [mm] 224 mm Discharge connection height [mm] 68 mm Discharge connection pipe size [in] 1/2 in Discharge connection size [in] 1 in Drawing number 8501025f Economizer No 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 Gauge port HP None Gauge port LP Schrader Generation code E Glass mounting Threaded Glass torque [Nm] 50 N-m GP LP torque [Nm] 15 N-m High side max pressure (Ps) 29.4 bar High Side TS Max 150 ℃ High Side TS Max 150 ℃ High Side TS Max 150 ℃ High Side TS Min	Connection type	Rotolock
Diameter [mm] 224 mm Discharge connection height [mm] 68 mm Discharge connection pipe size [in] 1/2 in Discharge connection size [in] 1 in Drawing number 8501025f Economizer No Factory HP [bar] 25 bar Family MT Fitting remark (shipped with rotolock version only) Fitting sleeve ODF Fitting standard Rotolock Gauge port HP None Gauge port LP Schrader Generation code E Glass mounting Threaded Glass torque [Nm] 50 N·m GP LP torque [Nm] 15 N·m High Side TS Max 150 °C High Side TS Min -35 °C	Cylinder	1
Discharge connection height [mm] 68 mm Discharge connection pipe size [in] 1/2 in Discharge connection size [in] 1 in Drawing number 8501025f Economizer No Factory HP [bar] 25 bar Family MT Fitting remark (shipped with rotolock version only) Fitting sleeve ODF Fitting standard Rotolock Gauge port HP None Gauge port LP Schrader Generation code E Glass mounting Threaded Glass torque [Nm] 50 N·m GP LP torque [Nm] 15 N·m High side max pressure (Ps) 29.4 bar High Side TS Max 150 °C High Side TS Min -35 °C	Description	MT036-4
Discharge connection pipe size [in] 1/2 in Discharge connection size [in] 1 in Drawing number 8501025f Economizer No Factory HP [bar] 25 bar Family MT Fitting remark (shipped with rotolock version only) Fitting sleeve ODF Fitting standard Rotolock Gauge port HP None Gauge port LP Schrader Generation code E Glass mounting Threaded Glass torque [Nm] 50 N-m GP LP torque [Nm] 15 N-m High side max pressure (Ps) 29.4 bar High Side TS Max 150 °C High Side TS Min -35 °C		224 mm
Discharge connection size [in] 1 in Drawing number 8501025f Economizer No Factory HP [bar] 25 bar Family MT Fitting remark (shipped with rotolock version only) Fitting sleeve ODF Fitting standard Rotolock Gauge port HP None Gauge port LP Schrader Generation code E Glass mounting Threaded Glass torque [Nm] 50 N-m GP LP torque [Nm] 15 N-m High side max pressure (Ps) 29.4 bar High Side TS Max 150 °C High Side TS Min -35 °C	Discharge connection height [mm]	68 mm
Drawing number8501025fEconomizerNoFactory HP [bar]25 barFactory LP [bar]25 barFamilyMTFitting remark(shipped with rotolock version only)Fitting sleeveODFFitting standardRotolockGauge port HPNoneGauge port LPSchraderGeneration codeEGlass mountingThreadedGlass torque [Nm]50 N-mGP LP torque [Nm]15 N-mHigh side max pressure (Ps)29.4 barHigh Side TS Max150 °CHigh Side TS Min-35 °C	Discharge connection pipe size [in]	1/2 in
Economizer Factory HP [bar] Factory LP [bar] Family MT Fitting remark (shipped with rotolock version only) Fitting standard Gauge port HP None Gauge port LP Generation code E Glass mounting Glass mounting Threaded Glass torque [Nm] GP LP torque [Nm] High side max pressure (Ps) High Side TS Max High Side TS Max High Side TS Max High Side TS Min 25 bar MT (shipped with rotolock version only) MT (shipped with rotolock version only) MT Schipped with rotolock version only) Fitting Sara No Fort School 15 bar 15 bar 150 °C High Side TS Max High Side TS Max High Side TS Min AT Toronto Table TS Max High Side TS Min AT Toronto Table TS Max High Side TS Min No Toronto Table TS Max High Side TS Min AT Toronto Table TS Max High Side TS Min Toronto Table TS Max High Side TS Min No Toronto Table TS Max High Side TS Min No Toronto Table TS Max High Side TS Min No Toronto Table TS Max High Side TS Min No Toronto Table TS Max High Side TS Min No Toronto Table TS Max High Side TS Min No Toronto Table TS Max High Side TS Min No Toronto Table TS Max High Side TS Min No Toronto Table TS Max High Side TS Min No Toronto Table TS Max High Side TS Min No Toronto Table TS Max High Side TS Min No Toronto Table TS Max High Side TS Min No Toronto Table TS Max High Side TS Min No Toronto Table TS Max High Side TS Min No Toronto Table TS Max High Side TS Min No Toronto Table TS Max High Side TS Min No Toronto Table TS Max High Side TS Min No Toronto Table TS Max High Side TS Min No Toronto Table TS Max High Side TS Min Toronto Table TS Max To	Discharge connection size [in]	1 in
Factory HP [bar] Factory LP [bar] Family MT Fitting remark (shipped with rotolock version only) Fitting sleeve ODF Fitting standard Rotolock Gauge port HP None Gauge port LP Schrader Generation code E Glass mounting Threaded Glass torque [Nm] GP LP torque [Nm] High side max pressure (Ps) High Side TS Max 150 °C High Side TS Min	Drawing number	8501025f
Factory LP [bar] Family MT Fitting remark (shipped with rotolock version only) Fitting sleeve ODF Fitting standard Rotolock Gauge port HP None Gauge port LP Schrader Generation code E Glass mounting Threaded Glass torque [Nm] GP LP torque [Nm] High side max pressure (Ps) High Side TS Max 150 °C High Side TS Min	Economizer	No
Family MT Fitting remark (shipped with rotolock version only) Fitting sleeve ODF Fitting standard Rotolock Gauge port HP None Gauge port LP Schrader Generation code E Glass mounting Threaded Glass torque [Nm] 50 N-m GP LP torque [Nm] 15 N-m High side max pressure (Ps) 29.4 bar High Side TS Max 150 °C High Side TS Min -35 °C	Factory HP [bar]	25 bar
Fitting remark Fitting sleeve ODF Fitting standard Rotolock Gauge port HP None Gauge port LP Schrader Generation code E Glass mounting Threaded Glass torque [Nm] 50 N-m GP LP torque [Nm] High side max pressure (Ps) High Side TS Max 150 °C High Side TS Min (shipped with rotolock version only) ODF Rotolock Rotolock Rotolock Rotolock Foora Schrader 50 N-m 15 N-m 15 N-m 15 N-m 15 N-m 150 °C High Side TS Min -35 °C	Factory LP [bar]	25 bar
Fitting sleeve ODF Fitting standard Rotolock Gauge port HP None Gauge port LP Schrader Generation code E Glass mounting Threaded Glass torque [Nm] 50 N-m GP LP torque [Nm] 15 N-m High side max pressure (Ps) 29.4 bar High Side TS Max 150 °C High Side TS Min -35 °C	Family	MT
Fitting standard Gauge port HP None Gauge port LP Schrader Generation code E Glass mounting Threaded Glass torque [Nm] 50 N-m GP LP torque [Nm] High side max pressure (Ps) High Side TS Max High Side TS Min Rotolock Rotolock Rotolock Rotolock Rotolock Schrader E 29.4 bar High Side TS Max 150 °C High Side TS Min -35 °C	Fitting remark	(shipped with rotolock version only)
Gauge port HP None Gauge port LP Schrader Generation code E Glass mounting Threaded Glass torque [Nm] 50 N-m GP LP torque [Nm] 15 N-m High side max pressure (Ps) 29.4 bar High Side TS Max 150 °C High Side TS Min -35 °C	Fitting sleeve	ODF
Gauge port LP Schrader Generation code E Glass mounting Threaded Glass torque [Nm] 50 N-m GP LP torque [Nm] 15 N-m High side max pressure (Ps) 29.4 bar High Side TS Max 150 °C High Side TS Min -35 °C	Fitting standard	Rotolock
Generation code E Glass mounting Threaded Glass torque [Nm] 50 N-m GP LP torque [Nm] 15 N-m High side max pressure (Ps) 29.4 bar High Side TS Max 150 °C High Side TS Min -35 °C	Gauge port HP	None
Glass mounting Threaded Glass torque [Nm] 50 N-m GP LP torque [Nm] 15 N-m High side max pressure (Ps) 29.4 bar High Side TS Max 150 °C High Side TS Min -35 °C	Gauge port LP	Schrader
Glass torque [Nm] 50 N-m GP LP torque [Nm] 15 N-m High side max pressure (Ps) 29.4 bar High Side TS Max 150 °C High Side TS Min -35 °C	Generation code	E
GP LP torque [Nm] 15 N-m High side max pressure (Ps) 29.4 bar High Side TS Max 150 °C High Side TS Min -35 °C	Glass mounting	Threaded
High side max pressure (Ps)29.4 barHigh Side TS Max150 °CHigh Side TS Min-35 °C	Glass torque [Nm]	50 N-m
High Side TS Max 150 °C High Side TS Min -35 °C	GP LP torque [Nm]	15 N-m
High Side TS Min -35 °C	High side max pressure (Ps)	29.4 bar
- <u>-</u>	High Side TS Max	150 °C
High Side Volume 0.3 L	High Side TS Min	-35 °C
	High Side Volume	0.3 L



PRODUCT DETAILS	
High value of nominal voltage at	400 V
50Hz [V]	
High value of nominal voltage at	460 V
60Hz [V]	
High value of voltage range at 50Hz	460 V
[V]	
High value of voltage range at 60Hz	506 V
[V]	
Low side max pressure (Ps)	18.4 bar
Low Side TS Max	50 °C
Low Side TS Min	-35 ℃
Low Side Volume	7.5 L
Low value of nominal voltage at	380 V
50Hz [V]	
Low value of nominal voltage at	460 V
60Hz [V]	
Low value of voltage range at 50Hz	340 V
[V]	
Low value of voltage range at 60Hz	414 V
[V]	
LRA	38 A
MCC	9 A
Model number	MT36JG4FVE
Motor protection	Internal overload protector
Mounting torque [Nm]	15 N-m
Network power supply [V/Ph/Hz]	380-415/3/50 460/3/60
Nominal cooling capacity 60 kBTU/	37.88 kBtu/h
h	
h Nominal cooling capacity at 50Hz	8.5 kW
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz	8.5 kW 11.1 kW
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max]	8.5 kW 11.1 kW 12
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max] Oil charge [L]	8.5 kW 11.1 kW 12 0.95 L
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max] Oil charge [L] Oil equalization	8.5 kW 11.1 kW 12 0.95 L 3/8" flare SAE
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max] Oil charge [L] Oil equalization Oil equalization torque [Nm]	8.5 kW 11.1 kW 12 0.95 L 3/8" flare SAE 30 N-m
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max] Oil charge [L] Oil equalization Oil equalization torque [Nm] Oil reference	8.5 kW 11.1 kW 12 0.95 L 3/8" flare SAE 30 N-m 160P
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max] Oil charge [L] Oil equalization Oil equalization torque [Nm] Oil reference Packaging height [mm]	8.5 kW 11.1 kW 12 0.95 L 3/8" flare SAE 30 N-m 160P 385 mm
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max] Oil charge [L] Oil equalization Oil equalization torque [Nm] Oil reference Packaging height [mm] Packaging length [mm]	8.5 kW 11.1 kW 12 0.95 L 3/8" flare SAE 30 N-m 160P 385 mm 330 mm
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max] Oil charge [L] Oil equalization Oil equalization torque [Nm] Oil reference Packaging height [mm] Packaging length [mm] Packaging weight [Kg]	8.5 kW 11.1 kW 12 0.95 L 3/8" flare SAE 30 N-m 160P 385 mm 330 mm 27 kg
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max] Oil charge [L] Oil equalization Oil equalization torque [Nm] Oil reference Packaging height [mm] Packaging length [mm] Packaging weight [Kg] Packaging width [mm]	8.5 kW 11.1 kW 12 0.95 L 3/8" flare SAE 30 N-m 160P 385 mm 330 mm 27 kg 295 mm
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max] Oil charge [L] Oil equalization Oil equalization torque [Nm] Oil reference Packaging height [mm] Packaging length [mm] Packaging weight [Kg] Packaging width [mm]	8.5 kW 11.1 kW 12 0.95 L 3/8" flare SAE 30 N-m 160P 385 mm 330 mm 27 kg 295 mm Single pack
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max] Oil charge [L] Oil equalization Oil equalization torque [Nm] Oil reference Packaging height [mm] Packaging length [mm] Packaging weight [Kg] Packaging width [mm] Packing format Packing quantity	8.5 kW 11.1 kW 12 0.95 L 3/8" flare SAE 30 N-m 160P 385 mm 330 mm 27 kg 295 mm Single pack
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max] Oil charge [L] Oil equalization Oil equalization torque [Nm] Oil reference Packaging height [mm] Packaging length [mm] Packaging weight [Kg] Packaging width [mm] Packing format Packing quantity Phase	8.5 kW 11.1 kW 12 0.95 L 3/8" flare SAE 30 N-m 160P 385 mm 330 mm 27 kg 295 mm Single pack 1
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max] Oil charge [L] Oil equalization Oil equalization torque [Nm] Oil reference Packaging height [mm] Packaging length [mm] Packaging weight [Kg] Packaging width [mm] Packing format Packing quantity Phase Power connections	8.5 kW 11.1 kW 12 0.95 L 3/8" flare SAE 30 N-m 160P 385 mm 330 mm 27 kg 295 mm Single pack 1 3 Spade
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max] Oil charge [L] Oil equalization Oil equalization torque [Nm] Oil reference Packaging height [mm] Packaging length [mm] Packaging weight [Kg] Packaging width [mm] Packing format Packing quantity Phase Power connections Product group	8.5 kW 11.1 kW 12 0.95 L 3/8" flare SAE 30 N-m 160P 385 mm 330 mm 27 kg 295 mm Single pack 1 3 Spade Hermetic compressors
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max] Oil charge [L] Oil equalization Oil equalization torque [Nm] Oil reference Packaging height [mm] Packaging length [mm] Packaging weight [Kg] Packaging width [mm] Packing format Packing quantity Phase Power connections Product group Product Name Description	8.5 kW 11.1 kW 12 0.95 L 3/8" flare SAE 30 N-m 160P 385 mm 330 mm 27 kg 295 mm Single pack 1 3 Spade Hermetic compressors Reciprocating compressor MT
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max] Oil charge [L] Oil equalization Oil equalization torque [Nm] Oil reference Packaging height [mm] Packaging length [mm] Packaging weight [Kg] Packaging width [mm] Packing format Packing quantity Phase Power connections Product group Product Name Description Refrigerant charge [kg] [Max]	8.5 kW 11.1 kW 12 0.95 L 3/8" flare SAE 30 N-m 160P 385 mm 330 mm 27 kg 295 mm Single pack 1 3 Spade Hermetic compressors Reciprocating compressor MT 2.5 kg
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max] Oil charge [L] Oil equalization Oil equalization torque [Nm] Oil reference Packaging height [mm] Packaging length [mm] Packaging weight [Kg] Packaging width [mm] Packing format Packing quantity Phase Power connections Product group Product Name Description Refrigerant charge [kg] [Max] Refrigerants	8.5 kW 11.1 kW 12 0.95 L 3/8" flare SAE 30 N-m 160P 385 mm 330 mm 27 kg 295 mm Single pack 1 3 Spade Hermetic compressors Reciprocating compressor MT 2.5 kg R22
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max] Oil charge [L] Oil equalization Oil equalization torque [Nm] Oil reference Packaging height [mm] Packaging length [mm] Packaging weight [Kg] Packaging width [mm] Packing format Packing quantity Phase Power connections Product group Product Name Description Refrigerant charge [kg] [Max] Refrigerants Relief valve	8.5 kW 11.1 kW 12 0.95 L 3/8" flare SAE 30 N-m 160P 385 mm 330 mm 27 kg 295 mm Single pack 1 3 Spade Hermetic compressors Reciprocating compressor MT 2.5 kg R22 None
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max] Oil charge [L] Oil equalization Oil equalization torque [Nm] Oil reference Packaging height [mm] Packaging length [mm] Packaging weight [Kg] Packaging width [mm] Packing format Packing quantity Phase Power connections Product group Product Name Description Refrigerant charge [kg] [Max] Refrigerants Relief valve Rotational speed at 50Hz [rpm]	8.5 kW 11.1 kW 12 0.95 L 3/8" flare SAE 30 N-m 160P 385 mm 330 mm 27 kg 295 mm Single pack 1 3 Spade Hermetic compressors Reciprocating compressor MT 2.5 kg R22 None 2900 rpm
h Nominal cooling capacity at 50Hz Nominal cooling capacity at 60Hz Number of starts per hour [Max] Oil charge [L] Oil equalization Oil equalization torque [Nm] Oil reference Packaging height [mm] Packaging length [mm] Packaging weight [Kg] Packaging width [mm] Packing format Packing quantity Phase Power connections Product group Product Name Description Refrigerant charge [kg] [Max] Refrigerants Relief valve	8.5 kW 11.1 kW 12 0.95 L 3/8" flare SAE 30 N-m 160P 385 mm 330 mm 27 kg 295 mm Single pack 1 3 Spade Hermetic compressors Reciprocating compressor MT 2.5 kg R22 None



PRODUCT DETAILS

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]	263 mm
Suction connection material	-
Suction connection pipe size [in]	5/8 in
Suction connection size [in]	1 1/4 in
Swept volume [cm3]	60.47 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]	356 mm
Туре	MT036
Viscosity [cP]	32 cP
Winding resistance for three-	5.92 Ohm
phase compressors with identical	
windings [Ohm]	

For Documents, Software, Visuals and 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



8156130 🗷

Connector, Gasket

Gasket, 1"



8156131 🗷

Connector, Gasket

Gasket, 1-1/4"



8153011 🗈

Connector, Solder sleeve

Solder sleeve, P09 (1-1/4" rotolock, 5/8" ODF)

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



Accessories



8153007 🗷

Connector, Solder sleeve

Solder sleeve, P06 (1" rotolock, 1/2" ODF)



120Z0575 🗷

Acoustic hood, Reciprocating

Acoustic hood for one-cylinder compressor



8156134 🗷

Electrical component, Terminal box

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



8156001 🗷

Mounting, Compressor kit

Mounting kit 1 cyl high

Spare Parts



7705006 🗷

Electrical component, MCI

Electronic soft start kit, MCI 15 C



7754001 🗷

Lubricant, 160P

Mineral oil, 160P, 2-litre can



8156019 🗷

Connector, Sight glass

Oil sight glass with gaskets (black and white)



8156145 🗷

Connector, Gasket

Gasket for oil sight glass (black chloroprene)



8168031 🗷

Connector, Rotolock service valve

Rotolock valve, V06 (1" rotolock, 1/2" ODF)

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



Spare Parts



120Z0459 🗷

Heater, PTC heater

PTC heater 27W



7773106 🗷

Heater, Crankcase heater

Belt type crankcase heater, 54 W, 230 V



7703005 🗷

Connector, Valve set

Valve set, V09 (1-1/4"~5/8"), V06 (1"~1/2")



7773013 🗷

Heater, Crankcase heater

Belt type crankcase heater, 54 W, 400 V (NAM/LAM only)



8168033 🗷

Connector, Rotolock service valve

Rotolock valve, V09 (1-1/4" rotolock, 5/8" ODF)



120Z0891 ¹²

Heater, Belt heater

Belt type crankcase heater, 65 W, 400 V