

Singolo Imballi

SECOP

Single Pack SCE25MNDX 220-240V 50Hz CSCR

Codice Imballo Singolo: **195B4783**

Posizione	Titolo	Codice	Quantità
1	Compressor SCE25MNDX	104H8400	1
2	Run Capacitor (15µF 450V, 6.3mm)	117-7167	1
3	Starting capacitor (60µF 260V, 6.3mm)	117U5351	1
4	Bolt joint for one compressor M6 ø16mm	118-1981	1

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Model			
Designation	SCE25MNDX	220-240V/50Hz 1~	Sales code: 104H8400

Compressor design

Oil type	Polyolester	Refrigerant(s)	R290
Oil viscosity	32cSt	Displacement	25cm³ / 1,53cu.in
Oil quantity	500cm³ / 16,9fl.oz	Compressors on pallet	48
Refr. charge - tech. limit	500g / 17,6oz		
Free gas volume comp.	3150cm³ / 106,5fl.oz		
Weight	14,9kg / 32,8lbs		
Motor protection	1# internal		
Winding resistance main	2,8Ω (at 25°C)		
Winding resistance aux	10,9Ω (at 25°C)		
Max. winding temp.	125°C / 257°F		
Max. discharge temp.	140°C / 284°F		



General - Configurations with SCE25MNDX

Conf. 1	
Motor configuration	CSCR
Power supply (nominal)	220-240V/50Hz
Number of phases	1
Voltage range	198-254V
Approvals	VDE, CCC, CB
Starting torque	HST
Note	Starter kit(relay), cover and cord relief are included and pre-assembled.

Applications with SCE25MNDX

Conf. 1	
Refrigerant	R290
Application	MBP
System cooling	fan 3m/s
Hot gas defrost	OK
Long interval pull down	OK

Electrical data - Configurations with SCE25MNDX

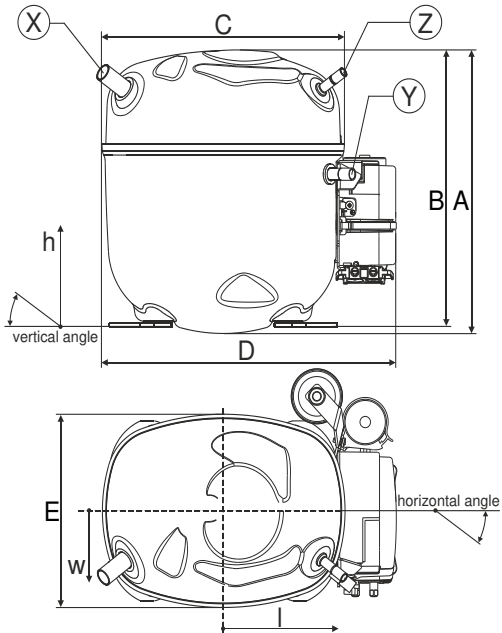
Conf. 1	
Starting device type	relay
Run capacitor	15μF
Start capacitor	60μF
LRA (locked rotor amps / 4s/ U(N))	27,1A
RLA (rated load amps / 1s/ U(N))	4,7A
Cut in current (U(N))	27,1A

Model			
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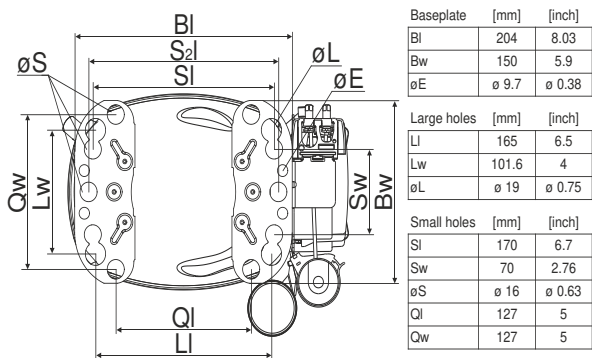
Compressor dimensions

Housing	A Height	236,4mm / 9,31in
	B Height	230,6mm / 9,08in
	C Length shell	217mm / 8,54in
	D Length w. cover	263,4mm / 10,37in
	E Width	161,1mm / 6,34in
	F Width with equipment	199mm / 7,83in

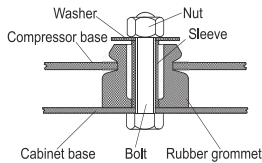
Connectors		Suction	Discharge	Process
		X	Y	Z
Diameter	[mm]	øi 12,81-12,99	øi 8,11-8,29	øi 6,11-6,29
(i:inside, o:outside)	[in]	øi 0,5-0,51	øi 0,32-0,33	øi 0,24-0,25
Material		steel/CU	copper	copper
Horizontal angle	±2°	37°	37°	37°
Vertical angle	±2°	36°	0°	36°
Position l/h/w	[mm]	-111/212/57	116/127/81	110/94/72
	[in]	-4,4/8,3/2,2	4,5/5/3,2	4,3/3,7/2,8
Straight tube l.	[mm]	12	12	12
	[in]	0,5	0,5	0,5



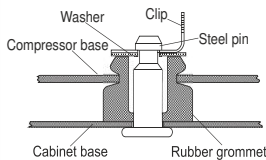
Compressor fixation



Bolt joint



Snap-on



Mounting accessories	one comp.	multi pack
Bolt joint M6 ø16mm	118-1917	118-1918
Bolt joint ø1/4" ø16mm	118-1946	
Bolt joint ø1/4" ø19mm	118-1949	
Snap-on ø7,3 ø16mm	118-1947	118-1919

Application notes

Provision for PE Grounding is located at the PE Stamp on the compressor

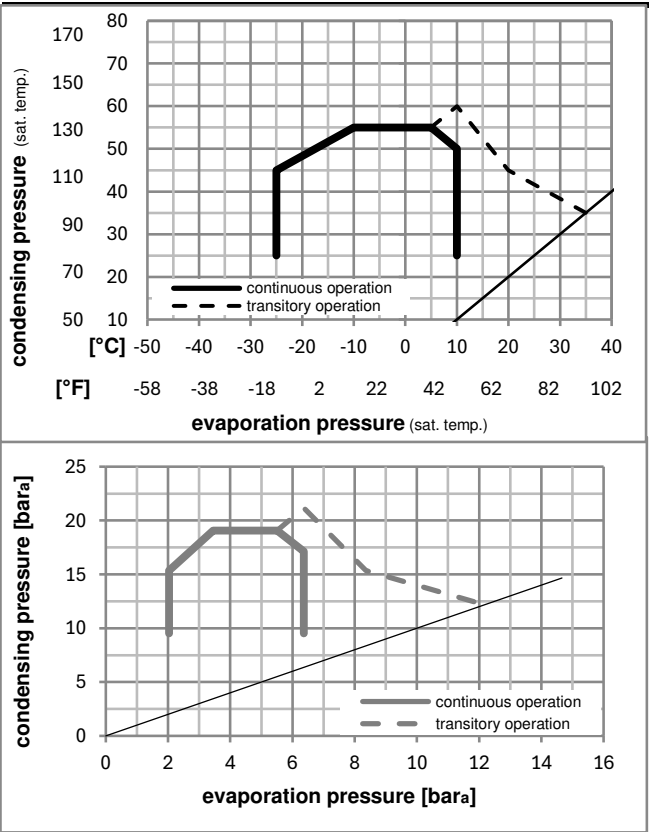
Model					
Designation	SCE25MNDX	220-240V/50Hz	Conf. 1	Sales code:	104H8400

Configuration		Electrical accessories / wiring diagram			
Motor configuration	CSCR				
Power supply (nominal)	220-240V/50Hz 1~				
Refrigerant	R290				
Application	MBP				
Voltage range	198-254V				
Starting torque	HST				
Approvals	VDE				
	CCC				
	CB				

Ambient/ machine room temperatures minimum /maximum

Ambient temperature range:	10 - 43°C / 50 - 110°F
Machine room temperature range:	10 - 48°C / 50 - 119°F
Compressor cooling:	fan 3m/s

Operation pressure range



Components (Starter kit (a5)+cover (b) +cord relief (d): pre assembled)		
a5	SC starter kit	117U8100
b	cover terminal board + clamp	117U1036
c	start capacitor (60μF)	117U5351
e	run capacitor (15μF, 6.3mm)	117-7167
e1	retaining clamp	117-0313
	screw M4x8mm	117-0301
d	cord relief	103N1007

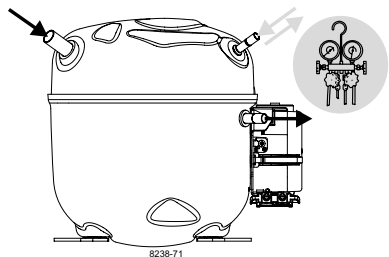
Model

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Optimization + standard conditions

R290, 220V/50Hz, CSCR, fan 3m/s, VDE, CCC, CB

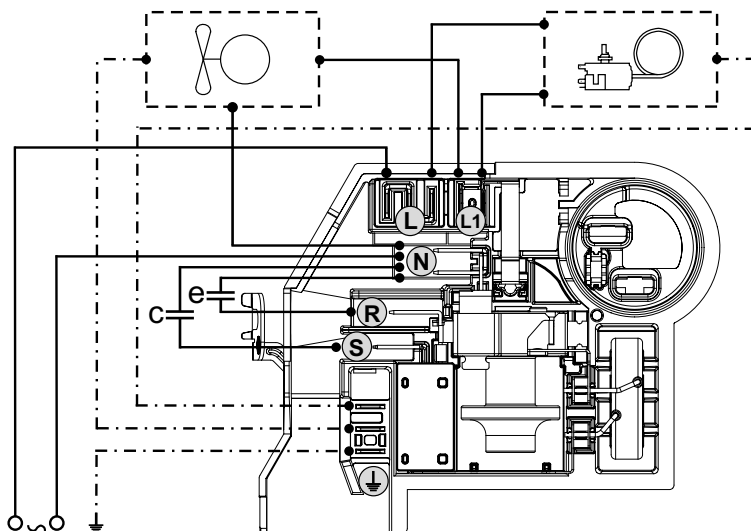
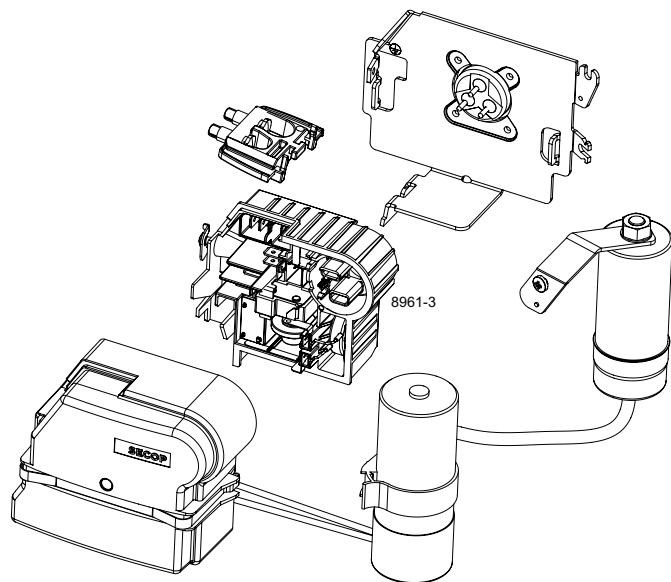
Evaporating pressure (saturation temperature)					Condensing pressure (saturation temperature)						Power consumption			
											Current consumption			
											Ref. mass flow			

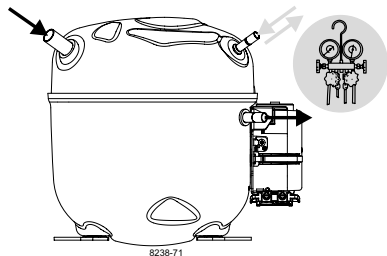


SCE Plus Compressors

SECCP

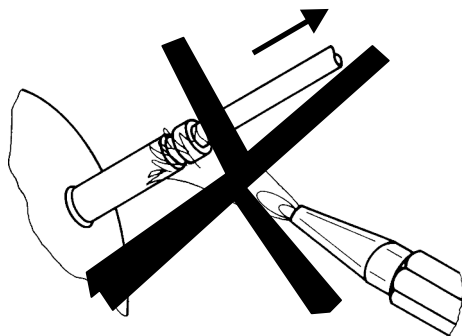
Keep electrical equipment
clear from oil, chemicals,
and water



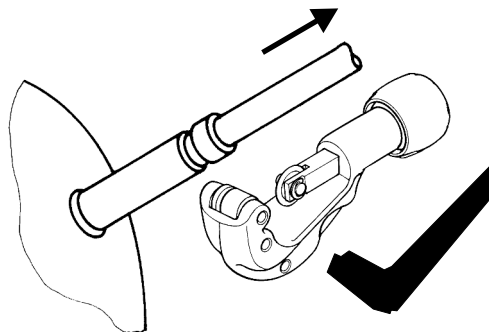


SCE Plus Compressors

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