

TL4F Standard Compressor R134a 220-240V 50Hz

Application TL4F	SECOP
Blue stripe R13	4a serial number 102G
Barcode on white background	4400
Yellow background Country of origin or manufacturer	Made by Secop

General	
Code number	102G4400
Approvals	EN 60335-2-34 w. Annex AA, CCC
Compressors on pallet	125

Application

Frequency

Application

32°C

38°C

43°C

Cooling requirements

Remarks on application:

	LE	3P
Hz	50	60
°C	-35 to -10	-
V	198 - 254	-
°C	60 (70)	-
°C	125 (135)	_
	°C V O°	Hz 50 °C -35 to -10 V 198 - 254 °C 60 (70)

Hz

LBP MBP HBP LBP MBP HBP

S

S

_ _ _ _ _ _

50

_ _ _ _

_ _

_ _

= Static cooling normally sufficient

0 = Oil cooling

S

60

_

_

- $F_1 = Fan \text{ cooling } 1.5 \text{ m/s}$
 - (compressor compartment temperature equal to ambient temperature)
- F₂ = Fan cooling 3.0 m/s necessary SG = Suction gas cooling normally sufficent
- = not applicable in this area _

Motor

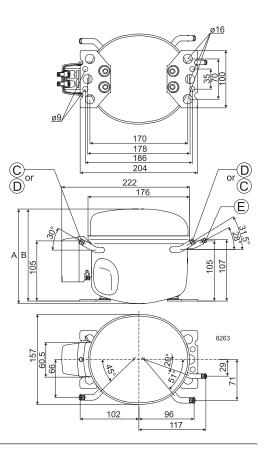
Motor type		RSIR	/CSIR
LRA (rated after 4 sec. UL984), HST LST	А	4.8	3.2
Cut in Current, HST LST	А	4.8	7.5
Resistance, main start winding (25°C)	Ω	25.7	16.3

Design

Displacement	cm ³	3.86
Oil quantity (type)	cm ³	180 (polyolester)
Maximum refrigerant charge	g	400
Free gas volume in compresso	r cm ³	1600
Weight without electrical equipr	ment kg	6.7

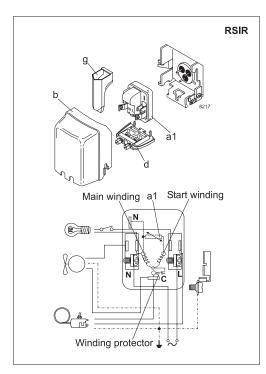
Dimensions

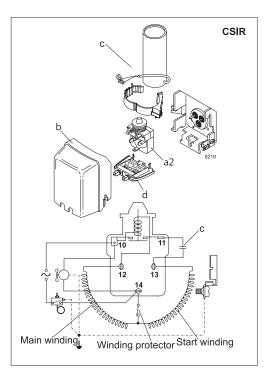
Height	mm	A 163
		B 159
		B1 –
		B2 –
Suction connector	location/I.D. mm angle	C 6.2 30°
	material comment	Cu-plated steel Al cap
Process connector	location/I.D. mm angle	D 6.2 31.5°
	material comment	Cu-plated steel Al cap
Discharge connector	location/I.D. mm angle	E 5.0 28°
	material comment	Cu-plated steel Al cap
Oil cooler connector	location/I.D. mm angle	F –
	material comment	_
Connector tolerance	I.D. mm	±0.09, on 5.0 +0.12/+0.20
Remarks:		



EN 12900 Househo)	220V, 50Hz, static cooling, PTC consumption incl.															
Evap. temp in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-6.7	-5	0	5	7.2	10	15	20
Capacity in W			31	44	61	67	81	107	137								
Power cons. in W			60	70	81	85	93	107	122								
Current cons. in A			0.51	0.53	0.55	0.56	0.58	0.63	0.69								
COP in W/W			0.52	0.63	0.75	0.79	0.88	1.00	1.12								

ASHRAE LBP				220V, 5	50Hz, st	atic coo	oling, P	TC cons	sumptio	n incl.							
Evap. temp in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-6.7	-5	0	5	7.2	10	15	20
Capacity in W			38	54	75	83	100	131	170								
Power cons. in W			60	70	81	85	93	107	122								
Current cons. in A			0.51	0.53	0.55	0.56	0.58	0.63	0.69								
COP in W/W			0.64	0.77	0.92	0.98	1.08	1.24	1.38								





Accessories for	TL4F	Figure	Code number	Test conditions	EN 12900/ CECOMAF	ASHRAE
PTC starting device	6.3 mm spade connectors	- 1	103N0011	Condensing temperature	55°C	55°C
	4.8 mm spade connectors	a1	103N0018	Ambient temperature	32°C	32°C
Starting relay	6.3 mm spade connectors	a2	117U6009	Suction gas temperature	32°C	32°C
Start capacitor 60 µF	6.3 mm spade connectors	С	117U5014	Liquid temperature	no subcooling	32°C
Cover		b	103N2010			
Cord relief		d	103N1010	Mounting accessories		Code number
Protection screen for P	ТС	g	103N0476	Bolt joint for one comp.	Ø: 16 mm	118-1917
				Bolt joint in quantities	Ø: 16 mm	118-1918

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Snap-on in quantities

118-1919

Ø: 16 mm