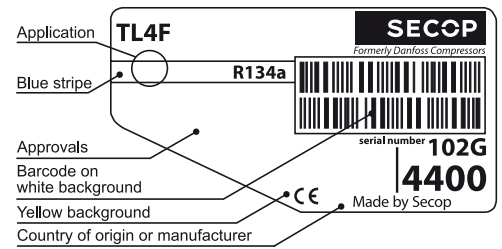


TL4F

Standard Compressor

R134a

220-240V 50Hz



General

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

Application

Application	LBP		
	Hz	50	60
Frequency	Hz	50	60
Evaporating temperature	°C	-35 to -10	-
Voltage range	V	198 - 254	-
Max. condensing temperature continuous (short)	°C	60 (70)	-
Max. winding temperature continuous (short)	°C	125 (135)	-

Cooling requirements

Frequency	Hz	50			60		
		LBP	MBP	HBP	LBP	MBP	HBP
32°C		S	-	-	-	-	-
38°C		S	-	-	-	-	-
43°C		-	-	-	-	-	-
Remarks on application:							

- S = Static cooling normally sufficient
- O = Oil cooling
- F₁ = Fan cooling 1.5 m/s (compressor compartment temperature equal to ambient temperature)
- F₂ = Fan cooling 3.0 m/s necessary
- SG = Suction gas cooling normally sufficient
- = not applicable in this area

Motor

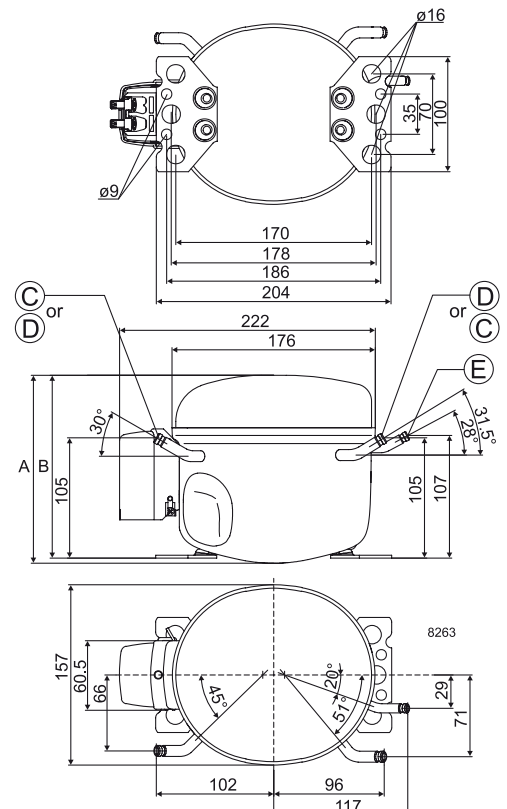
Motor type	RSIR/CSIR		
LRA (rated after 4 sec. UL984), HST LST	A	4.8	3.2
Cut in Current, HST LST	A	4.8	7.5
Resistance, main start winding (25°C)	Ω	25.7	16.3

Design

Displacement	cm ³	3.86
Oil quantity (type)	cm ³	180 (polyolester)
Maximum refrigerant charge	g	400
Free gas volume in compressor	cm ³	1600
Weight without electrical equipment	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:			

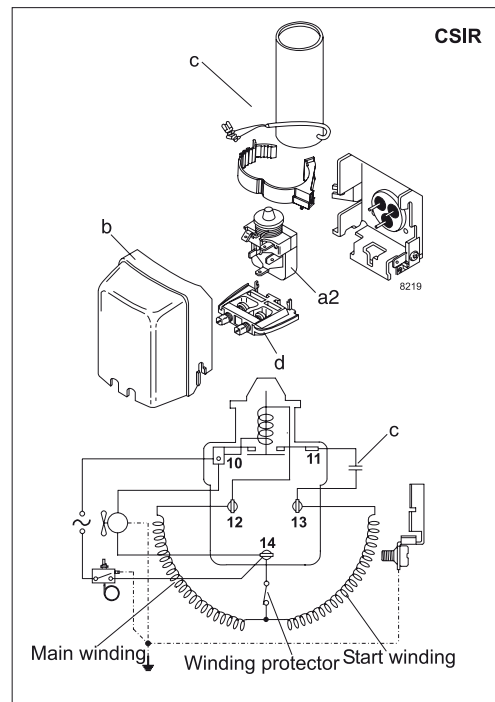
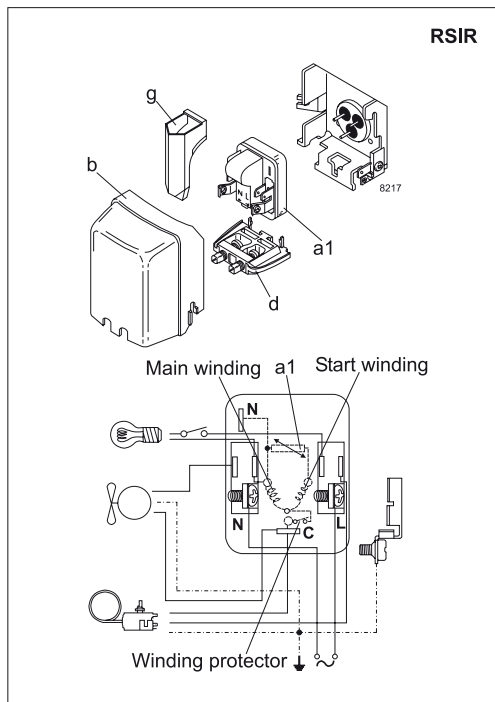


EN 12900 Household (CECOMAF) 220V, 50Hz, static cooling, PTC consumption incl.

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, 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			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
PTC starting device	6.3 mm spade connectors	a1	103N0011
	4.8 mm spade connectors		103N0018
Starting relay	6.3 mm spade connectors	a2	117U6009
Start capacitor 60 µF	6.3 mm spade connectors	c	117U5014
Cover		b	103N2010
Cord relief		d	103N1010
Protection screen for PTC		g	103N0476

Test conditions	EN 12900/ CECOMAF	ASHRAE
Condensing temperature	55°C	55°C
Ambient temperature	32°C	32°C
Suction gas temperature	32°C	32°C
Liquid temperature	no subcooling	32°C

Mounting accessories	Code number	
Bolt joint for one comp.	Ø: 16 mm	118-1917
Bolt joint in quantities	Ø: 16 mm	118-1918
Snap-on in quantities	Ø: 16 mm	118-1919

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