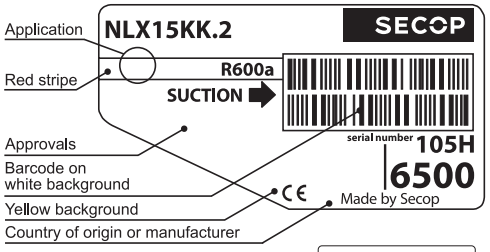
NLX15KK.2
High Energy-optimized Compressor
R600a
220-240V 50Hz



Yellow warning label

General

Code number	105H6500
Approvals	EN 60335-2-34 with Annex AA
Compressors on pallet	80

Application

Application		LBP	
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	95 (110)	–

Cooling requirements

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

S = Static cooling normally sufficient
O = Oil cooling
F_1 = Fan cooling 1.5 m/s (compressor compartment temperature equal to ambient temperature)
F_2 = Fan cooling 3.0 m/s necessary
SG = Suction gas cooling normally sufficent
– = not applicable in this area

Motor

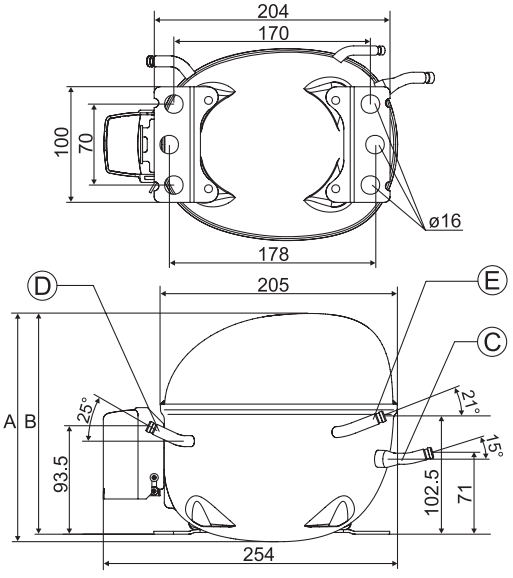
Motor type		RSCR	
LRA (rated after 4 sec. UL984), HST | LST	A	–	5.6
Cut in Current, HST | LST	A	–	9.3
Resistance, main | start winding (25°C)	Ω	11.3	21.3

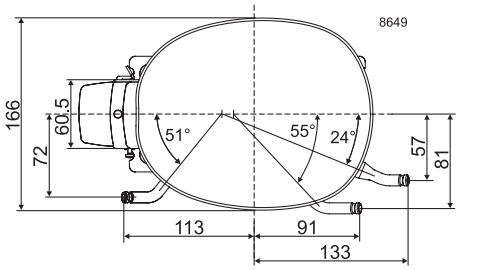
Design

Displacement	cm^3	14.65
Oil quantity (type)	cm^3	270 (polyolester)
Maximum refrigerant charge	g	150
Free gas volume in compressor	cm^3	2360
Weight without electrical equipment	kg	10.7

Dimensions

Height	mm	A	203
		B	197
		B1	–
		B2	–
Suction connector	location/I.D. mm | angle	C	6.2 | 15°
	material | comment		Cu-plated steel | Al cap
Process connector	location/I.D. mm | angle	D	6.2 | 25°
	material | comment		Cu-plated steel | Al cap
Discharge connector	location/I.D. mm | angle	E	5.0 | 21°
	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:			



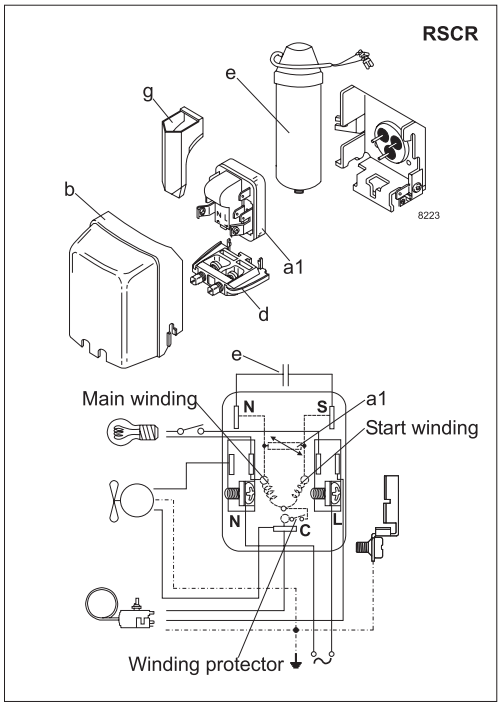


EN 12900 Household (CECOMAF) 220V, 50Hz, RC 4µF, ePTC consumption incl., static cooling

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			107	143	186	203	238	300	372								
Power cons. in W			93.7	111	129	135	148	168	190								
Current cons. in A			0.45	0.53	0.61	0.64	0.70	0.80	0.90								
COP in W/W			1.14	1.29	1.45	1.50	1.61	1.78	1.95								

ASHRAE LBP 220V, 50Hz, RC 4µF, ePTC consumption incl., static cooling

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			131	175	227	248	291	366	454								
Power cons. in W			93.8	111	128	135	147	168	190								
Current cons. in A			0.45	0.53	0.61	0.64	0.70	0.79	0.89								
COP in W/W			1.40	1.58	1.77	1.84	1.97	2.18	2.40								



Accessories for	NLX15KK.2	Figure	Code number
PTC starting device	6.3 mm spade connectors	a1	103N0016
	4.8 mm spade connectors		103N0021
ePTC starting device	4.8 mm spade connectors		103N0050
Cover		b	103N2010
Cord relief		d	103N1010
Run capacitor 4 µF	6.3 mm spade connectors	e	117-7117
(compulsory)	4.8 mm spade connectors		117-7119
Protection screen for PTC		g	103N0476

Test conditions	EN 12900/ CECOMAF	ASHRAE
Condensing temperature	55°C	54.4°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