

# NL9F

## Standard Compressor

### R134a

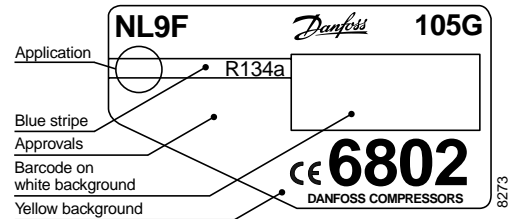
### 220-240V 50Hz

Data Sheet (Replaces CG.43.M1.02)

#### General

Compressor	<b>NL9F</b>
Code number	105G6802
Code number	105G6804*)
Code number compressor with oil cooler	105G6812

\*) Performance data established on 8.2 mm suction line. Restrictions due to 6.2 mm suction line can affect system performance.



#### Application

Application	LBP	
Evaporating temperature range	°C	-35 to -10
Voltage range	V/Hz	198 - 254 /50
Motor type	RSIR/CSIR	
Max. ambient temperature	°C	38
Comp. cooling at ambient temp.	32°C	S
	38°C	S

- S = Static cooling normally sufficient
- O = Oil cooling
- F<sub>1</sub> = Fan cooling 1.5 m/s  
(compressor compartment temperature equal to ambient temperature)
- F<sub>2</sub> = Fan cooling 3.0 m/s necessary

#### Design

Displacement	cm <sup>3</sup>	8.35
Oil quantity	cm <sup>3</sup>	320
Maximum refrigerant charge	g	400
Free gas vol. in compressor	cm <sup>3</sup>	2280
Weight without electrical equipment	kg	10.0

#### Motor

Motor size	watt	175
LRA (rated after 4 sec. UL984) LST/HST	A	6.6/7.9
Cut-in current LST/HST	A	10.9/7.9
Resistance, main and start winding (25°C)	Ω	10.7/13.0
Approvals	EN 60335-2-34 with Annex AA	

#### Dimensions

		105G6812	105G6802	105G6804
Height	mm	A	197	
		B	191	
Suction connector	location/I.D. mm	C	8.2 ±0.09	8.2 ±0.09
Process connector	location/I.D. mm	D	6.2 ±0.09	6.2 ±0.09
Discharge connector	location/I.D. mm	E	6.2 ±0.09	6.2 ±0.09
Oil cooler	location/I.D. mm	F	6.2 ±0.09	
Compressors on a pallet	pcs.	80		

