



## **NLX-KK.1 Compressors**

- Danfoss Compressors latest technical update

Our new NLX-KK.1 compressors are based on our well-proven NLX *UFO* technology using **environmentally friendly** refrigerant R600a.

- High efficiency low energy consumption
- Improved suction connector placement
- One-to-one replacement for NLX-KK
- · Based on reliable technology
- Reduces your Carbon Footprint





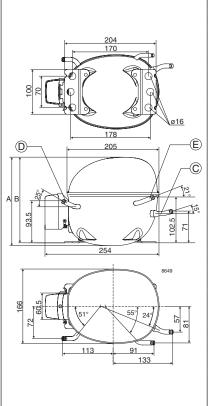
## NLX-KK.1 - key benefits

- Utilizing well-proven NLX-KK.2 UFO pump secures less friction and provides increased mechanical efficiency
- The muffler volume is increased in order to reduce noise (suction pulsation and flow losses are reduced)
- The motor design has been adjusted
- · Suction connector improved resulting in less place requirement within the machine compartment
- Several cabinet tests have confirmed that NLX-KK can be replaced one-to-one
- Samples and approval certificates from VDE are available upon request



## **Technical data**

General		NLX8.8KK.1	NLX10KK.1	NLX11KK.1	NLX13KK.1	NLX15KK.1
Code number		105H6015	105H6104	105H6190	105H6304	105H6502
Approvals		EN 60335-2-34 with Annex AA				
Application						
Application		LBP/MBP				
Evaporating temperature °C		-35 to -10				
Voltage range/frequency V/Hz		198 - 254/50				
Performance data (EN12900/CE	ECOMAF • 220V	/50Hz • statio	c cooling)			
Evaporating temperature	°C	-25	-25	-25	-25	-25
Cooling capacity	watt	108	128	144	167	185
Power consumption	watt	80.0	94.0	106	122	138
Current consumption	А	0.39	0.44	0.48	0.62	0.81
COP	W/W	1.35	1.36	1.36	1.37	1.34
Dimensions						
Height mm		A 203				
		B 197				
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				
Connector tolerance I.D. mm		±0.09, on 5.0 +0.12/+0.20				



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