

# Mbsm.pro, Danfoss, compressors, R134a, medium, temperature, HMBP

written by Jamila | 31 December 2022




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Mbsm.pro, Danfoss, compressors, R134a, medium, temperature, HMBP

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# Mbsm.pro, Danfoss, Reciprocating, compressor, NLX11KK.2, 105H6971, NLX11KK.2 105H6971, 1/4 hp++, 1/3 hp-, r600a

written by mahdi miled | 31 December 2022



			-35	-30	-20	-15	-10	-5	0	5	[W]	[W/W]	[W/W]	[W]	[kcal/h]	[W/W]	[kcal/Wh]			
Energy-optimized	1.	PLE35K	101H0360			38	52	68	87	109		27		0.68	38	33				
		TLES4KK.3	102H4438	19	29	57	75	96				42	0.90		57	49	1.18			
		TLES4.8KK.3	102H4538	28	40	73	94	119				55	1.00		74	65	1.30			
	2.	TLES5.7KK.3	102H4638	36	50	89	114	144				68	1.02		91	79	1.32			
		TLES6.5KK.3	102H4738	45	61	105	134	168				81	1.02		108	94	1.31			
		TLES7.5KK.3	102H4838	53	71	122	155	194				94	1.02	1.07	126	108	1.32	1.14		
	3.	TLES8.7KK.3	102H4938	62	83	143	181	228				110	1.03	1.08	147	126	1.33	1.14		
		TLES10KK.3	102H4038									130	1.04		172	148	1.35	1.15		
		NLE8.8KK.4	105H6800	63	84	141	179	223				110	1.18	1.22	147	127	1.51	1.30		
	4.	NLE10KK.4	105H6867	74	98	164	207	257				128	1.19	1.23	170	151	1.51	1.30		
		NLE11KK.4	105H6952	82	109	184	232	290				143	1.19	1.22	191	165	1.52	1.31		
		NLE13KK.4	105H6959	99	131	217	274	340				170	1.18	1.23	226	194	1.50	1.29		
	High Energy-optimized	1.	NLE15KK.4	105H6968	110	146	243	307	382				190	1.20	1.25	253	213	1.53	1.32	
			2.	TLY4 KK.3	102H4442	19	29	57	74	95				42	0.96	0.99	57	49	1.26	1.08
				TLY4.8KK.3	102H4542	28	40	73	94	119				55	1.04	1.06	74	65	1.35	1.16
TLY5.7KK.3		102H4642		36	51	89	114	144				68	1.03	1.06	91	79	1.33	1.15		
3.		TLY6.5KK.3	102H4742	46	62	106	135	170				82	1.10	1.14	110	94	1.42	1.22		
		TLY7.5KK.3	102H4842	53	71	122	155	194				94	1.09	1.14	126	108	1.41	1.22		
		TLY8.7KK.3	102H4942	65	86	144	182	227				112	1.12	1.16	149	126	1.44	1.24		
3.		TLX4KK.3	102H4447	21	32	59	76	95				45		1.15***	60	52				
		TLX4.8KK.3	102H4547	36	52	90	116	146				57		1.24***	76	65				
		TLX5.7KK.3	102H4647	37	52	91	115	143				70		1.28***	93	80				
3.		TLX6.5KK.3	102H4747	46	63	106	133	165				83		1.30***	110	95				
		TLX7.5KK.3	102H4847	55	75	125	157	195				98		1.32***	130	112				
		TLX8.7KK.3	102H4947	65	88	146	184	227				115		1.31***	152	131				
1.		NLX8.8KK	105H6874	60	83	144	182	227				111		1.35	148	127				
		NLX10KK	105H6871	74	100	169	215	269				131		1.36	174	150				
	NLX11KK	105H6984	84	112	189	240	300				147		1.36	195	168					
	NLX13KK	105H6983	98	133	223	282	350				174		1.36	231	199					
	NLX15KK	105H6981	110	147	249	317	397				193		1.34	257	221					
	NLX8.0KK.2	105H6010	52	73	130	167	210				99		1.47***	133	115					
	NLX8.8KK.2	105H6011	62	85	147	187	234				113		1.49***	151	130					
2.	NLX10KK.2	105H6101	75	101	171	217	271				133		1.49***	178	153					
	NLX11KK.2	105H6971	86	115	192	242	301				150		1.49***	200	172					

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Description

## Product details

Gross weight	12.47 kg
Net weight	12.47 kg
Gross weight	12.47 kg

<b>Net weight</b>	12.47 kg
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<b>Application energy level</b>	High Energy-optimized
<b>Applications</b>	LBP
<b>Auxiliary winding resistance (start winding) for single-phase compressors alt [Ohm]</b>	31.8 Ohm
<b>Base plate type</b>	EU small
<b>Brand technique</b>	Reciprocating compressor
<b>Capacity control</b>	Fixed speed
<b>Colour</b>	Black
<b>Compressor power supply [V/Ph/Hz]</b>	220-240/1/50
<b>Configuration code</b>	Single
<b>Cut in current LST [A]</b>	6.4 A
<b>Description</b>	NLX11KK.2
<b>Discharge connection angle [°]</b>	21 °
<b>Discharge connection comments</b>	Al-cap
<b>Discharge connection diameter [mm]</b>	5 mm
<b>Discharge connection material</b>	Cu-plated steel
<b>Economizer</b>	No
<b>Free gas volume [cm3]</b>	2360 cm3
<b>Frequency [Hz]</b>	50
<b>Height from baseplate [mm]</b>	197 mm
<b>High value of nominal voltage at 50Hz [V]</b>	240 V
<b>High value of voltage range at 50Hz [V]</b>	255 V
<b>Length [mm]</b>	252 mm
<b>Liquid injection</b>	No

<b>Low value of nominal voltage at 50Hz [V]</b>	220 V
<b>Low value of voltage range at 50Hz [V]</b>	187 V
<b>LRA LST [A]</b>	3.5 A
<b>Main winding resistance for single-phase compressors [Ohm]</b>	18.5 Ohm
<b>Model number</b>	NLX11KK.2
<b>Motor type</b>	RSCR
<b>No. of phases (compressor)</b>	1
<b>Oil quantity [cm<sup>3</sup>]</b>	270 cm <sup>3</sup>
<b>Oil type</b>	POE
<b>Packing format</b>	Industrial pack
<b>Packing quantity</b>	80
<b>Process connection angle [°]</b>	25 °
<b>Process connection comments</b>	Al-cap
<b>Process connection diameter [mm]</b>	6.2 mm
<b>Process connection material</b>	Cu-plated steel
<b>Refrigerant</b>	R600a
<b>Refrigerant charge [kg] [Max]</b>	0.15 kg
<b>RLA</b>	0.70 A
<b>Rotational speed at 50Hz [rpm]</b>	3000 rpm
<b>Run capacitor capacitance</b>	2 µF
<b>Segment usage</b>	Refrigeration LT
<b>Speed Platform</b>	Fixed-speed
<b>Suction connection angle [°]</b>	2 °
<b>Suction connection comments</b>	Al-cap
<b>Suction connection diameter [mm]</b>	6.2 mm
<b>Suction connection material</b>	Cu-plated steel
<b>Swept volume [cm<sup>3</sup>]</b>	11.15 cm <sup>3</sup>

<b>Technology</b>	Reciprocating
<b>Total height [mm]</b>	203 mm
<b>Type</b>	NL
<b>Type designation</b>	Compressor
<b>Voltage 50Hz [V]</b>	220 V
<b>Voltage 50Hz [V] [Max]</b>	240 V
<b>Width [mm]</b>	166 mm
<b>Winding temperature short term [°C] [Max]</b>	110 °C
<b>Winding temperature stat [°C] [Max]</b>	95 °C
<b>Application energy level</b>	High Energy-optimized
<b>Applications</b>	LBP
<b>Auxiliary winding resistance (start winding) for single-phase compressors alt [Ohm]</b>	31.8 Ohm
<b>Base plate type</b>	EU small
<b>Brand technique</b>	Reciprocating compressor
<b>Capacity control</b>	Fixed speed
<b>Colour</b>	Black
<b>Compressor power supply [V/Ph/Hz]</b>	220-240/1/50
<b>Configuration code</b>	Single
<b>Cut in current LST [A]</b>	6.4 A
<b>Description</b>	NLX11KK.2
<b>Discharge connection angle [°]</b>	21 °
<b>Discharge connection comments</b>	Al-cap
<b>Discharge connection diameter [mm]</b>	5 mm
<b>Discharge connection material</b>	Cu-plated steel
<b>Economizer</b>	No
<b>Free gas volume [cm3]</b>	2360 cm3
<b>Frequency [Hz]</b>	50

<b>Height from baseplate [mm]</b>	197 mm
<b>High value of nominal voltage at 50Hz [V]</b>	240 V
<b>High value of voltage range at 50Hz [V]</b>	255 V
<b>Length [mm]</b>	252 mm
<b>Liquid injection</b>	No
<b>Low value of nominal voltage at 50Hz [V]</b>	220 V
<b>Low value of voltage range at 50Hz [V]</b>	187 V
<b>LRA LST [A]</b>	3.5 A
<b>Main winding resistance for single-phase compressors [Ohm]</b>	18.5 Ohm
<b>Model number</b>	NLX11KK.2
<b>Motor type</b>	RSCR
<b>No. of phases (compressor)</b>	1
<b>Oil quantity [cm3]</b>	270 cm3
<b>Oil type</b>	P0E
<b>Packing format</b>	Industrial pack
<b>Packing quantity</b>	80
<b>Process connection angle [°]</b>	25 °
<b>Process connection comments</b>	Al-cap
<b>Process connection diameter [mm]</b>	6.2 mm
<b>Process connection material</b>	Cu-plated steel
<b>Refrigerant</b>	R600a
<b>Refrigerant charge [kg] [Max]</b>	0.15 kg
<b>RLA</b>	0.70 A
<b>Rotational speed at 50Hz [rpm]</b>	3000 rpm
<b>Run capacitor capacitance</b>	2 µF

<b>Segment usage</b>	Refrigeration LT
<b>Speed Platform</b>	Fixed-speed
<b>Suction connection angle [°]</b>	2 °
<b>Suction connection comments</b>	Al-cap
<b>Suction connection diameter [mm]</b>	6.2 mm
<b>Suction connection material</b>	Cu-plated steel
<b>Swept volume [cm<sup>3</sup>]</b>	11.15 cm <sup>3</sup>
<b>Technology</b>	Reciprocating
<b>Total height [mm]</b>	203 mm
<b>Type</b>	NL
<b>Type designation</b>	Compressor
<b>Voltage 50Hz [V]</b>	220 V
<b>Voltage 50Hz [V] [Max]</b>	240 V
<b>Width [mm]</b>	166 mm
<b>Winding temperature short term [°C] [Max]</b>	110 °C
<b>Winding temperature stat [°C] [Max]</b>	95 °C

Refrigerant: R600a, Segment usage: Refrigeration LT, Compressor power supply [V/Ph/Hz]: 220-240/1/50Mbsm\_dot\_pro\_private\_PDF\_nlx11kk.2

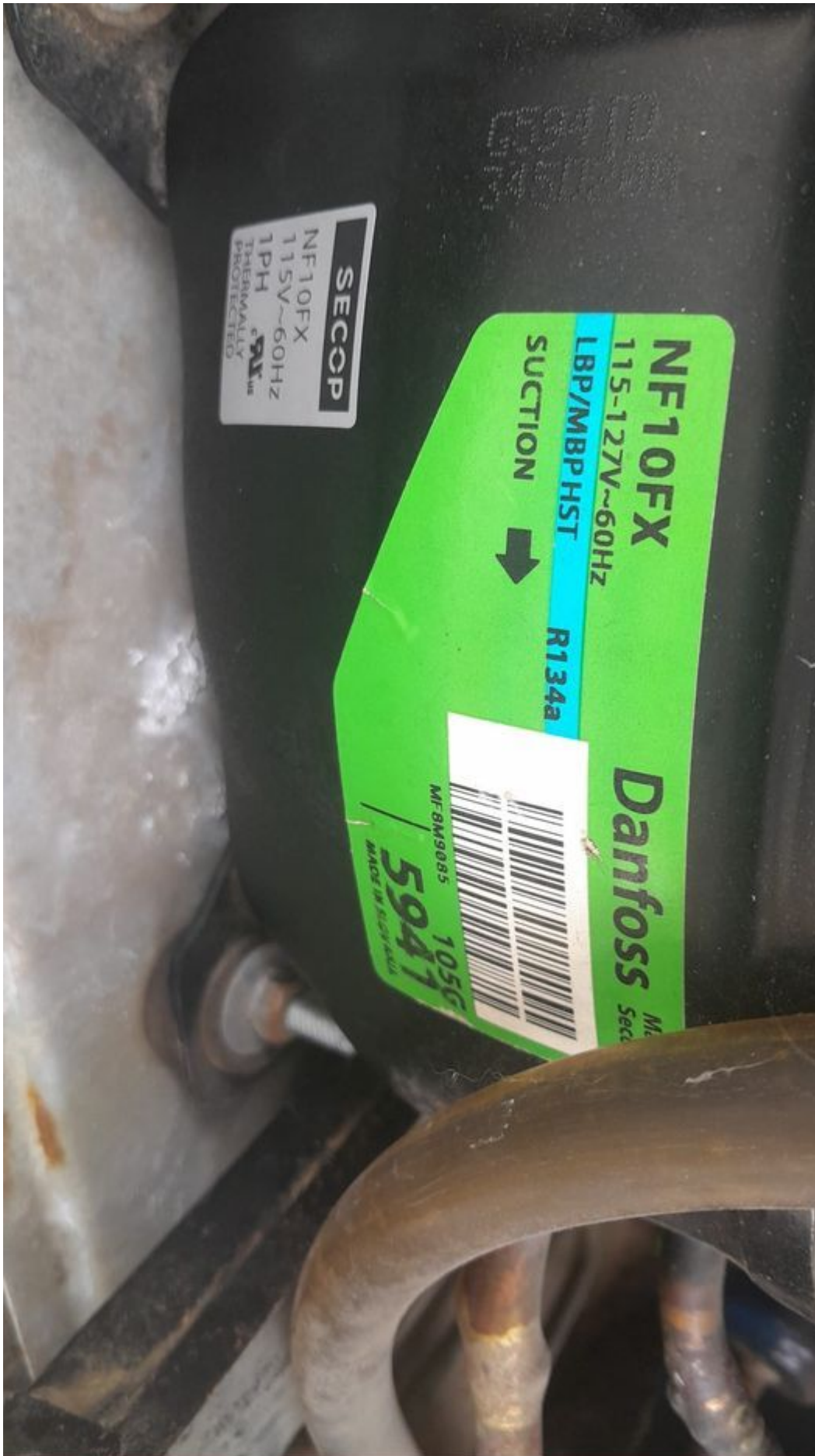
		-35	-30	-20	-15	-10	-5	0	5	(W)	(W/W)	(W)	(W/W)	(W/W)	(W/W)
	PLE33K	10240360								27	0.68	36	33		
	TLE340K.3	10244430	19	29	57	75	96			42	0.90	57	69	1.18	
	TLE340K.4	10244430	28	40	73	94	119			55	1.00	74	65	1.30	
	TLE340K.3	10244430	36	50	89	114	144			68	1.02	91	79	1.52	
	TLE340K.3	10244430	45	61	105	134	168			81	1.02	108	94	1.81	
	TLE340K.3	10244430	53	71	122	155	194			94	1.02	126	108	2.14	
	TLE340K.3	10244430	62	80	143	181	228			110	1.03	147	126	2.33	1.14
	TLE340K.3	10244430								130	1.04	172	148	2.55	1.15
	TLE340K.4	10244430	62	84	140	179	223			110	1.18	147	127	2.51	1.20
	TLE340K.4	10244430	74	99	164	207	257			128	1.19	170	151	2.57	1.30
	TLE340K.4	10244430	82	108	184	232	290			143	1.19	181	165	2.52	1.31
	TLE340K.4	10244430	99	137	217	274	340			170	1.18	226	194	2.50	1.29
	TLE340K.4	10244430	110	146	243	307	382			190	1.20	251	219	2.53	1.32
	TLY40K.3	10244442	19	29	57	74	95			42	0.96	57	69	1.26	1.08
	TLY40K.3	10244442	28	40	73	94	119			55	1.04	74	65	1.35	1.16
	TLY40K.3	10244442	36	51	89	114	144			68	1.03	91	79	1.53	1.15
	TLY40K.3	10244442	46	62	106	135	170			82	1.10	110	94	1.42	1.22
	TLY40K.3	10244442	53	71	122	155	194			94	1.09	126	108	1.41	1.22
	TLY40K.3	10244442	65	86	144	182	227			112	1.12	149	126	1.44	1.24
	TLE40K.3	10244447	21	32	59	76	95			45	1.10***	60	52		
	TLE40K.3	10244447	36	52	90	116	146			57	1.20***	76	65		
	TLE40K.3	10244447	37	52	91	115	143			70	1.20***	83	69		
	TLE40K.3	10244447	46	63	106	133	165			83	1.20***	110	95		
	TLE40K.3	10244447	55	75	125	157	195			98	1.20***	130	112		
	TLE40K.3	10244447	65	88	146	184	227			115	1.20***	152	131		
	TLE40K.3	10244447	60	83	144	182	227			111	1.25	148	127		
	TLE40K.3	10244447	74	100	169	215	269			131	1.26	174	150		
	TLE40K.3	10244447	84	112	189	240	300			147	1.26	195	168		
	TLE40K.3	10244447	98	133	223	282	350			174	1.26	231	199		
	TLE40K.3	10244447	110	147	249	317	397			193	1.24	257	221		
	TLE40K.3	10244447	52	73	130	167	210			99	1.40***	133	115		
	TLE40K.3	10244447	62	85	147	187	234			113	1.40***	151	130		
	TLE40K.3	10244447	75	101	175	217	271			133	1.40***	176	153		
	TLE40K.3	10244447	86	115	192	242	301			150	1.40***	200	172		

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**Mbsm.pro, Compressor, nf10fx,  
Danfoss, 1/3 hp, LBP, MBP,  
1046 btu, 115 v**

written by Jamila | 31 December 2022





**SECCOP**

NF10FX  
115V~60HZ  
1PH  
THERMALLY  
PROTECTED  
PAT

**NF10FX**  
115-127V~60HZ  
LBP/MBPHST  
R134a  
SUCTION →



MF8M9085

105G  
**5947**  
MADE IN HONG KONG

**Danfoss**  
Seco

Mbsm.pro, Compressor, nf10fx, Danfoss, 1/3 hp, LBP, MBP, 1046  
btu, 115 v

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# Mbsm.pro, Compressor, NLE12.6MF.2, SECOP, 105G6387, DANFOSS, R134a, 1/2 Hp, lbp

written by Lilianne | 31 December 2022



Mbsm.pro, Compressor, NLE12.6MF.2, SECOP, 105G6387, DANFOSS,  
R134a, 1/2 Hp, lbp

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## Compressor DANFOSS NL8.4CLX

# 105F3800 0.25 hp

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Mbsm.pro, compressor, DANFOSS, 1/4 hp, R404a/R507, NL8.4CLX, LBP, 105F3800

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**Mbsm.pro, Compressor,**  
**NL6.1FT, SECOP, 105G6620,**



# DANFOSS, 1/6 hp, Lbp

written by Lilianne | 31 December 2022



Mbsm.pro, Compressor, NL6.1FT, SECOP, 105G6620, DANFOSS, 1/6 hp, Lbp

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**Mbsm.pro, hermetic,  
compressor, Danfoss, R600a, –**

# **MBP/LBP, TLX7KK, 1/5 hp, 102H4746**

written by Lilianne | 31 December 2022



Mbsm.pro, hermetic, compressor, Danfoss, R600a, – MBP/LBP, TLX  
7 KK, 1/5 hp

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# **Mbsm.pro, Compressor, Danfoss, 1/4hp++, mhbp, G190an, R134a, 220-230v, 1ph, 50hz , Csir**

written by Lilianne | 31 December 2022



Mbsm.pro, Compresor, Danfoss, 1/4hp++, mhbp, G190an, R134a,  
220-230v, 1ph, 50hz , Csir

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# **MBSM.pro, Compressor, 13HP, Danfoss, Performer, Scroll**

**Compressor, Sm160, Sm161t4vc,  
Refrigeration Chiller, 3 ph,  
380 v, 38BB 055 – 240,  
38bb-250 9e/k, 38BB 250, 250  
= 250000 kBtu/hr, 30 Ton,  
r22, 19 Kg, suction 1-1/8"–2,  
refoulement 5/8"–2**

written by Lilianne | 31 December 2022



MBSM.pro, Compressor, 13HP, Danfoss, Performer, Scroll  
Compressor, Sm160, Sm161t4vc, Refrigeration Chiller, 3 ph, 380  
v, 38BB 055 – 240, 38bb-250 9e/k, 38BB 250, 250 = 250000  
kBtu/hr, 30 Ton, r22, 19 Kg, suction 1-1/8"–2, refoulement  
5/8"–2

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**Mbsm.pro, Compressor, 105g  
6728, NL7FT, 1/4hp, 105g6728,  
Danfoss, R134A, 220-240V, 1bp**

written by Lilianne | 31 December 2022



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Mbsm.pro, Compressor, 105g 6728, NL7FT, 1/4hp, 105g6728, Danfoss, R134A, 220-240V