

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

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

Net weight	12.47 kg
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Application energy level	High Energy-optimized
Applications	LBP
Auxiliary winding resistance (start winding) for single-phase compressors alt [0hm]	31.8 0hm
Base plate type	EU small
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
Colour	Black
Compressor power supply [V/Ph/Hz]	220-240/1/50
Configuration code	Single
Cut in current LST [A]	6.4 A
Description	NLX11KK.2
Discharge connection angle [Â°]	21 Â°
Discharge connection comments	Al-cap
Discharge connection diameter [mm]	5 mm
Discharge connection material	Cu-plated steel
Economizer	No
Free gas volume [cm3]	2360 cm3
Frequency [Hz]	50
Height from baseplate [mm]	197 mm
High value of nominal voltage at 50Hz [V]	240 V
High value of voltage range at 50Hz [V]	255 V
Length [mm]	252 mm
Liquid injection	No

Low value of nominal voltage at 50Hz [V]	220 V
Low value of voltage range at 50Hz [V]	187 V
LRA LST [A]	3.5 A
Main winding resistance for single-phase compressors [Ohm]	18.5 Ohm
Model number	NLX11KK.2
Motor type	RSCR
No. of phases (compressor)	1
Oil quantity [cm³]	270 cm ³
Oil type	POE
Packing format	Industrial pack
Packing quantity	80
Process connection angle [°]	25 °
Process connection comments	Al-cap
Process connection diameter [mm]	6.2 mm
Process connection material	Cu-plated steel
Refrigerant	R600a
Refrigerant charge [kg] [Max]	0.15 kg
RLA	0.70 A
Rotational speed at 50Hz [rpm]	3000 rpm
Run capacitor capacitance	2 µF
Segment usage	Refrigeration LT
Speed Platform	Fixed-speed
Suction connection angle [°]	2 °
Suction connection comments	Al-cap
Suction connection diameter [mm]	6.2 mm
Suction connection material	Cu-plated steel
Swept volume [cm³]	11.15 cm ³

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

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

Segment usage	Refrigeration LT
Speed Platform	Fixed-speed
Suction connection angle [°]	2 °
Suction connection comments	Al-cap
Suction connection diameter [mm]	6.2 mm
Suction connection material	Cu-plated steel
Swept volume [cm³]	11.15 cm ³
Technology	Reciprocating
Total height [mm]	203 mm
Type	NL
Type designation	Compressor
Voltage 50Hz [V]	220 V
Voltage 50Hz [V] [Max]	240 V
Width [mm]	166 mm
Winding temperature short term [°C] [Max]	110 °C
Winding temperature stat [°C] [Max]	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)	(kW)	(W)	(kW)	(kcal/h)	(kW)	(kcal/h)
	PLE35K	102H40360			35	52	68	87	105		27	0.68	36	33			
	TL550KK.3	102H44330	19	29	57	75	96				42	0.90	57	69	1.18		
	TL550KK.3	102H44330	28	40	73	94	119				55	1.00	74	65	1.30		
	TL550KK.3	102H44330	36	50	89	114	144				68	1.02	91	79	1.52		
	TL550KK.3	102H44730	45	61	105	134	168				81	1.02	108	94	1.81		
	TL550KK.3	102H44830	53	71	122	155	194				94	1.02	126	108	2.12	1.14	
	TL550KK.3	102H44930	62	83	143	181	228				110	1.03	147	126	2.33	1.14	
	TL550KK.3	102H44930									130	1.04	172	148	2.55	1.15	
	TL550KK.4	102H46000	62	84	140	179	223				110	1.18	147	127	2.51	1.20	
	TL550KK.4	102H46007	74	99	164	207	257				128	1.19	170	151	2.57	1.30	
	TL550KK.4	102H46022	82	108	184	232	290				143	1.19	181	165	2.52	1.31	
	TL550KK.4	102H46059	99	137	217	274	340				170	1.18	226	194	2.50	1.29	
	TL550KK.4	102H46068	110	146	243	307	382				190	1.20	251	219	2.53	1.32	
	TL540KK.3	102H44542	19	29	57	74	95				42	0.96	57	69	1.26	1.08	
	TL540KK.3	102H44542	28	40	73	94	119				55	1.04	74	65	1.35	1.16	
	TL540KK.3	102H44542	36	51	89	114	144				68	1.03	91	79	1.53	1.15	
	TL540KK.3	102H44742	46	62	106	135	170				82	1.10	110	94	1.42	1.22	
	TL540KK.3	102H44842	53	71	122	155	194				94	1.09	126	108	1.41	1.22	
	TL540KK.3	102H44942	65	86	144	182	227				112	1.12	149	126	1.44	1.24	
	TL540KK.3	102H44947	21	32	59	76	95				45	1.10***	60	52			
	TL540KK.3	102H45047	36	52	90	116	146				57	1.20***	76	65			
	TL540KK.3	102H46047	37	52	91	115	143				70	1.20***	93	80			
	TL540KK.3	102H46747	46	63	106	133	165				83	1.20***	110	95			
	TL540KK.3	102H46847	55	75	125	157	195				98	1.20***	130	112			
	TL540KK.3	102H46947	65	88	146	184	227				115	1.20***	152	131			
	TL540KK.3	102H46874	60	83	144	182	227				111	1.25	140	127			
	TL540KK.3	102H46871	74	100	169	215	269				131	1.36	174	150			
	TL540KK.3	102H46884	84	112	189	240	300				147	1.36	195	168			
	TL540KK.3	102H46905	98	133	223	282	350				174	1.36	231	199			
	TL540KK.3	102H46981	110	147	249	317	397				193	1.34	257	221			
	TL540KK.3	102H46910	52	73	130	167	210				99	1.40***	133	115			
	TL540KK.3	102H46911	62	85	147	187	234				113	1.40***	151	130			
	TL540KK.3	102H46920	75	101	175	227	271				133	1.40***	176	153			
	TL540KK.3	102H46971	86	115	192	242	301				150	1.40***	200	172			

**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/MBP/HST
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

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

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

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

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

DANFOSS, 1/6 hp, Lbp

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

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

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

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

**Mbsm.pro, Compressor,
Danfoss, 1/4hp++, mhbp,**

GL90an, R134a, 220-230v, 1ph, 50hz , Csir

written by Lilianne | 31 December 2022



Mbsm.pro, Compresor, Danfoss, 1/4hp++, mhbp, GL90an, R134a, 220-230v, 1ph, 50hz , Csir

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



Model no: SM161T4VC



Serial no: GD2503110072



Danfoss
MADE IN CHINA

M	380-400 V 3 ~ 50 Hz	UL electrical
	460 V 3 ~ 60 Hz	LR 145 A MAX OPER. 31 A
	Thermally protected system	
P.E.D.	LP side	HP side
Marking	25 bar	27.8 bar
PS	63 °C	150 °C
TS max	-35 °C	-35 °C
TS min	17.8 L	2.0 L
Volume	Lubricant: MINERAL OIL 1600	

CE US EAC
0062



Refrigerant: R22 (UL rating) - R417A with 160SZ
PROTECTED BY DOMESTIC AND FOREIGN PATENTS

WARNING

Installation and servicing shall be performed by trained personnel only. Failure to observe these safety warnings could result in serious injury or death.

ELECTRIC SHOCK HAZARD: Turn off power before servicing. Disconnect all connections.

Keep terminal cover in place and securely fastened whenever power is applied to the compressor. Use the equipment only as provided by the manufacturer.

HIGH PRESSURE: System contains refrigerant and oil under pressure. Release pressure from both the high and low side before servicing. Never release refrigerant.

FLAME HAZARD: Use flammable solvents with caution. Do not use spray on or near the unit.

MAX

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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

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

written by Lilianne | 31 December 2022



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