

Mbsm.pro, Compressor, esd65a, 100 w, 1/8 hp, r600a

Category: compressor

written by www.mbsm.pro | 21 March 2023



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Mbsm.pro, Compressor, esd65a, 100 w, 1/8 hp, r600a

Mbsm.pro, Compressor, Lg, bsa057nbmv,
BLCD, Inverter, serie BS, 540 L,
ENIEM, TN2000, Nofrost, r600a, 1/5 hp

Category: compressor

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Mbsm.pro, Compressor, Lg, bsa057nbmv, BLCD, Inverter, serie BS, 540 L, ENIEM, TN2000, Nofrost, r600a, 1/5 hp

Mbsm.pro, Compressor, ZEL, Mini,
HDZ140, R600a, 1/8 hp, input 87 w,
492 btu, 124 kcal, lbp

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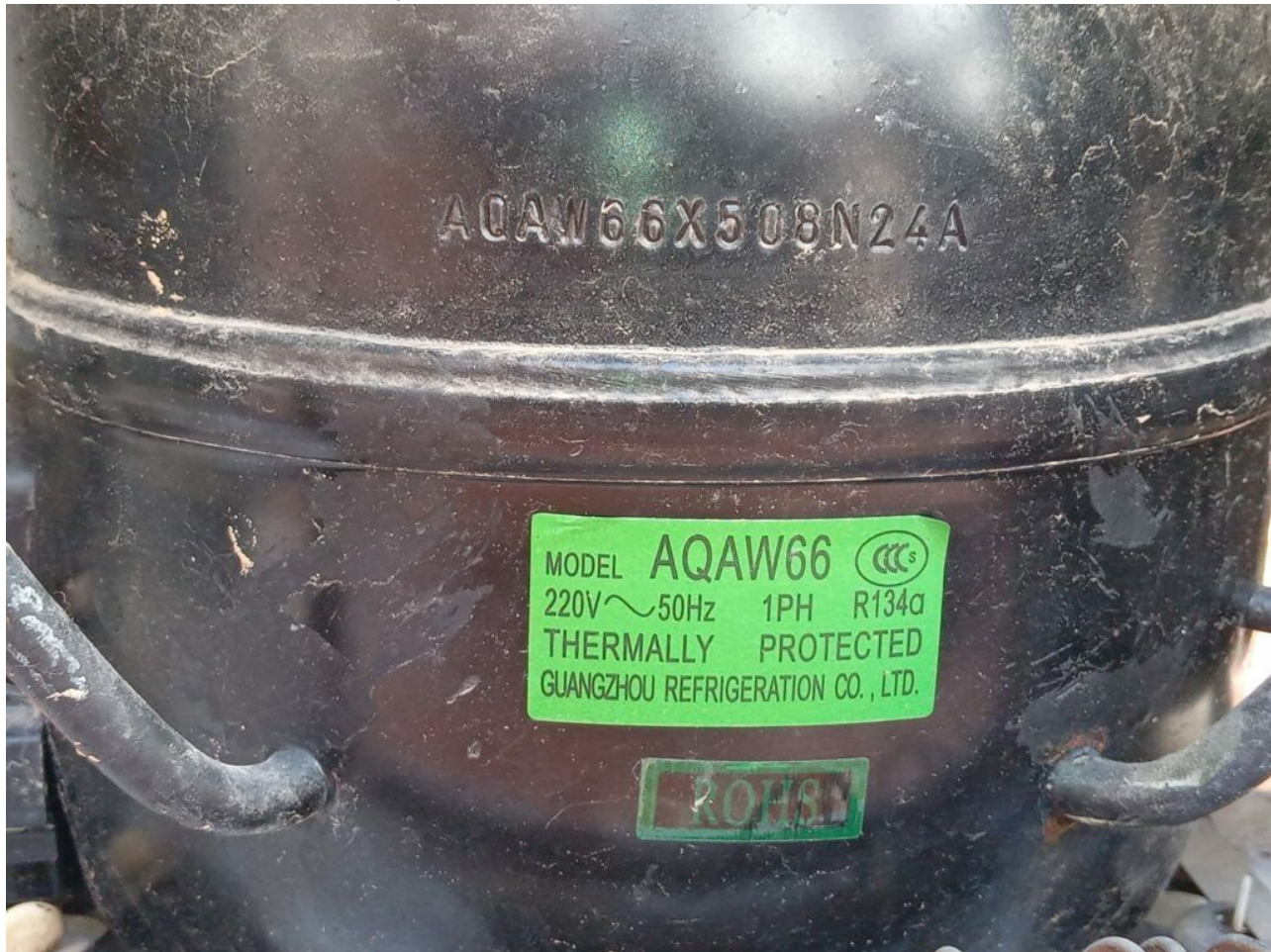
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Mbsm.pro, Compressor, ZEL, Mini, HDZ140, R600a, 1/8 hp, 90 w, 492 btu, 124 kcal, lbp

Mbsm.pro, Compressor, AQAW66X, r134a, FKD66ML, r600a, 1/5 hp, Freezer, Wanbao Refrigerator Compressor

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Mbsm.pro, Compressor, AQAW66X, 1/5 hp, Freezer, Wanbao Refrigerator Compressor

Mbsm.pro, Compressor Acc, hmk95at, 1/5 hp, r600a, 160 w

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Technical data

Click over each model for complete details and technical sheet.

Model	Refrigerant	Rated Voltage	Frequency	Displacement	Motor Type	Cooling Capacity		COP without R.C.		COP with R.C.		Approval	Height	Net Weight
						ASHRAE	CECOMAF	ASHRAE	CECOMAF	ASHRAE	CECOMAF			
						-23.3°	-25°	-23.3°	-25°	-23.3°	-25°			
		[V]	[Hz]	[cc]		[W]	[W]	[W/W]	[W/W]	[W/W]	[W/W]		[mm]	[Kg]
HMK70AA	R600a	220-240	50	6.6	RSIR	116	87	1.49	1.18	-	-	VDE, CE, EAC	159	7.2
HMK80AA	R600a	220-240	50	8.1	RSIR	136	102	1.50	1.18	-	-	VDE, CE, EAC	159	7.2
HMK95AA	R600a	220-240	50	9.6	RSIR	167	125	1.53	1.20	-	-	VDE, CE, EAC	159	7.5
HMK12AA	R600a	220-240	50	11.1	RSIR	198	149	1.53	1.20	-	-	VDE, CE, EAC	167	8.4
HMK95AT	R600a	200-240	50	9.6	RSIR	167	126	1.53	1.20	-	-	CE	167	8.4



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Mbsm.pro, Compressor, AK100CY1, R600a, 1/8 hp, mini Refrigeration Compressor, Donper compressor

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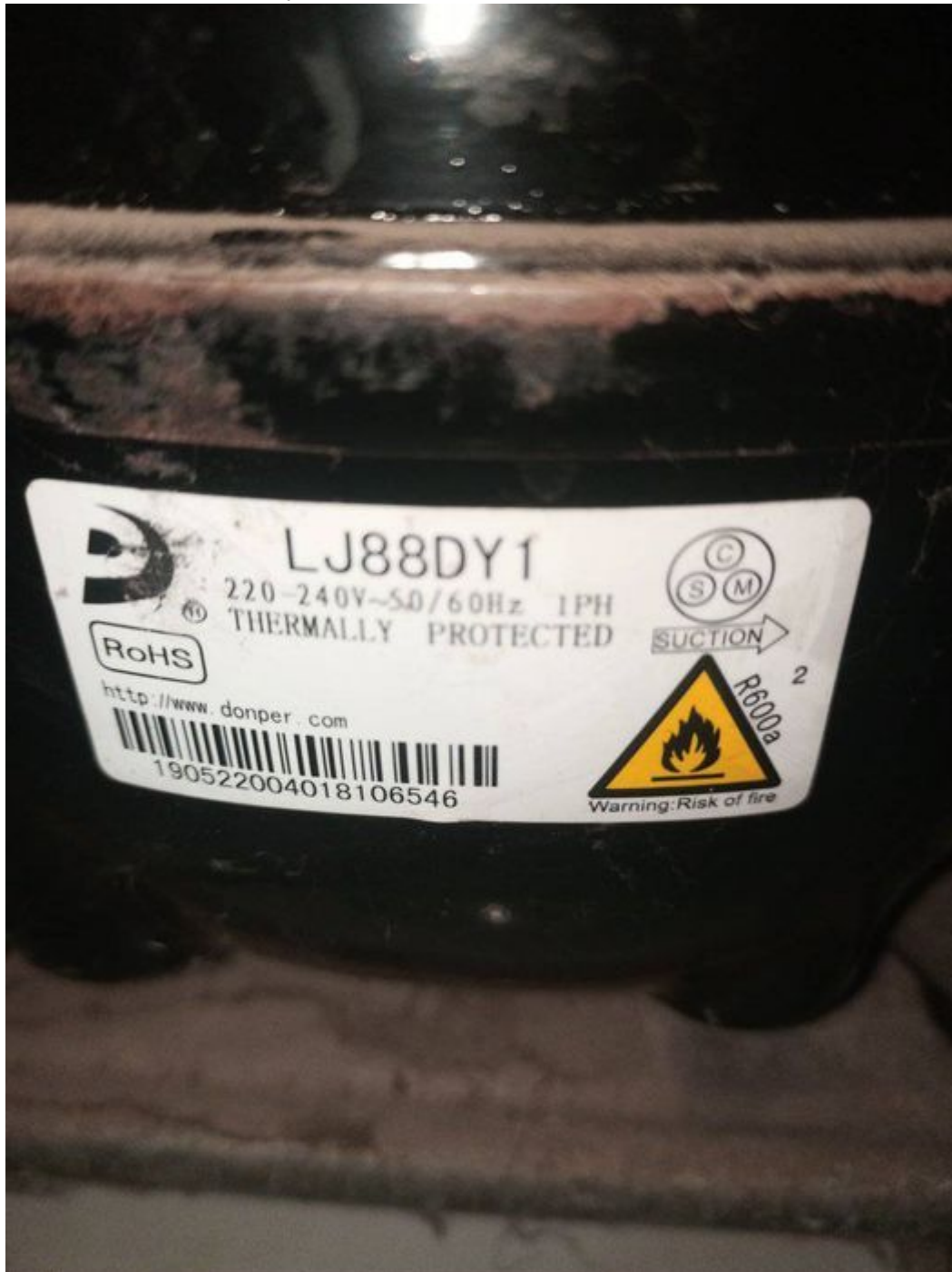


Mbsm.pro, Compressor, AK100CY1, R600a, 1/8 hp, mini Refrigeration Compressor, Donper compressor

Mbsm.pro, Compressor, Domper, LJ88DY1, R600a, Lbp, 1/5 hp, 185 w, 8.8 cm³

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Mbsm.pro, Compressor, Domper, LJ88DY1, R600a, Lbp, 1/5 hp, 185 w, 8.8 cm³

Mbsm.pro, Dongbei compressor,
aluminum wire, R600a, R134a, S65CY1,
S75CY1, S80CY1, S96CY1, H170CY1,
L118CY1, L126CY1, L140CY1, K270CY1,
D40CY1, D53CY1, D65CY1, A80CY1,
A100CY1, A120CY

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Mbsm.pro, Dongbei compressor, aluminum wire, R600a, R134a, S65CY1, S75CY1, S80CY1, S96CY1, H170CY1, L118CY1, L126CY1, L140CY1, K270CY1, D40CY1, D53CY1, D65CY1, A80CY1, A100CY1, A120CY

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

hp-, r600a

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			-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		
		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	
		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	
		NLES8.8KK.4	105H6800	63	84	141	179	223				110	1.18	1.22	147	127	1.51	1.30	
		NLE10KK.4	105H6867	74	98	164	207	257				128	1.19	1.23	170	151	1.51	1.30	
Energy-optimized	4.	NLE13KK.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	
		NLE15KK.4	105H6968	110	146	243	307	382				190	1.20	1.25	253	213	1.53	1.32	
		3.	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
			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
		High Energy-optimized	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			
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			
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			
High Energy-optimized	2.	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			
		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

Application energy level

Applications

Auxiliary winding resistance (start winding) for single-phase compressors alt [0hm]

Base plate type

Brand technique

Capacity control

Colour

Compressor power supply [V/Ph/Hz]

Configuration code

Cut in current LST [A]

Description

Discharge connection angle [°]

Discharge connection comments

High Energy-optimized

LBP

31.8 Ohm

EU small

Reciprocating compressor

Fixed speed

Black

220-240/1/50

Single

6.4 A

NLX11KK.2

21 °

Al-cap

Discharge connection diameter [mm]	5 mm
Discharge connection material	Cu-plated steel
Economizer	No
Free gas volume [cm ³]	2360 cm ³
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 [cm ³]	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 [cm ³]	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 [cm ³]	2360 cm ³
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 [cm ³]	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 [Â°] 2 Â°
 Suction connection comments Al-cap
 Suction connection diameter [mm] 6.2 mm
 Suction connection material Cu-plated steel
 Swept volume [cm3] 11.15 cm3
 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 [Â°C] [Max] 110 Â°C
 Winding temperature stat [Â°C] [Max] 95 Â°C
 Refrigerant: R600a, Segment usage: Refrigeration LT, Compressor power supply [V/Ph/Hz]: 220-240/1/50

			-35	-30	-20	-15	-10	-5	0	5	(W)	(kW)	(kW)	(W)	(kcal/h)	(kW)	(kcal/h)
Energy-optimized	PLS3K	15210050			38	52	68	87	109		27		0.68	38	33		
	TL540K.B	15204438	19	29	57	75	96			42	0.90		57	49	1.18		
	TL540K.B	15204538	28	40	73	94	119			55	1.00		74	65	1.30		
	TL540K.B	15204638	30	50	89	114	144			68	1.02		91	79	1.32		
	TL540K.B	15204738	45	67	105	136	168			91	1.02		108	94	1.37		
	TL570K.B	15204838	53	71	122	155	194			94	1.02	1.07	126	108	1.32	1.14	
	TL570K.B	15204938	62	83	143	181	228			110	1.03	1.08	147	126	1.33	1.14	
	TL570K.B	15204038								130	1.04		172	148	1.35	1.15	
	NLX10K.A	15204800	61	84	141	179	223			110	1.18	1.22	147	127	1.31	1.30	
	NLX10K.A	15204807	74	99	164	207	257			128	1.19	1.23	170	151	1.31	1.30	
High Energy-optimized	NLX10K.A	15204952	82	108	184	232	290			143	1.19	1.22	181	165	1.32	1.31	
	NLX10K.A	15204959	99	137	217	274	340			170	1.18	1.23	226	194	1.30	1.29	
	NLX10K.A	15204968	110	148	243	307	382			190	1.20	1.25	253	215	1.33	1.32	
	TL540K.B	15204442	19	29	57	74	95			42	0.90	0.99	57	49	1.20	1.08	
	TL540K.B	15204542	28	40	73	94	119			55	1.04	1.06	74	65	1.35	1.16	
	TL540K.B	15204642	30	51	89	114	144			68	1.03	1.06	91	79	1.33	1.15	
	TL540K.B	15204742	46	62	106	133	170			82	1.10	1.14	110	94	1.42	1.22	
	TL570K.B	15204842	53	71	122	155	194			94	1.00	1.14	126	108	1.41	1.22	
	TL570K.B	15204942	65	86	144	182	227			112	1.12	1.16	149	126	1.44	1.24	
	TL60K.B	15204447	21	32	59	76	95			45		1.15***	60	52			
High Energy-optimized	TLX10K.B	15204547	36	52	90	116	146			57		1.24***	76	65			
	TLX10K.B	15204647	37	52	91	115	143			70		1.28***	83	80			
	TLX10K.B	15204747	46	63	106	133	165			83		1.30***	110	95			
	TLX10K.B	15204847	55	75	125	157	195			96		1.32***	130	112			
	TLX10K.B	15204947	65	88	146	184	237			115		1.35***	152	131			
	NLX10K	15204874	60	83	144	182	227			111		1.35	148	127			
	NLX10K	15204871	74	100	169	215	280			131		1.36	174	150			
	NLX10K	15204984	84	112	189	240	300			147		1.38	195	168			
	NLX10K	15204983	98	133	223	282	350			174		1.38	221	199			
	NLX10K	15204981	110	147	249	317	397			193		1.34	257	221			
High Energy-optimized	NLX10K.B	15204010	52	72	130	167	210			99		1.40***	133	115			
	NLX10K.B	15204011	62	85	147	187	234			113		1.40***	151	130			
	NLX10K.B	15204101	75	101	171	217	271			133		1.40***	178	153			
	NLX10K.B	15204071	86	111	192	242	301			150		1.40***	200	172			

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Mbsm.pro, Donper, compressor, aluminum, wire, R600a, R134a, Exemple, a100cy1, 1/5 hp, 93 w, Lbp, R600a

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