

**Mbsm.pro, Compressor, GL60AA,  
GL60AB, GL50AA, GL50AB,  
AZ107Y, AZ90, YGVM44AA,  
GLY45AA, GLY45AA, TLS5F, 1/6  
hp, 1bp**

written by Jamila | 27 November 2022



Mbsm.pro, Compressor, GL60AA, GL60AB, GL50AA, GL50AB, AZ107Y,  
AZ90Y, GVM44AA, GLY45AA, 1/6 hp, 1bp

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**Mbsm.pro, Compressor,  
Eateron, E100HL, R-134,**

# 23.3C, 280W, HUAYI, LBP

written by Jamila | 27 November 2022



Mbsm.pro, Compressor, Eateron, E100HL, R-134, 23.3C, 280W,  
HUAYI, LBP

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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**

written by mahdi miled | 27 November 2022



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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, compressor, Highly, hitachi, rotary, SHX33 , 2 hp, 17750 btu, R22

written by Jamila | 27 November 2022




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Mbsm.pro, compressor, Highly, hitachi, rotary, SHX33 , 2 hp, 17750 btu, R22

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

written by mahdi miled | 27 November 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	
		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
		NLE8.8KK.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
High Energy-optimized	4.	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
		NLE15KK.4	105H6968	110	146	243	307	382			190	1.20	1.25	253	213	1.53	1.32
		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
		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			
	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
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<b>Net weight</b>	12.47 kg
<b>Gross weight</b>	12.47 kg
<b>Net weight</b>	12.47 kg

<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 [Â°]</b>	21 Â°
<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

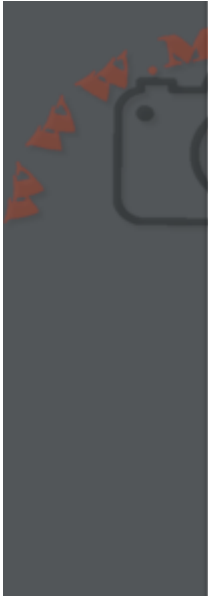


<b>Suction connection material</b>	Cu-plated steel
<b>Swept volume [cm<sup>3</sup>]</b>	11.15 cm <sup>3</sup>
<b>Technology</b>	Reciprocating
<b>Total height [mm]</b>	203 mm
<b>Type</b>	NL
<b>Type designation</b>	Compressor
<b>Voltage 50Hz [V]</b>	220 V
<b>Voltage 50Hz [V] [Max]</b>	240 V
<b>Width [mm]</b>	166 mm
<b>Winding temperature short term [Â°C] [Max]</b>	110 Â°C
<b>Winding temperature stat [Â°C] [Max]</b>	95 Â°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 [Â°]</b>	21 Â°
<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 $\mu$ F
<b>Segment usage</b>	Refrigeration LT
<b>Speed Platform</b>	Fixed-speed
<b>Suction connection angle [<math>^{\circ}</math>]</b>	2 $^{\circ}$
<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 [<math>^{\circ}</math>C] [Max]</b>	110 $^{\circ}$ C
<b>Winding temperature stat [<math>^{\circ}</math>C] [Max]</b>	95 $^{\circ}$ 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	-10	0	10	20	30	40	50	60	70	80	90	100	(kW)	(kWh)	(kWh)	(kWh)	(kWh)	(kWh)	(kWh)	
Energy-optimized	1	PLESK	10160360															27	0.68	36	33				
		TL5000K.3	10204430	19	29	57	75	96										42	0.90	68	57	49	1.18		
		TL5500K.3	10204430	28	40	73	94	119										55	1.00	74	65	53	1.30		
		TL5500K.3	10204630	36	50	89	114	144										68	1.02	91	79	53	1.32		
		TL5500K.3	10204730	45	61	105	134	168										81	1.02	106	94	53	1.31		
		TL5700K.3	10204830	53	71	122	155	194										94	1.02	126	108	53	1.34		
		TL5800K.3	10204930	62	83	143	181	228										110	1.03	138	126	53	1.34		
		TL5800K.3	10204030															130	1.04	172	148	53	1.35		
		ML5000K.4	10204000	65	84	145	179	223										110	1.18	147	127	53	1.30		
		ML5000K.4	10204007	74	98	164	207	257										128	1.19	170	151	53	1.30		
High Energy-optimized	2	TL5000K.4	10204052	82	109	184	232	290										143	1.19	191	165	53	1.31		
		ML5000K.4	10204050	99	137	217	274	340										170	1.18	226	194	53	1.29		
		ML5000K.4	10204068	110	146	243	307	382										190	1.20	253	213	53	1.32		
		TL5400K.3	10204042	19	29	57	74	95										42	0.96	69	57	49	1.26	1.08	
		TL5400K.3	10204042	28	40	73	94	119										55	1.04	74	65	53	1.36		
		TL5500K.3	10204042	36	51	89	114	144										68	1.03	91	79	53	1.35		
		TL5500K.3	10204042	46	62	106	135	170										82	1.10	114	100	54	1.22		
		TL5700K.3	10204042	53	71	122	155	194										94	1.09	126	108	54	1.22		
		TL5800K.3	10204042	65	86	144	182	227										112	1.12	149	126	54	1.24		
		TL4000K.3	10204447	21	32	59	76	95										40	1.15***	60	52				
	TL4000K.3	10204547	36	52	90	116	146										57	1.24***	76	65					
	TL5000K.3	10204647	37	52	91	115	143										70	1.28***	93	80					
	TL6000K.3	10204747	46	63	106	133	165										83	1.30***	110	95					
	TL7000K.3	10204847	55	75	125	157	195										98	1.32***	130	112					
	TL8000K.3	10204947	65	88	146	184	227										115	1.31***	152	131					
	ML5000K	10204054	60	83	144	182	227										111	1.35	148	127					
	ML5000K	10204071	74	100	169	215	269										131	1.36	174	150					
	ML5100K	10204088	84	112	189	240	300										147	1.36	195	168					
	ML5100K	10204085	98	133	223	282	350										174	1.36	231	199					
	ML5100K	10204081	110	147	249	317	397										193	1.34	257	221					
	ML5000K.2	10204010	52	73	130	167	210										99	1.40***	133	115					
	ML5000K.2	10204011	62	85	147	187	234										113	1.40***	151	130					
	ML5000K.2	10204010	75	101	171	217	271										133	1.40***	176	153					
	ML5100K.2	10204071	88	115	192	242	301										150	1.40***	200	172					

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**Mbsm . pro , compressor , PW3 . 5VK , DFV4 . 0HF , DFV4 . 5HF , DFV5 . 5HF , DFV6 . 5HF , DFV6 . 5HF , DFV7 . 5HF ,**

written by mahdi miled | 27 November 2022



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Mbsm.pro, compressor, PW3.5VK, DFV4.0HF, DFV4.5HF, DFV5.5HF, DFV6.5HF, DFV6.5HF, DFV7.5HF,

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

written by Jamila | 27 November 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

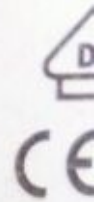
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**Mbsm.pro, R-410A, Fixed  
Speed, Rotary, Compressor,  
Mitsubishi, NN21YDAMT, 1.74  
hp, 18000 btu, 3 Ph, 380 v**

written by Jamila | 27 November 2022



SIAM COMPRESSOR  
INDUSTRY CO., LTD.



WARNING

(... .., etc.)  
 Hazards  
 without the cover.  
 with bare hands  
 after disassemb.  
 welding  
 ELECTRIC

REFRIGERANT COMPRESSOR  
MODEL **NN21YDAMT**

MANUFACTURING DATE **05112016**

POWER SOURCE  
**380-415V 3~ 50Hz**  
**460V 3~ 60Hz**

POWER INPUT **1780** W AT **50** Hz

LRA **31/33** A

REFRIGERANT **R-410A**

OIL **1.20** L

AP **4.15** MPa

SP **15.0** MPa

**THERMALLY PROTECTED**

MADE IN THAILAND



Mbsm.pro, R-410A, Fixed Speed, Rotary, Compressor, Mitsubishi,  
NN21YDAMT, 1.74 hp, 18000 btu, 3 Ph, 380 v

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**Mbsm.pro, Cubigel, GP16TB,  
hermetic, compressor, 3/8  
hp++, 1/2 hp-, HBP, R134a,  
R1234yf, CSIR,**

written by Lilianne | 27 November 2022



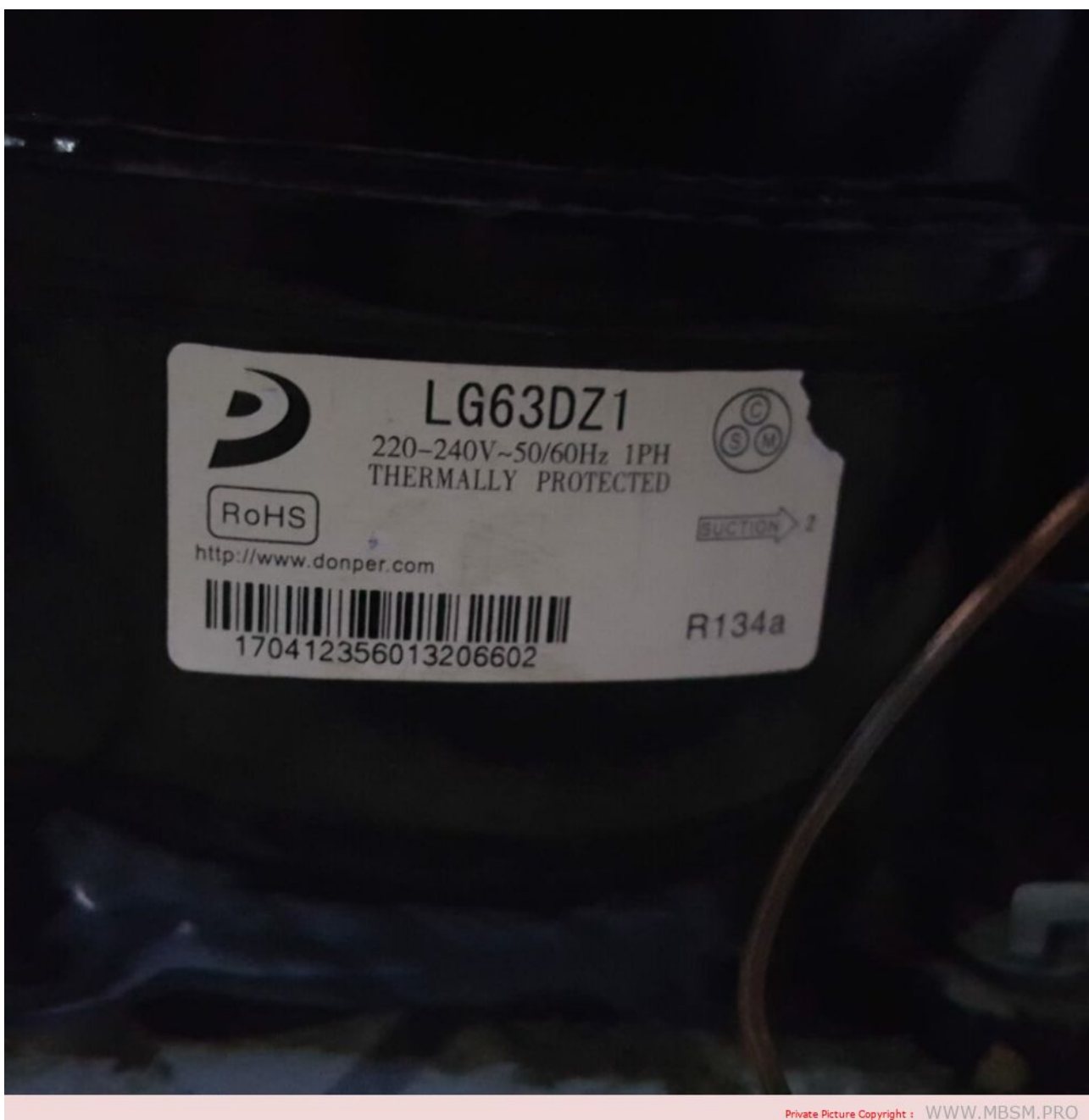
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Mbsm.pro, Cubigel, GP16TB, hermetic, compressor, 3/8 hp++, 1/2 hp-, HBP, R134a, R1234yf, CSIR,

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**Mbsm.pro, Freeser, 135 L,  
Ch140, Mondial for home  
appliance, compressor,  
LG63DZ1, 1/4- hp, 1/5 hp,  
r134a, 110 g**

written by Jamila | 27 November 2022



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Mbsm.pro, Freeser, 135 L, Ch140, Mondial for home appliance,

compressor, LG63DZ1, 1/4 hp, r134a, 110 g