

LG, Refrigerator, Compressor,
FC75LBNA, TCA35271202, Inverter,
AR125VC, R134A, 1/3hp, 0-220V 53HZ

Category: compressor

written by www.mbsm.pro | 22 April 2021



LG, Refrigerator, Compressor, FC75LBNA, TCA35271202, Inverter, AR125VC, R134A,
1/3hp, 0-220V 53HZ

Compressor, hermétiques, DANFOSS, TL,
FR et SC, SC10B, SC12B, SC15B, SC18B,
SC21B, SC10B, SC12B, SC15C, SC10G,
SC12G, SC18G, SC21G, SC12CL, SC18CL

Category: compressor

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SC12B

220-240V-50Hz

HBP LST/HST

240V-50Hz

LBP LST/HST

220-240V-60Hz

LBP LST/HST



Danfoss

104L



54AT7LHD

2670

CE

MADE IN GERMANY

Compresseurs hermétiques DANFOSS TL, FR et SC

BOC partie No.	Code Danfoss	Puissance nominale et applic	Refrig.	Capacité nominale (watts)	Réf. BOC	Code Danfoss	Puissance nominale et applic	Réfrigérer	Capacité nominale (watts)
FR6B	103U2654	1/5 MBP	R12	354	TL3F	102G4300	1/10 LBP	R134a	58
FR.5B	103U2854	1/4 MBP	R12	450	TL4F	102G4400	1/8 LBP	R134a	84
SC10B *	104L2510	1/3 MBP	R12	588	TL55F	102G4520	1/6 LBP	R134a	127
FR11B	103U2154	1/3 MBP	R12	624	TL57F	102G4720	1/5 LBP	R134a	162
SC12B *	104L2670	4/9 MBP	R12	756	NL7F	105G6706	1/4 LBP	R134a	183
SC15B *	104L2830	1/2 MBP (LBP)	R12 (R502)	912 (768)	NL9F **	105G6802	1/4 LBP	R134a	214
SC18B *	1042110	2/3 MBP (LBP)	R12 (R502)	1044 (900)	NL11F **	105G6910	1/4 LBP	R134a	274
SC21B	104L2310	3/4 MBP	R12	1212	SC15F **	104G8500	1/3 LBP	R134a	319
SC10B	104L2510	1/3 LBP	R502	468	SC18F **	104G8800	4/9 LBP	R134a	395
SC12B	104L2670	4/9 LBP	R502	612	TL3G	104G4350	1/8 MBP	R134a	175
SC15C	104L2832	2/3 LBP	R502	768	TL4G	102G4452	1/6 MBP	R134a	215
SC18C	104L2111	3/4 LBP	R502	900	FR6G	103G6660	1/5 MBP	R134a	351
SC10G	104G8000	1/3 MBP	R134a	591	FR.5G	103G6780	1/4 MBP	R134a	468
SC12G	104G8240	4/9 MBP	R134a	751	FR11G	103G6980	1/3 MBP	R134a	609
SC18G	104G8820	2/3 MBP	R134a	1059	SC15G	104G8520	1/2 MBP	R134a	892
SC21G	104G8140	3/4 MBP	R134a	1256	SC10CL	104L2523	1/3 MBP	R507	450
SC12CL	104L2623	4/9 LBP	R507	624	SC15CL	104L2853	2/3 LBP	R507	758
SC18CL	104L2123	3/4 LBP	R507	893					

Remarque:

1. Les compresseurs marqués ** sont équipés de raccords de refroidisseur d'huile.
2. Les compresseurs marqués * peuvent être utilisés sur les systèmes R502 avec un fonctionnement à tube capillaire dans la gamme LBP.
3. (Systèmes sans dégivrage automatique uniquement).

Capacités nominales basées sur:

LBP = -23,3 ° C température d'évaporation

MBP = -5 ° C température d'évaporation

Relais de remplacement (appareil de démarrage)	
Réf. BOC	Convient au modèle de compresseur
103N0011	TL3A à TL5A, FR7.5A à FR11A
103N0002	SC12A, SC15A

urs muraux, systèmes de refroidissement et de chauffage

Tableau de puissance des compresseurs Danfoss

Tableau de puissance des compresseurs

Danfoss

Capacité nominale (Watts)	Réfrigérant	Puissance nominale et applic	Code Danfoss	BOC PartNo
Capacité nominale en watts	Gaz réfrigérant	Puissance et application	Code du compresseur Danfoss	Numéro d'article
354 http://pakij.ir	R12	1/5 MBP	103U2654 http://pakij.ir	FR6B
450	R12	1/4 MBP	103U2854	FR8.5B
588 http://pakij.ir	R12	1/3 MBP	104L2510 http://pakij.ir	SC10 * B
624	R12	1/3 MBP	103U2154	FR11B
756 http://pakij.ir	R12	4/9 MBP	104L2670 http://pakij.ir	SC12 * B
912 (768)	R12 (R502)	1/2 MBP (LBP)	104L2830	SC15 * B
1044 (900)	R12 (R502)	1/3 MBP (LBP)	1042110	SC18 * B
1212 http://pakij.ir	R12	3/4 MBP	104L2310 http://pakij.ir	SC21B
468	R502	1/3 LBP	104L2510	SC10B
612	R502	4/9 LBP	104L2670	SC12B
768 http://pakij.ir	R502	1/3 LBP	104L2832 http://pakij.ir	SC15C
900	R502	3/4 LBP	104L2111	SC18C
591	R134a	1/3 MBP	104G8000	SC10G
751 http://pakij.ir	R134a	4/9 MBP	104G8240 http://pakij.ir	SC12G
1059	R134a	1/3 MBP	104G8820	SC18G
1256	R134a	3/4 MBP	104G8140	SC21G
624 http://pakij.ir	R507	4/9 LBP	104L2623 http://pakij.ir	SC12CL
893	R507	3/4 LBP	104L2123	SC18CL



SC12B

220-240V-50Hz

HBP LST/HST

240V-50Hz

LBP LST/HST

220-240V-60Hz

LBP LST/HST



Danfoss

104L



54AT7LHD

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CE

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Mbsm_dot_pro_private_PDF_Danfoss_komp_R12_R22_R502Télécharger

Mbsm_dot_pro_private_PDF_Danfoss_komp_R12_R22_R502-Télécharger

Rejoignez-nous

BOC PartNo Numéro d'article	Code Danfoss Code du compresseur Danfoss	Puissance nominale et applic Puissance et application	Réfrigérer Gaz réfrigérant	Capacité nominale (Watts) Capacité nominale en watts
FR6B	103U2654 defrostLir	1/5 MBP	R12	354 defrostLir
FR8.5B	103U2854	1/4 MBP	R12	450
Private Picture Copyright: WWW.MBSM.PRO				
SC10 * B	104L2510 defrostLir	1/3 MBP	R12	588 defrostLir
FR11B	103U2154	1/3 MBP	R12	624
SC12 * B	104L2670 defrostLir	4/9 MBP	R12	756 defrostLir
SC15 * B	104L2830	1/2 MBP (LBP)	R12 (R502)	912 (768)
SC18 * B	1042110	2/3 MBP (LBP)	R12 (R502)	1044 (900)
Private Picture Copyright: WWW.MBSM.PRO				
SC21B	104L2310 defrostLir	3/4 MBP	R12	1212 defrostLir
SC10B	104L2510	1/3 LBP	R502	468
SC12B	104L2670	4/9 LBP	R502	612
SC15C	104L2832 defrostLir	2/3 LBP	R502	768 defrostLir
SC18C	104L2111	3/4 LBP	R502	900
SC10G	104G8000	1/3 MBP	R134a	591
Private Picture Copyright: WWW.MBSM.PRO				

SC12G	104G8240 defrosLir	4/9 MBP	R134a	751 defrosLir
SC18G	104G8820	2/3 MBP	R134a	1059
SC21G	104G8140	3/4 MBP	R134a	1256
SC12CL	104L2623 defrosLir	4/9 LBP	R507	624 defrosLir
SC18CL	104L2123	3/4 LBP	R507	893

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Hitachi Compressor, LBP, R134a, FL1152-RG, 1/6 Hp, 155W, série R012

Category: compressor

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Code No.	Model	HP	Capacity (W)	Current (A)	Efficiency COP (w/w)	Voltage / Frequency
R134a Models						
R012001	FL 06S34-TAB	1/12	85	0.70	0.93	220V – 240V / 50Hz
R012002	FL 0739-SQ	1/10	114	0.72	1.20	
R012003	FL 0847-SD	1/8	130	0.83	1.19	
R012005	FL 1152-SB	1/6	143	0.82	1.27	
R012006	FL 1257-SR	1/5	160	0.90	1.25	
R012007	FL 14S62-TAD	1/5	175	0.95	1.30	
R012008	FL 1568-SQ	1/4	200	1.11	1.30	
R012009	FL 20S88-TAC	1/3	255	1.50	1.25	
R012010	FL1888-SE	1/3	245	1.51	1.25	
R600a Models						
	CL 0545-SZ	1/12	62	0.70	1.12	220V – 240V / 50Hz
	CL 1297-SA	1/5	156	0.90	1.46	
	CL 1310-SA	1/5+	163	0.95	1.48	
R600a Models (Inverter)						
	CL 1588-DZ	1/6	134	0.83	1.62	220V – 240V / 50Hz
	CL 1610-DL	1/5	160	0.90	1.65	

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Code No.	Model	HP	Capacity (W)	Current (A)	Efficiency COP (w/w)	Voltage / Frequency
R134a Models						
R012001	FL 06S34-TAB	1/12	85	0.70	0.93	220V – 240V / 50Hz
R012002	FL 0739-SQ	1/10	114	0.72	1.20	
R012003	FL 0847-SD	1/8	130	0.83	1.19	
R012005	FL 1152-SB	1/6	143	0.82	1.27	
R012006	FL 1257-SR	1/5	160	0.90	1.25	
R012007	FL 14S62-TAD	1/5	175	0.95	1.30	
R012008	FL 1568-SQ	1/4	200	1.11	1.30	
R012009	FL 20S88-TAC	1/3	255	1.50	1.25	
R012010	FL1888-SE	1/3	245	1.51	1.25	
R600a Models						
	CL 0545-SZ	1/12	62	0.70	1.12	220V – 240V / 50Hz
	CL 1297-SA	1/5	156	0.90	1.46	
	CL 1310-SA	1/5+	163	0.95	1.48	
R600a Models (Inverter)						
	CL 1588-DZ	1/6	134	0.83	1.62	220V – 240V / 50Hz
	CL 1610-DL	1/5	160	0.90	1.65	

HITACHI FL1152-RG

220V 50/60Hz OIL 2010.04.27



SERIAL NO. 00542 HFC-134a

⚠ WARNING | HIGH TEMPERATURE
ELECTRIC SHOCK
DO NOT TOUCH H24

60Hz	FL1462-P*	6.2	180	154	615	350	St	RSR	10.5	200	
	FL1462-P*	6.2	210	180	717	310	St	RSCR	11.8	216	
	FL1568-P*	6.8	210	180	717	310	St	RSCR	11.5	217	
	FL1675-P*	7.5	233	200	795	300		OC	RSR	10.8	216
	FL1875-P*	7.5	225	193	768	300		OC	RSR	11.9	211
	FL1875-P*	7.5	255	219	871	300		OC	RSCR	11.9	216
	FL0634-U*	3.4	98	84	335	270	St	RSR	8.3	179	
	FL0739-U*	3.9	114	98	389	270	St	RSR	8.3	179	
	FL1052-U*	5.2	147	126	502	270	St	RSR	8.1	179	
127V	FL1152-U*	5.2	155	133	529	240	St	RSR	9.0	180	
60Hz	FL1262-U*	6.2	173	148	591	320	St	RSR	9.8	195	
	FL1462-U*	6.2	180	154	615	350	St	RSR	10.5	200	
	FL1568-U*	6.8	208	178	710	310	St	RSCR	11.5	216	
	FL1568-U*	6.8	228	196	778	310	St	RSR	10.5	200	
	FL1875-U*	7.5	225	193	768	300		OC	RSR	11.1	216
200V	FL1875-T*	7.5	200	232	172	683	300	OC	IR	11.1	211
50/60Hz	FL2088-T*	8.8	263	290	226	898	300	OC	IR	11.1	211
	FL0634-R*	3.4	98	84	335	270	St	RSR	8.0	179	
	FL0739-R*	3.9	115	99	393	270	St	RSR	8.0	179	
	FL0845-R*	4.5	122	105	417	240	St	RSR	8.7	180	
220V	FL1052-R*	5.2	150	129	512	240	St	RSR	8.9	180	
60Hz	FL1152-R*	5.2	155	133	529	270	St	RSR	8.1	179	
	FL1262-R*	6.2	162	139	553	320	St	RSR	9.8	195	
	FL1462-R*	6.2	207	178	707	300	St	RSR	10.6	196	
	FL1568-R*	6.8	228	196	778	310	St	RSR	10.5	200	
	FL1568-R*	6.8	181	155	618	300	St	RSCR	11.5	216	
	FL1875-R*	7.5	238	204	813	300		OC	RSR	11.1	216
	FL0634-S*	3.4	95	82	324	240	St	RSCR	9.0	180	
	FL0634-S*	3.4	82	70	280	270	St	RSR	7.8	179	
	FL0734-S*	3.4	95	82	326	240	St	RSCR	9.0	180	

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KCE444HAG , 3/8 Hp , 230V, 50Hz, 1Phase ,High / Medium temperature (HBP / CBP), R-134a

Category: Technologie,Tester ok
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Performance Nominals

High Back Pressure			Capacity						Commercial Back Pressure		
Model	HP	Displacement cc per Rev	7.2°C			-6.7°C			Cooling Type (CFM)	Oil Charge Qty (cc)	Net Wt. (Kg.)
			Btu/Hr.	kCal/Hr.	Watt	Btu/Hr.	kCal/Hr.	Watt			
R134a, 50 Hz, 1 Phase											
KCE419HAG	1/6	5.79	1585	399	465	860	217	252	Fan 350	310	10.2
KCN413CAG	1/6	6.15	-	-	-	1080	272	316	Fan 350	340	9.7
KCE425HAG	1/5	7.58	2145	540	629	1075	271	315	Fan 350	310	10.8
KCN416CAG	1/5	7.31	-	-	-	1380	338	392	Fan 350	340	9.7
KCE432HAG	1/4	9.42	2690	678	788	1330	332	390	Fan 350	310	11.8
KCE444HAG	3/8	12.05	3675	926	1077	1880	474	551	Fan 350	310	11.8
KCJ444HAG	3/8	12.58	3700	932	1064	1720	433	504	Fan 350	890	20.2
KCN463HAG	1/2	15.33	5250	1323	1538	3130	789	917	Fan 350	380	11.5
KCJ467HAG	1/2	18.27	5600	1411	1640	2830	713	829	Fan 350	890	21.0
KCJ498HAG	3/4+	25.91	8200	2066	2402	4100	1033	1201	Fan 350	890	21.5
R134a, 60 Hz, 1 Phase 230 V											
KCE432HAG	1/4	9.42	3225	813	944	1595	402	467	Fan 350	310	11.8
KCE444HAG	3/8	12.05	4275	1077	1252	2187	551	640	Fan 350	310	11.8
KCN463HAG	1/2	15.33	6300	1588	1845	3443	868	1008	Fan 350	380	11.5
KCJ467HAG	1/2	18.27	6700	1688	1964	3120	786	914	Fan 350	890	21.0
KCJ498HAG	3/4+	25.91	9250	2330	2710	4633	1167	1358	Fan 350	890	21.5
R134a, 60Hz, 115V											
KCE444HAG	1/3	12.05	4200	1058	1231	2175	548	637	Fan 350 FM	310	11.8

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KCE444HAG , 3/8 Hp , 230V, 50Hz, 1Phase ,High / Medium temperature (HBP / CBP), R-134a

DAEWOO Compressor , HSL25YE-5, 1/4HP, 1PH, R134a ,220-240V 50Hz, Puissance frigorifique, 204 W ,690 BTU

Category: Technologie, Tester ok
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DAEWOO Compressor , HSL25YE-5, 1/5HP , 1PH, R134a ,220-240V 50Hz, Puissance frigorifique 176 W

Tropical Compressor ,TLS5FT 102G4524 , SECOP , R134a , 1/6 HP , 134 W , LBP , 220/ 240 V 50Hz

Category: Technologie,Tester ok
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PictureS Mbsm Dot Pro : www.mbsm.pro

Tropical Compressor ,TLS5FT 102G4524 , SECOP , R134a , 1/6 HP , 134 W , LBP , 220/ 240 V 50Hz

Compressor Bpm111z , r134a 1/6hp ,5.6cc, 240v 50hz ,ASPERA, EMBRACO

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Compressor Bpm111z , r134a 1/6hp ,5.6cc, 240v 50hz ,ASPERA, EMBRACO

WHIRLPOOL , COMPRESSEUR R600 ,1/8 HP
, HKK80AA, LBP Compressor, Top
Efficiency , 220-240V 50Hz

Category: Technologie,Tester ok
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WHIRLPOOL , COMPRESSEUR R600 ,1/8 HP , HKK80AA

R600a • 220-240 V • 50 Hz • KAPPA

Compressor	Code number	Application	CECOMAF Capacity [W] T _c =55°C, T _{liq} =55°C, T _{suc} =32°C Evaporating temperature [°C]						CECOMAF						ASHRAE Capacity [W] T _c =54.4°C, T _{liq} =32.2°C, T _{suc} =32.2°C Evaporating temperature [°C]					
									LBP rating point -25°C / 55°C		MBP rating point -10°C / 55°C		HBP rating point 5°C / 55°C							
			-35	-15	-5	0	10	15	Cooling capacity	COP	Cooling capacity	COP	Cooling capacity	COP	-35	-15	-5	0	10	15
									[W]	[W/W]	[W]	[W/W]	[W]	[W/W]						
HMK80AA	15950000	LBP	55	170				102	1.18	211	1.68			67	207					
HMK95AA	15460700	LBP	67	207				125	1.20	257	1.72			81	253					
HMK12AA	16236200	LBP	82	239				149	1.21	292	1.66			100	291					
HTK55AA	16122700	LBP	32	119				69	1.20	150	1.79			39	146					
HTK70AA	16106100	LBP	44	150				87	1.26	185	1.85			54	182					
HTK80AA	16068300	LBP	55	170				102	1.26	212	1.83			67	207					
HTK95AA	16068200	LBP	71	207				126	1.29	258	1.82			86	252					
HTK12AA	16111600	LBP	82	239				149	1.29	292	1.77			100	291					
HKK55AA	16124400	LBP	32	120				69	1.37	150	2.00			39	146					
HKK70AA	16124500	LBP	44	148				87	1.40	186	1.98			54	181					
HKK80AA	16072100	LBP	55	170				102	1.40	212	1.99			67	207					
HKK95AA	16049700	LBP	69	207				126	1.42	256	1.95			84	252					
HKK12AA	16065900	LBP	82	239				149	1.42	292	1.93			100	291					
HXK55AA	15650400	LBP	36	122				72	1.45	152	2.00			44	149					
HXK70AA	15690400	LBP	47	149				88	1.47	186	2.02			57	181					
HXK80AA	15621800	LBP	58	173				105	1.50	214	2.05			71	210					
HXK95AA	15592900	LBP	73	209				129	1.51	258	2.05			89	255					
HXK12AA	15593100	LBP	83	245				152	1.50	300	2.04			101	299					
HZK95AA	16313100	LBP	73	208				128	1.58	257	2.15			89	254					

PictureS Mbsm Dot Pro : www.mbsm.pro

mbsm.pro , Compresseur Aspera , Embraco ,NEK2168GK , R404a/R507 , LBP ,3/4 HP,nominal output: 707 W

Category: Technologie,Tester ok
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PictureS Mbsm Dot Pro : www.mbsm.pro

EMBRACO is a company specialized in cooling solutions and world leader in the hermetic compressor market. Our mission: provide innovative solutions for a better quality of life, always attentive to technological excellence and sustainability. Technological leadership, operational excellence and sustainability are some of the pillars which ensure the EMBRACO differential over other companies in the world market. Its products are now considered the favorite leading home appliance manufacturers by major automakers and are spotlighted by manufacturers of commercial refrigeration equipment. With global operations and production capacity exceeding 34 million units a year, the company offers solutions that are differentiated for their innovation and low energy consumption. Its 11.500 employees work in factories and offices located in Brazil (headquarters), China, Italy, Slovakia, Mexico, the United States and Russia. Energy efficiency is constantly sought in the processes, products and relationships with the communities where it operates. Our company is the absolute leader in this segment, being able to offer products that meet the most restrictive international standards regarding energy consumption.

As a worldwide leader, EMBRACO tries to anticipate market changes, and in doing so, our company is in a state of permanent transformation. We continuously assess our processes in order to maintain our leadership within the industry and promote growth, without forgetting the pillars of our organization.

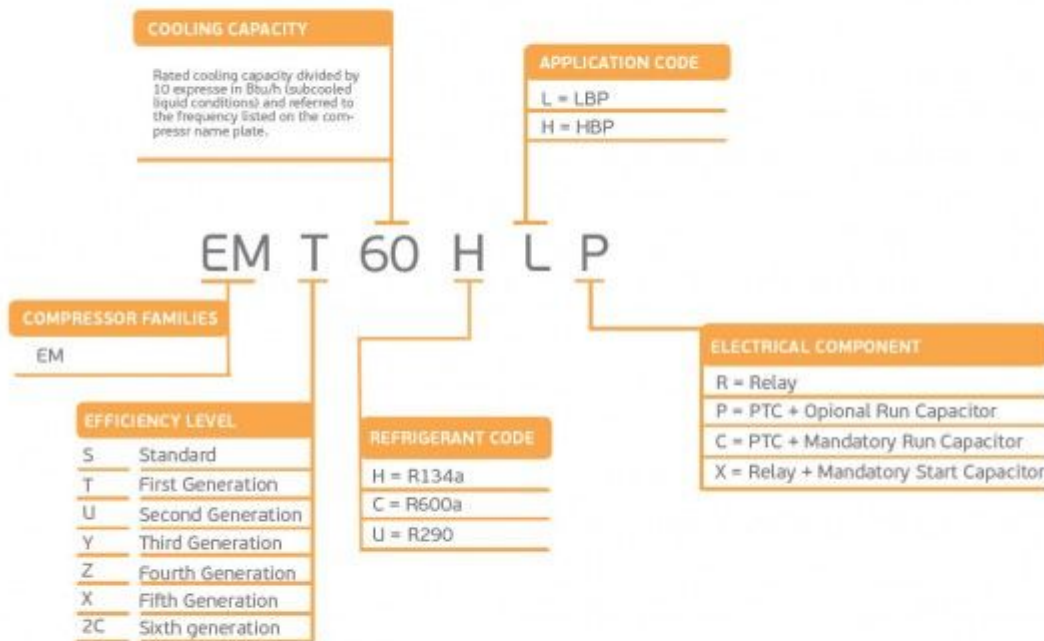
Compressor ASPERA NEK2168GK | NEK 2168 GK

Refrigerant	R404/R507
Working range[stC] LBP	-40 to -10
Nominal capacity [W] (evaporating temperature -23,3C, Condensing temperatur +54,4C)	688
Power supply	220-240V 50Hz
Engine type	CSIR
Displacement [cm ³]	14,28
Weight [kg]	11,6
Evaporating temperature +55 C	

Evaporating Temperature	Cooling Capacity +/-5%	Power Consumption +/-5%	Current Consumption +/-5%	Gas Flow Rate +/-5%	Efficiency +/-7%			
°C	(kcal/h)	(W)	(Btu/h)	(W)	(A)	(kg/h)	(kcal/Wh)	(W/W)
-40	226	263	897	370	3,46	6,01	0,61	0,71
-35	309	359	1.224	435	3,57	8,22	0,71	0,82
-30	413	481	1.640	506	3,73	11,06	0,82	0,95
-25	541	629	2.146	584	3,95	14,52	0,93	1,08
-20	691	803	2.740	668	4,21	18,64	1,03	1,20
-15	863	1.004	3.424	759	4,53	23,43	1,14	1,32
-10	1.058	1.230	4.197	856	4,90	28,92	1,24	1,44

Refrigerant: R404A, R507

		R404A / R507							
		LBP	VOLT. FREQ.	COOL. CAP. [W]	DISPL. [cc]	MBP	VOLT. FREQ.	COOL. CAP. [W]	DISPL. [cc]
NE NEK	NEK2117GK	A	125	4,51	NEK6144GK	A	550	4,51	
	NEK2121GK	A	151	5,44	NEK6165GK	A	743	6,20	
	NEK2125GK	A	182	6,20	NEK6181GK	A	841	7,28	
	NEK2130GK	A	213	7,37	NEK6210GK	A / N	1.005	8,77	
	NEK2134GK	A / N	248	8,77	NEK6213GK	A	1.337	12,11	
	NEK2150GK	A	329	12,11	NEK6217GK	A / N	1.164	14,28	
	NEK2168GK	A	378	14,28					
	NEK2172GK	C	819	16,80					



embraco **NEK**



R404A **LBP**

PictureS Mbsm Dot Pro : www.mbsm.pro



Picture5 Mbsm Dot Pro : www.mbsm.pro

mbsm.pro , Compresseur Aspera , Embraco NEK2168GK , R404A , LBP ,3/4 HP
Compresseur hermetique de Aspera – Embraco NEK2168GK – R404A
3/4 HP
220-240V 50 Hz
Cylindrée = 14.3 CM3
APPLICATIONS = LBP
Moteur type: CSR