

# COMPRESSOR, DONPER, NE6213CK, 1/2hp, R404a

written by Lilianne | 28 March 2021

Ne6213Ck Compressor R404A Med Temp 12 Disp 1080W @ -5 1/2Hp  
240V 50Hz





 **NE6213CK**  
220-240V-50Hz 1PH  
THERMALLY PROTECTED  
RoHS CE ACC0083  
Mfg. @ www.danfoss.com  
0126741729511801180

R404A

# NE6213CK COMPRESSOR R404A MED TEMP 12 DISP 1080W @ -5 1/2HP 240V 50HZ

Displacement: 12 cm<sup>3</sup>

Power: 1/2 HP

Oil Charge: 450 +/- 10 mL

Cooling capacity: 1080W @-5 SST

COP: ASHRAE 1.80

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Testing condition:

Test conditions	H.B.P	
	ASHRAE	CECOMAF
Evaporating Temp.	+7.2°C	+5°C
Ambient Temp.	+35.0°C	+32°C
Condensing Temp.	+54.4°C	+55°C
Suction Temp.	+35.0°C	+32°C
Subcooling Temp.	+46.1°C	+55°C

### 3. Running Condition

Ambient temp.	0~43°C
Evaporating temp.	-15~10°C
Voltage range	187~264V
Max. condensing temp.	65°C
Max. winding temp.	130°C
Max. shell temp.	95°C
Max. discharge temp.	120°C
Start voltage	187V [5/5bar(abs)]
Shell min. resistance to pressure	35bar

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## 1. Compressor Type

Compressor model	NE6213CK
Rated voltage/frequency	220-240V~50Hz
Refrigerant	R404A
Application	High back pressure (H. B. P)
Cooling method	Fan Cooling
Start torque	High starting torque (HST)
Control device	Capillary tube
Motor type	CSIR

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# Tecumseh, Compressor, 5/8HP, HMBP – R404A , R448A , R449A, MBP, CAJ9480Z, 230V

written by Lilianne | 28 March 2021

## Caractéristiques techniques

- Marque : TECUMSEH UNITÉ HERMÉTIQUE
- Modèle : CAJ9480Z-R
- CYLINDRÉE (CM<sup>3</sup>) 15,2
- FLUIDER404A , R448A , R449A
- APPLICATIONHMBP
- PLAGÉ D'APPLICATION-25/+15
- PUISSANCE (W)1159
- PUISSANCE FRIGORIFIQUE (TK+40°C) 15/3350 5/2355 -10/1294 -25/609
- TENSION (V)240/1/50

- DÉMARRAGECSR
- I.MAX (A)6,7
- Ø ASPIRATION1/2
- Ø REFOULEMENT5/16
- DIMENSIONS (MM)235x178x280
  
- Gaz: **R-404a**
- Température/Pression: **Haute Pression**
- Puissance: **5/8 HP**
- Voltage: **230 V**
- Type De Courant: **Monophasé**
- Fréquence: **50 Hz**
- Type De Compresseur: **Hermétique**
- Décalage: **15.2 cm<sup>3</sup>**
- Cons.Énergie -25°C: **496 W**
- Cons.Énergie -10°C: **669 W**
- Cons.Énergie -5°C: **718 W**
- Cons.Énergie 0°C: **762 W**
- Cons.Énergie +5°C: **798 W**
- Cons.Énergie +10°C: **828 W**
- T° De Condensation: **40 °C**
- Capacité Frigorifique -25°C: **524 Kcal/h**
- Capacité Frigorifique -20°C: **692 Kcal/h**
- Capacité Frigorifique -15°C: **887 Kcal/h**
- Capacité Frigorifique -10°C: **1113 Kcal/h**
- Capacité Frigorifique -5°C: **1374 Kcal/h**
- Capacité Frigorifique 0°C: **1677 Kcal/h**
- Capacité Frigorifique 5°C: **2025 Kcal/h**
- Capacité Frigorifique 10°C: **2425 Kcal/h**
- Tipo Test: **EN.12900**

Compresseur L'unité Hermetique – Tecumseh CAJ9480Z – R404A, R449A, R407A, R452A

220 – 240V 1~ 50 Hz

Cylindrée = 15.2 CM3

APPLICATIONS = HBP / MHBP

Moteur type: CSR



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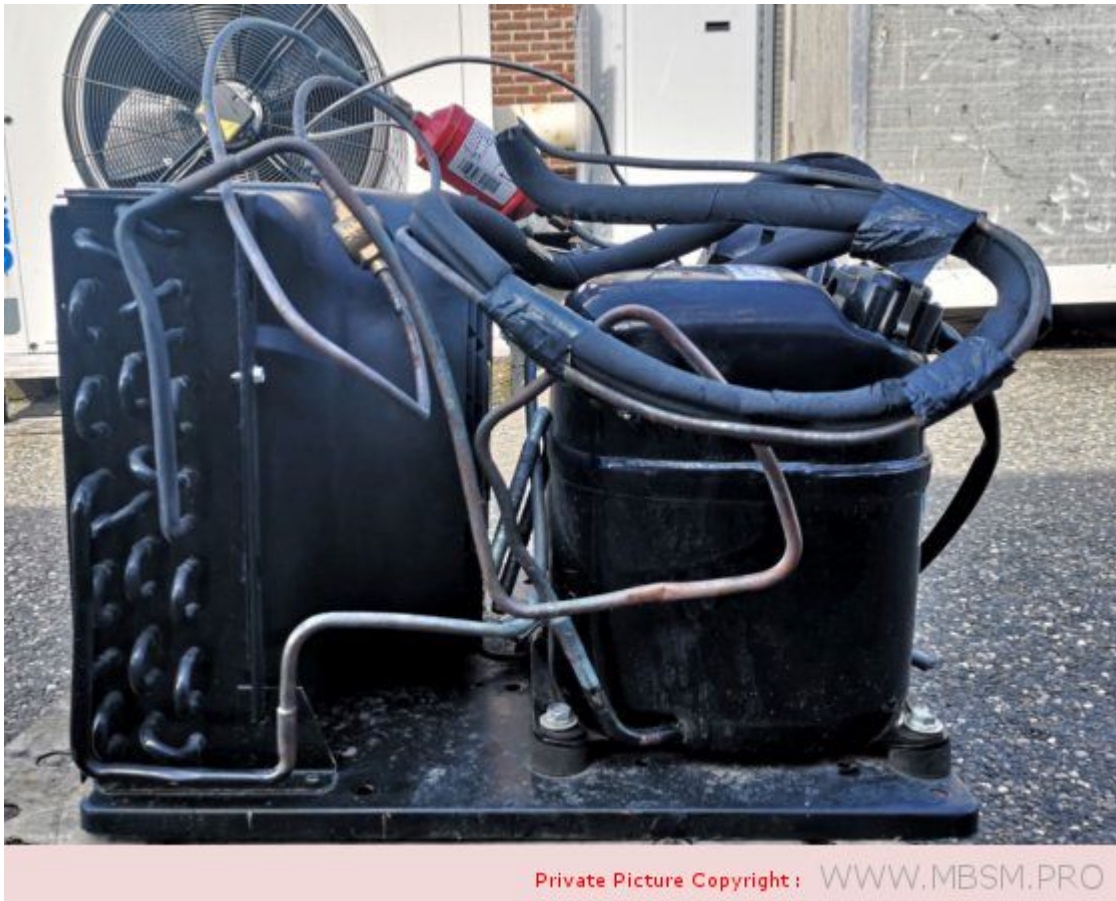
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Compresseur AJ = Le produit de référence associant silence, fiabilité et efficacité du froid commercial.

Product Code	Model Number	Compressor Horsepower	Compressor Displacement	Cooling	Oil Charge
	CAJ9480Z-FZ	5/8 HP	15.2 cm <sup>3</sup> /rev	Fan	475 ml
	CAJ9510Z-FZ	1 HP	18.3 cm <sup>3</sup> /rev	Fan	475 ml
	CAJ9513Z-FZ	1 1/8 HP	24.2 cm <sup>3</sup> /rev	Fan	475 ml
	CAJ4517Z-FZ	1.25 HP	25.95 cm <sup>3</sup> /rev	Fan	475 ml
	TAJ4517Z-TZ	1.25 HP	25.95 cm <sup>3</sup> /rev	Fan	475 ml
	CAJ4519Z-FZ	1.5 HP	34.45 cm <sup>3</sup> /rev	Fan	475 ml



Product Code	Model Number	Compressor Horsepower	Compressor Displacement	Cooling	Oil Charge
	TAJ4519Z-TZ	1.5 HP	34.45 cm <sup>3</sup> /rev	Fan	475 ml

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# Compresseur, MPT18LA, R-404A / R-507, Cubigel Compressors, 1/2 HP, LBP, CSR

written by Lilianne | 28 March 2021

Le compresseur à piston hermétique à basse température Cubigel MPT18LA est utilisé dans les équipements de réfrigération avec des températures de fonctionnement d'évaporation inférieures à -20 °C:

1. Réfrigérateurs
2. Congélateurs
3. Réfrigérées vitrines
4. Chambres frigorifiques pour produits surgelés.

## Caractéristiques du compresseur Cubigel MPT18LA:

- Travailler sur le fréon R404a / R507a
- Application de LBP (Low Back Pressure)
- Volume du cylindre 18 cm<sup>3</sup>
- Capacité d'huile 450 cm<sup>3</sup>
- Type d'huile ISO VG 32 ESTER
- Courant de démarrage 19 A
- Poids 12,5 kg

# **Caractéristiques du moteur du compresseur Cubigel MPT18LA:**

- Type de moteur CSR
- Puissance 1/2 CV
- Tension 200-220V 50Hz
- Tension admissible 170-242 V



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# Danfoss, Reciprocating, compressors, MT / MTZ / NTZ, MT64HM4DVE, R22, 5HP / hp, 3,9KW, 15A

written by Lilianne | 28 March 2021

**MT64HM4DVE Compresseur Danfoss Meyo Paramètres détaillés:**

Nombre nominal de chevaux: 5HP / hp

Puissance nominale: 3,9KW

Courant de démarrage à rotor bloqué: 67A

Courant de travail: 15A

Cylindrée: 107,71 cm<sup>3</sup> / tr

interface fileté d'aspiration: 1 "3/4

rangée Interface de filetage d'air: 1 "3/4

taille du tuyau d'aspiration: 7/8"

taille du tuyau d'échappement: 3/4 "

vitesse: 2900 tr / min

Poids net: 37 kg

## Detailed Product Description

<b>MT Series Refrigerant:</b>	R22	<b>Type:</b>	Hermetic Reciprocating Compressor
<b>Phase:</b>	1PH,3PH	<b>Applcation Temp::</b>	Middle High Temperature
<b>Horse Power:</b>	1.5HP To 13.3HP	<b>Frenquency:</b>	50HZ 60HZ

<b>Voltage:</b>	380-400 -460V	<b>Colour:</b>	Blue
<b>Usage:</b>	For Commercial Refrigeration And Air Conditioning		

**R22 Danfoss Maneurop Hermetic compressor MT64HM3DVE France  
Maneurop Piston Reciprocating compressor**

Danfoss Maneurop NTZ series compressors are hermetic reciprocating type and designed for low evaporating temperature applications. Refrigerant: R404A/R507A

Model: NTZ048/NTZ068/NTZ096/NTZ108/NTZ136/NTZ215/NTZ...

Danfoss Maneurop MT/MTZ series compressors are hermetic reciprocating type and designed for Medium and High evaporating temperature applications. Refrigerant R22, R407C, R134A, R404A

380-400V/3~/50Hz and 460V/3~/60Hz

Models: MT/MTZ018 MT/MTZ022 MT/MTZ028... MT/MTZ320

Danfoss Maneurop MPZ series compressors are hermetic reciprocating type and designed for Medium and High evaporating temperature applications. Refrigerant: R404A/R507A

Models: MPZ2038/MPZ2048/MPZ2054/MPZ2061/MPZ2068

## **Danfoss Maneurop Commercial Hermetic Scroll Compressor MT64HM4DVE**

### **Specification:**

Maneurop MT/MTZ series compressors are of the hermetic reciprocating type and are designed for Medium and high evaporating temperature applications.

There are 26 different models with displacement ranging from 30-543cm<sup>3</sup>/rev.

Our Maneurop compressors are for 50Hz, motor code is 4, can be used for R22/R407C/R134a/R404A/R507

1. Piston /reciprocating type compressors.
2. Voltage is 50Hz
3. The refrigerant are R22/R407C/R134a/R404A/R507
4. There are MT/MTZ series
5. Original from France.
- 6.Capacity: 1.5HP~13HP, High efficiency, Low noise

1.MT series for R134a

2. MTZ series for R407c/134a

1.50 Hz

2. Imported form France.

3.R22 Rated condition:50Hz/400V

superheat:11.1K

subcooling 8.3K condensing temp:54.4°C

4.R407C Rated condition :50Hz 400V

superheat:11.1K

subcooling 8.3K condensing temp:54.4°C

evaporating temp.7.2°C

refrigeration and power input±5%

We can supply more Danfoss compressor models as below:

MODEL (R22)	MODEL (R404A)	NTZ series
MT18-4VM	MTZ18-4VM	NTZ048A4LR1A
MT22-4VM	MTZ22-4VM	NTZ068A4LR1A
MT28-4VM	MTZ28-4VM	NTZ096A4LR1A
MT32-4VM	MTZ32-4VM	NTZ108A4LR1A
MT36-4VM	MTZ36-4VM	NTZ136A4LR1A
MT40-4VM	MTZ40-4VM	NTZ215A4LR1A
MT44-4VM	MTZ44-4VM	NTZ271A4LR1A
MT50-4VM	MTZ50-4VM	
MT56-4VM	MTZ56-4VM	
MT64-4VM	MTZ64-4VM	
MT72-4VM	MTZ72-4VM	
MT80-4VM	MTZ80-4VM	
MT100-4VM	MTZ100-4VM	
MT125-4VM	MTZ125-4VM	
MT144-4VM	MTZ144-4VM	
MT160-4VM	MTZ160-4VM	

Model NO.	Nom HP	Displ. Cc/rev	Capacity R404a(w)	
			-10	-5
MTZ18-4VI	1.5	30.2	1580	2110
MTZ18-5VI	1.5	30.2	1580	2110
MTZ22-4VI	1.8	38.12	2270	2920
MTZ22-5VI	1.8	38.12	2270	2920
MTZ28-4VI	2.3	48.06	2880	3720
MTZ28-5VI	2.3	48.06	2880	3720
MTZ32-4VI	2.7	53.86	3230	4220
MTZ32-5VI	2.7	53.86	3230	4220
MTZ36-4VI	3	60.47	3800	4870
MTZ36-5VI	3	60.47	3800	4870
MTZ40-4VI	3.3	67.89	4280	5490
MTZ45-4VI	3.8	76.22	4420	5840
MTZ51-4VI	4.2	85.64	5290	6920
MTZ57-4VI	4.8	96.13	6060	7880
MTZ65-4VI	5.4	107.71	7080	9130
MTZ73-4VI	6.1	120.94	7960	10230
MTZ81-4VI	6.8	135.78	9160	11720
MTZ100-4VI	8.3	171.26	10390	13500
MTZ125-4VI	10.4	215.44	13650	17500
MTZ144-4VI	12	241.87	15740	20120
MTZ160-4VI	13.3	271.55	17690	22520

Compresseur à piston Danfoss Maneurop MT22JC5PVE (2.0HP / 1PH)



Compresseur à piston Danfoss Maneurop MT22JC4AVE (2.0HP / 3PH)  
Compresseur à piston Danfoss Maneurop MT28JC5PVE (2.3HP / 1PH)  
Compresseur à piston Danfoss Maneurop MT22JC4AVE (2.0HP / 3PH)  
Compresseur à piston Danfoss Maneurop MT28JC5PVE (2.3HP / 1PH)  
Compresseur à piston Danfoss Maneurop 3PH (2.3HP / 1PH) 2.6HP / 1PH)  
Compresseur à piston Danfoss Maneurop MT32JF4DVE (2.6HP / 3PH);  
Compresseur à piston Danfoss Maneurop MT36JG5CVE (3.0HP / 1PH)  
Compresseur à piston Danfoss Maneurop MT36JG4FVE (3.0HP / 3PH)  
Compresseur à piston Danfoss Maneurop MT40JH4EVE (3.3HP / 3PH)  
Danfoss Maneurop Compresseur à piston MT36JG4FVE (3.0HP / 3PH)  
Compresseur à piston Danfoss Maneurop MT40JH4EVE (3.3HP / 3PH)  
Danfoss Maneurop Compresseur à piston MT36JG4FVE (3.0HP / 3PH)  
Compresseur à piston Danfoss Maneurop MT40JH4EVE (3.3HP / 3PH)  
Compresseur à piston Danfoss Maneurop 3KFHB4 (3.6PH) 4.0HP / 3PH)  
Compresseur à piston Danfoss Maneurop MT56HL4BVE (4. 6HP / 3PH)  
Compresseur à piston Danfoss Maneurop MT64HM4DVE (5.3HP / 3PH)  
Compresseur à piston Danfoss Maneurop MT72HN4AVE (6.0HP / 3PH)  
Compresseur à piston Danfoss Maneurop MT80HP4AVE (6.6HP / 3PH)  
Compresseur à piston Danfoss Maneurop MT72HN4AVE (6.0HP / 3PH)  
Compresseur à piston Danfoss Maneurop MT80HP4AVE (6.6HP / 3PH)  
Compresseur à piston Danfoss Maneurop4.0 Compresseur à piston MT144HV4AVE (12,0HP / 3PH)  
Compresseur à piston Danfoss Maneurop MT160HW4EVE (13.3HP / 3PH)  
Compresseur à piston Danfoss Maneurop MTZ22JC5VE (2.0HP / 1PH); [R134A, R404]  
Compresseur à piston Danfoss Maneurop MTZ22JC4AVE (2.0HP / 3PH); [R134A, R404]  
Compresseur à piston Danfoss Maneurop MTZ28JE5AVE (2,3 HP / 1PH); [R134A, R404]  
Compresseur à piston Danfoss Maneurop MTZ28JE4AVE (2,3 HP / 3PH); [R134A, R404]  
Compresseur à piston Danfoss Maneurop MTZ32JF5AVE (2,6 CV / 1PH); [R134A, R404]  
Compresseur à piston Danfoss Maneurop MTZ32JF4BVE (2.6HP / 3PH); [R134A, R404]  
Compresseur à piston Danfoss Maneurop MTZ36JG5AVE (3.0HP / 1PH); [R134A, R404]  
Compresseur à piston Danfoss Maneurop MTZ36JG4BVE (3.0HP / 3PH); [R134A, R404]  
Compresseur à piston Danfoss Maneurop MTZ40JH4AVE (3,3 CV / 3PH); [R134A, R404]  
Compresseur à piston Danfoss Maneurop MTZ50HK4CVE (4,0 CV / 3PH); [R134A, R404]  
Compresseur à piston Danfoss Maneurop

MTZ56HL4BVE (4,6 CV / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ64HM4CVE (5,3 HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ72HN4AVE (6,0 CV / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ80HP4AVE (6,6 CV / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ100HS4VE (8,3 CV / 3 PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ125HU4VE (10.0HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ144HV4AVE (12,0 HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ160HE4AVE (13,3 HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop NTZ048A4LR1A (2.0HP / 3PH); [R134A, R404, R507] Compresseur à piston Danfoss Maneurop NTZ068A4LR1A (3,5 CV / 3PH); [R134A, R404, R507] Compresseur à piston Danfoss Maneurop NTZ096A4LR1A (4,5 CV / 3PH); [R134A, R404, R507] Compresseur à piston Danfoss Maneurop NTZ108A4LR1A (5,0 CV / 3PH); [R134A, R404, R507] Compresseur à piston Danfoss Maneurop NTZ136A4LR1A (6,5 CV / 3PH); [R134A, R404, R507] Compresseur à piston Danfoss Maneurop NTZ215A4LR1A (10,0 HP / 3PH); [R134A, R404, R507] Compresseur à piston Danfoss Maneurop NTZ271A4LR1A (13.0HP / 3PH); [R134A, R404, R507] COMPRESSEUR MANEUROP 2.0HP MT22 MANEUROPE 2.0HP MT22 COMPRESSEUR MANEUROP COMPRESSEUR MTZ-22JE-4VE R404A MANEUROPE 2.30HP MT28JE-5PVE MT28-5VI / MT28-5VM COMPRESSEUR MANEUROP 2.30HP MT28JE-5PVE MT28-5VI / MT28-5VM COMPRESSEUR MANEUROPEUR 2.30H5 / R404A) COMPRESSEUR MANEUROP 2.8HP MTZ32-5VM (R134a / R404A / R507) COMPRESSEUR MANEUROP MT32JF5MVE 2-3 / 4HP ((R22) COMPRESSEUR MANEUROP 3.0HP MT36JG4FVE (MT36-4VI / MT36-4VM) (R22) COMPRESSEUR 3.0HP COMPRESSEUR MT36 MANEUROP 3.3HP MT40JH4EVE COMPRESSEUR MANEUROP 3.3HP MTZ40-JH4AVE COMPRESSEUR (R407A / C / F / R134A / R404A / R507) Compresseur MANEUROP MTZ-36-JG4AVE (R407C / R134a / R404A-R407C / R134a / R404A) -Compresseur JH4AVE (R134a / R404A) – Compresseur 3.3HP 3PH MANEUROP MTZ-44-HJ4AVE (R134a / R404A) – 3. 5HP 3PH MANEUROP 4HP MTZ-50HK-4CVE (MTZ50-4VI / MTZ50-4VM) COMPRESSEUR (R134A / R404A) MANEUROP MTZ56HL3BVE R407c, R134a, R507a, R404a compresseur MANEUROP MT-64-4VM COMPRESSEUR MANEUR 64-4VM COMPRESSEUR MANEUR

COMPRESSEUR MT72-4VM COMPRESSEUR MANEUROP MT-80-4VM (6.5HP)  
 Compresseur MANEUROP 6.6HP MT81HP4AVE COMPRESSEUR MANEUROP  
 MTZ80HM4DVE COMPRESSEUR MANEUROP 8.5HP MT100-4VM COMPRESSEUR  
 MANEUROPE 10HP MT100-4VM (MT100HS4DVE) COMPRESSEUR 10HP  
 MT100-4VM (MT100HS4DVE) COMPRESSEUR MT12M10 MANHOP 4-  
 COMPRESSEUR 10HP R22) COMPRESSEUR MANEUROP 10HP MTZ125HW4AVE  
 (R404A / R134A / R507 / R407C) COMPRESSEUR MANEUROPE 12HP  
 MT144-4VM COMPRESSEUR MANEUROPE 13.3HP MT160-4VM (MT160HW4DVE)  
 COMPRESSEUR MANZVMER 10 COMPRESSEUR MANZVM4 (MT160HW4DVE) / 2  
 ' ) SER. KIT POUR MT-28 MANEUROP 7703009 (1-1 / 8 ' & 3/4 ' ) SER.

## Product details

<b>Gross weight</b>	41.5 kg
<b>Net weight</b>	39 kg
<b>EAN</b>	5702428661973

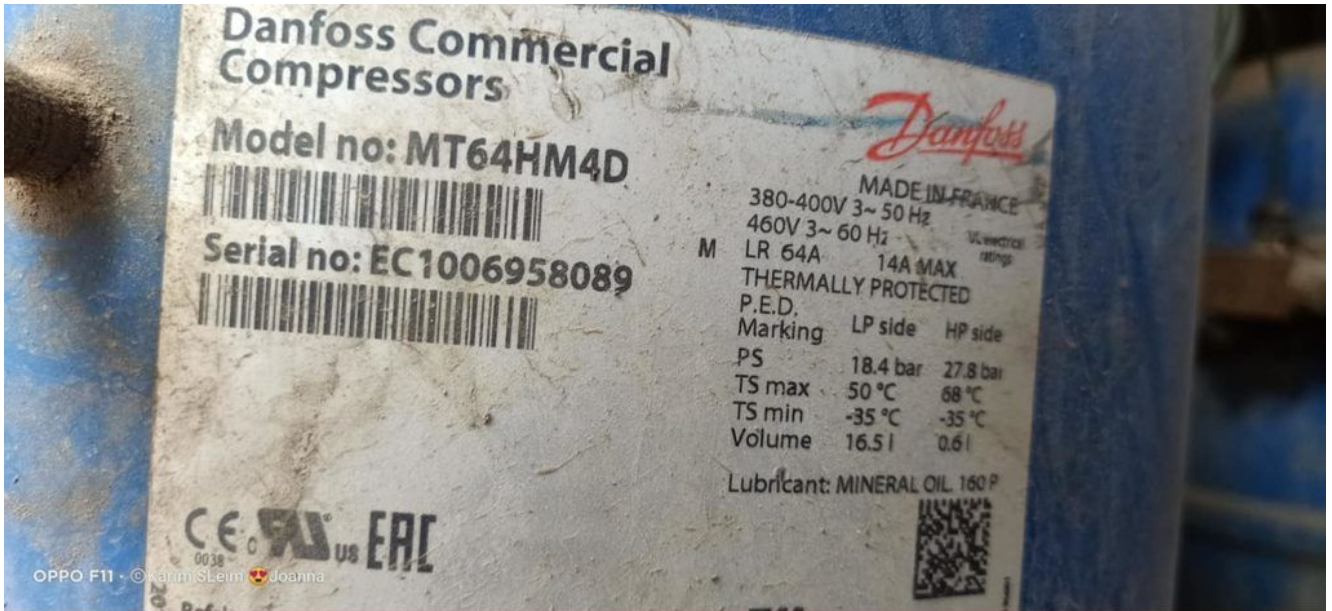
<b>Approval standard</b>	CCC CE UL
<b>Brand technique</b>	Reciprocating compressor
<b>Capacity control</b>	Fixed speed
<b>Colour</b>	Blue
<b>Compressor power supply [V/Ph/Hz]</b>	400/3/50 460/3/60
<b>Configuration code</b>	Single

<b>Connection type</b>	Rotolock
<b>Cylinder</b>	2
<b>Description</b>	MT064-4
<b>Diameter [mm]</b>	288 mm
<b>Discharge connection height [mm]</b>	74 mm
<b>Discharge connection mounting torque [Nm]</b>	90 Nm
<b>Discharge connection pipe size [in]</b>	3/4 in
<b>Discharge connection rotolock size [in]</b>	1 1/4 in
<b>Discharge connection size [in]</b>	1 1/4 in
<b>Discharge connection sleeve pipe size [in]</b>	3/4 in
<b>Drawing number</b>	8502012g
<b>Economizer</b>	No
<b>Factory HP [bar]</b>	25 bar
<b>Factory LP [bar]</b>	25 bar
<b>Fitting remark</b>	(shipped with rotolock version only)
<b>Fitting sleeve</b>	ODF
<b>Fitting standard</b>	Rotolock
<b>Frequency [Hz]</b>	50/60
<b>Gauge port HP</b>	None
<b>Gauge port LP</b>	Schrader
<b>Generation code</b>	E
<b>Glass mounting</b>	Threaded
<b>Glass torque [Nm]</b>	50 Nm
<b>GP LP torque [Nm]</b>	15 Nm
<b>High side max pressure (Ps)</b>	27.8 bar
<b>High Side TS Max</b>	150 °C

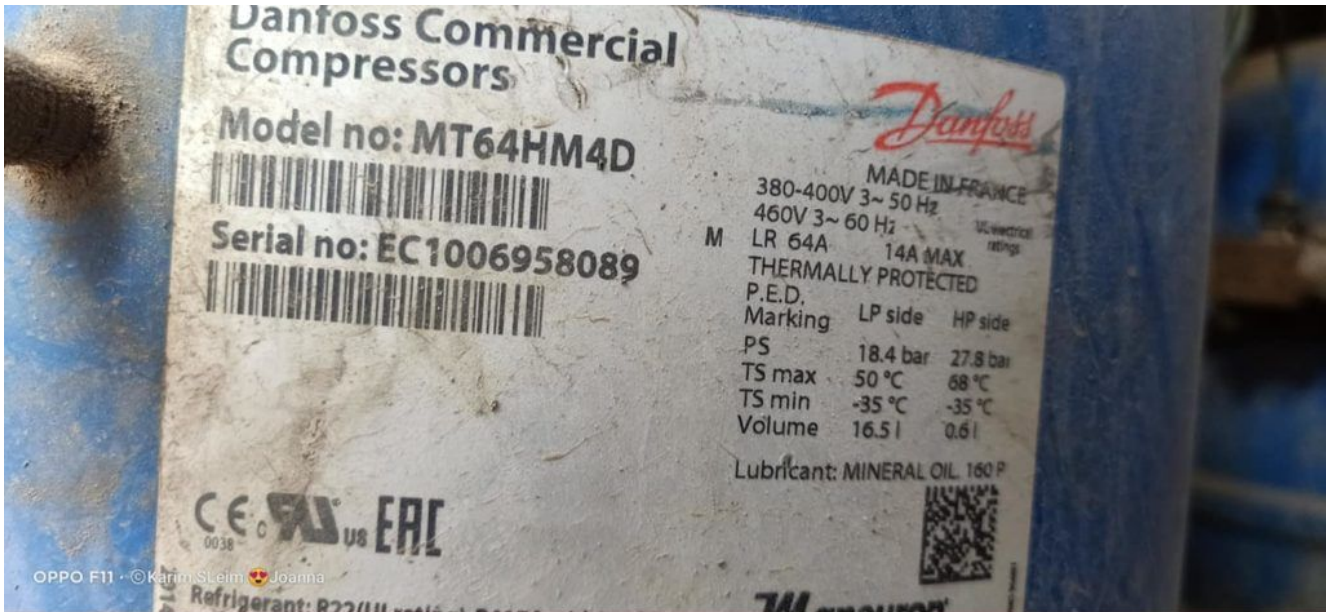
<b>High Side TS Min</b>	-35 °C
<b>High Side Volume</b>	0.6 L
<b>High value of nominal voltage at 50Hz [V]</b>	400 V
<b>High value of nominal voltage at 60Hz [V]</b>	460 V
<b>High value of voltage range at 50Hz [V]</b>	460 V
<b>High value of voltage range at 60Hz [V]</b>	506 V
<b>IP protection class</b>	IP55 (with cable gland)
<b>Low side max pressure (Ps)</b>	18.4 bar
<b>Low Side TS Max</b>	50 °C
<b>Low Side TS Min</b>	-35 °C
<b>Low Side Volume</b>	16.5 L
<b>Low value of nominal voltage at 50Hz [V]</b>	380 V
<b>Low value of nominal voltage at 60Hz [V]</b>	460 V
<b>Low value of voltage range at 50Hz [V]</b>	340 V
<b>Low value of voltage range at 60Hz [V]</b>	414 V
<b>LRA</b>	64 A
<b>MCC</b>	14 A
<b>Model number</b>	MT64HM4DVE
<b>Motor protection</b>	Internal overload protector
<b>Mounting torque [Nm]</b>	15 Nm
<b>Nominal cooling capacity 60 kBTU/h</b>	64.51 kBtu/h
<b>Nominal cooling capacity at 50Hz</b>	14.4 kW
<b>Nominal cooling capacity at 60Hz</b>	18.9 kW

<b>Number of starts per hour [Max]</b>	12
<b>Oil charge [L]</b>	1.8 L
<b>Oil equalization</b>	3/8" flare SAE
<b>Oil equalization torque [Nm]</b>	30 Nm
<b>Oil reference</b>	160P
<b>Packaging height [mm]</b>	550 mm
<b>Packaging length [mm]</b>	1150 mm
<b>Packaging weight [Kg]</b>	254 kg
<b>Packaging width [mm]</b>	800 mm
<b>Packing format</b>	Industrial pack
<b>Packing quantity</b>	6
<b>Phase</b>	3
<b>Power connections</b>	Spade
<b>Refrigerant</b>	R22
<b>Refrigerant charge [kg] [Max]</b>	5 kg
<b>Relief valve</b>	30 bar/8 bar
<b>Rotational speed at 50Hz [rpm]</b>	2900 rpm
<b>Rotational speed at 60Hz [rpm]</b>	3500 rpm
<b>Segment usage</b>	Air conditioning Refrigeration MT
<b>Shipped fittings</b>	Suction and discharge solder sleeves, rotolock nuts and gaskets
<b>Shipped instructions</b>	Installation instructions
<b>Shipped mounting</b>	Mounting kit with grommets, bolts, nuts, sleeves and washers
<b>Shipped oil</b>	Initial oil charge
<b>Suction connection height [mm]</b>	265 mm

<b>Suction connection mounting torque [Nm]</b>	110 Nm
<b>Suction connection pipe size [in]</b>	7/8 in
<b>Suction connection rotolock size [in]</b>	1 3/4 in
<b>Suction connection size [in]</b>	1 3/4 in
<b>Suction connection sleeve pipe size [in]</b>	7/8 in
<b>Swept volume [cm<sup>3</sup>]</b>	107.71 cm <sup>3</sup>
<b>Technology</b>	Reciprocating
<b>Test dif [bar] [Max]</b>	30 bar
<b>Test HP [bar] [Max]</b>	30 bar
<b>Test LP [bar] [Max]</b>	25 bar
<b>Torque earth [Nm]</b>	3 Nm
<b>Torque power [Nm]</b>	3 Nm
<b>Total height [mm]</b>	413 mm
<b>Type</b>	MT
<b>Type designation</b>	Compressor
<b>Viscosity [cP]</b>	32 cP
<b>Winding resistance for three-phase compressors with identical windings [Ohm]</b>	2.44 Ohm



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Product : Compressor  
 产地: 法国制造  
 Plant Made in France  
 客户: 丹佛斯自动控制管理(上海)有限公司  
 Customer service: Danfoss Automatic Controls Management (Shanghai) Co.Ltd  
 地址电话: 上海市宜山路900号科技大楼20层200233 / (021)61513000  
 Address/Tel: 20th Floor Block C, Hi-Tech Building  
 900 Yi Shan Road Shanghai 200233 (021)61513000  
 警告: 只有具备一定经验和安全程序  
 培训的授权人员才可以进行安装和维修。  
 Warning: The installation and maintenance  
 should be performed by the authorized  
 person only



**Danfoss Commercial Compressors**



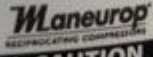
型号: MT64HM4DVE  
 序列号: EC1006983516

产地法国  
 380-400V 3~50 Hz  
 460V 3~60 Hz  
 额定电流: 6.4A 最大工作电流: 1.4A  
 过热保护  
 低压侧  
 最高允许压力 18.4 bar  
 最高允许温度 50 °C  
 最低允许温度 -35 °C

润滑油: MINERAL OIL 160 P



制冷剂: R22 或 R417A 仅和 160PZ



**WARNING**  
 Installation and servicing shall be performed by trained personnel only. Failure to observe these safety warnings could result in serious injury or death.  
 ELECTRICAL SHOCK HAZARD: Turn off power before servicing. Observe all warnings.  
 Mechanical parts rotate and severely lacerate whenever equipment is running. Use the equipment as a instructed only.  
 High pressure refrigerant and oil under pressure may become extremely hot and may cause severe burns if not properly handled.  
 For details refer to multi language instruction book and technical documentation available at Danfoss website at <http://www.danfoss.com>.

**CAUTION**  
 Use only manufacturer's approved refrigerants, lubricants and electrical components. Unauthorized refrigerants / lubricants / electrical component could cause fire, explosion, electrical shorting.  
 For details refer to multi language instruction book and technical documentation available at Danfoss website at <http://www.danfoss.com>.



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0937 217 184

MT64-4V55  
KE1008211296  
MT64HM4DVE

产品名称: 制冷压缩机  
Product: Compressor  
产地: 法国制造  
Made in France  
经销商: 丹佛斯自动控制管理(上海)有限公司  
Customer service: Danfoss Automatic Control Management (Shanghai) Co.Ltd  
地址电话: 上海市宝山顾900号科技大楼-楼20层200233/(021) 61121000  
Address Tel: 2001 Floor Block C 90 Tech Building  
900 No. Baoshan Road Shanghai 200233 (021) 61121000  
警告: 只有具备一定资质的安全技术人员才能进行安装和维修。  
Warning: The installation and maintenance should be performed by the authorized person only.

Danfoss

Compressor

Model no: MT64HM4DVE

Serial no: KE1008211296

MADE IN FRANCE  
M 380-420V 3-20Hz  
440V 3-60Hz LAX MAX  
L.R.H.A.S.  
Thermally protected  
P.L.D.  
Marking LP Side HP Side  
PS 18.40 bar 23.50 bar  
T1 Max 91.6 °C 93.7 °C  
T2 Min 24.8 °C 25.7 °C  
Volume 96.1 96.1  
Lubricant Mineral oil 180P

CE 93 ENE C200

Refrigerant R22/R134a rating: R417A with 140PZ

MasterTop

**WARNING** **CAUTION**



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[Mbsm\\_dot\\_pro\\_private\\_PDF\\_MT64HM4DVE](#)Télécharger  
[Mbsm\\_dot\\_pro\\_private\\_PDF\\_MT64HM4DVE-5](#)Télécharger

**Compressor , DANFOSS , 2123  
104L, coolant  
R404a/R507, SC18CL , 220-240V  
50Hz, LBP/MBP (csr), hermetic  
, 13,7kg , 5/8HP (Big), 781W**

written by Lilianne | 28 March 2021

Compressor , DANFOSS , 2123 104L, coolant R404a/R507, SC18CL  
220-240V 50Hz, LBP/MBP (csr), hermetic , 13,7kg , 5/8HP  
(Big), 781W

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# **Refrigerant High & Low Pressure Temperature Chart ,R22 R410A ,R12 ,R134A ,R401A ,R409A ,R502 ,R404A ,R507A ,R408A ,R402A ,R600A**

written by Lilianne | 28 March 2021

Refrigerant High & Low Pressure Temperature Chart ,R22 R410A  
,R12 ,R134A ,R401A ,R409A ,R502 ,R404A ,R507A ,R408A ,R402A  
,R600A

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# **Compresseur, d'entreposage au froid, de congélateur , Sc12g , Secop ,Certification CE ,1/3 puissance ,en chevaux ,de mini type réfrigérateur ,R134 ,Danfos**

written by Lilianne | 28 March 2021

Compresseur, d'entreposage au froid, de congélateur , Sc12g ,  
Secop ,Certification CE ,1/3 puissance ,en chevaux ,de mini

type réfrigérateur ,de R134 Danfos

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# HFC refrigerant , hydrofluorocarbons , is the third generation, of fluorinated refrigerants

written by Lilianne | 28 March 2021

HFC refrigerant (hydrofluorocarbons) is the third generation of fluorinated refrigerants. Recognized as Ozone Depleting Potential (ODP) and Global Warming Potential (GWP), they represent a greener alternative to CFC and HCFC. Refrigerants in this group are applicable to refrigeration plants and air conditioning units designed specifically for their use. In addition, they can serve as drop-in replacements for older CFCs and HCFCs.

The HFC group includes the following products:

R23

R32

R134a

R404A

R407A

R407C

R407F (PERFORMAX LT)

R410A

R417A (ISCEON M059)

R422A (ISCEON M079)

R422D (ISCEON M029)

R423A (ISCEON 39TC)

R424A (RS-44)  
R427A (Forane 427A)  
R428A (RS-52)  
R434A (RS-45)  
R437A (ISCEON M049Plus)  
R438A (ISCEON M099)  
R442A (RS-50)  
R449A (OPTeon XP40)  
R507A  
R508B (SUVA 95)  
ISCEON M089  
R1234yf

مركبات الهيدروفلوروكربون) هي الجيل الثالث من المبردات) HFC المفلورة

وإمكانية (ODP) معترف بها على أنها إمكانات استنفاد الأوزون . فهي تمثل بديلاً أكثر خضرة لمركبات ، (GWP) الاحترار العالمي الكربون الكلورية فلورية ومركبات الكربون الهيدروكلورية فلورية. تنطبق المبردات في هذه المجموعة على محطات التبريد ووحدات تكييف الهواء المصممة خصيصاً لاستخدامها. بالإضافة إلى ذلك ، يمكن أن تكون بمثابة بدائل منسدة لمركبات الكربون الكلورية فلورية ومركبات الكربون الهيدروكلورية فلورية القديمة.

:المنتجات التالية HFC تتضمن مجموعة

R23  
R32  
R134a  
R404A  
R407A  
R407C  
R407F (PERFORMAX LT)  
R410A  
R417A (ISCEON M059)  
R422A (ISCEON M079)  
R422D (ISCEON M029)  
R423A (ISCEON 39TC)  
R424A (RS-44)

R427A (Forane 427A)  
R428A (RS-52)  
R434A (RS-45)  
R437A (ISCEON M049Plus)  
R438A (ISCEON M099)  
R442A (RS-50)  
R449A (OPTEON XP40)  
R507A  
R508B (SUVA 95)  
ISCEON M089  
R1234yf

Le réfrigérant HFC (hydrofluorocarbures) est la troisième génération de réfrigérants fluorés. Reconnus comme potentiel d'appauvrissement de la couche d'ozone (ODP) et potentiel de réchauffement planétaire (GWP), ils représentent une alternative plus verte au CFC et au HCFC. Les réfrigérants de ce groupe sont applicables aux installations de réfrigération et aux unités de climatisation conçues spécifiquement pour leur utilisation. De plus, ils peuvent servir de remplacements directs pour les CFC et HCFC plus anciens.

Le groupe HFC comprend les produits suivants:

R23  
R32  
R134a  
R404A  
R407A  
R407C  
R407F (PERFORMAX LT)  
R410A  
R417A (ISCEON M059)  
R422A (ISCEON M079)  
R422D (ISCEON M029)  
R423A (ISCEON 39TC)  
R424A (RS-44)  
R427A (Forane 427A)  
R428A (RS-52)



R434A (RS-45)

R437A (ISCEON M049Plus)

R438A (ISCEON M099)

R442A (RS-50)

R449A (OPTeon XP40)

R507A

R508B (SUVA 95)

ISCEON M089

R1234yf





Picture5 Mbsm Dot Pro | www.mbsm.pro

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# Compressor Danfoss SC12CL 3/8 HP , LBP/MBP, R404A/R507

written by Lilianne | 28 March 2021

Compressor Danfoss SC12CL 3/8 HP , LBP/MBP, R404A/R507

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

written by Lilianne | 28 March 2021

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

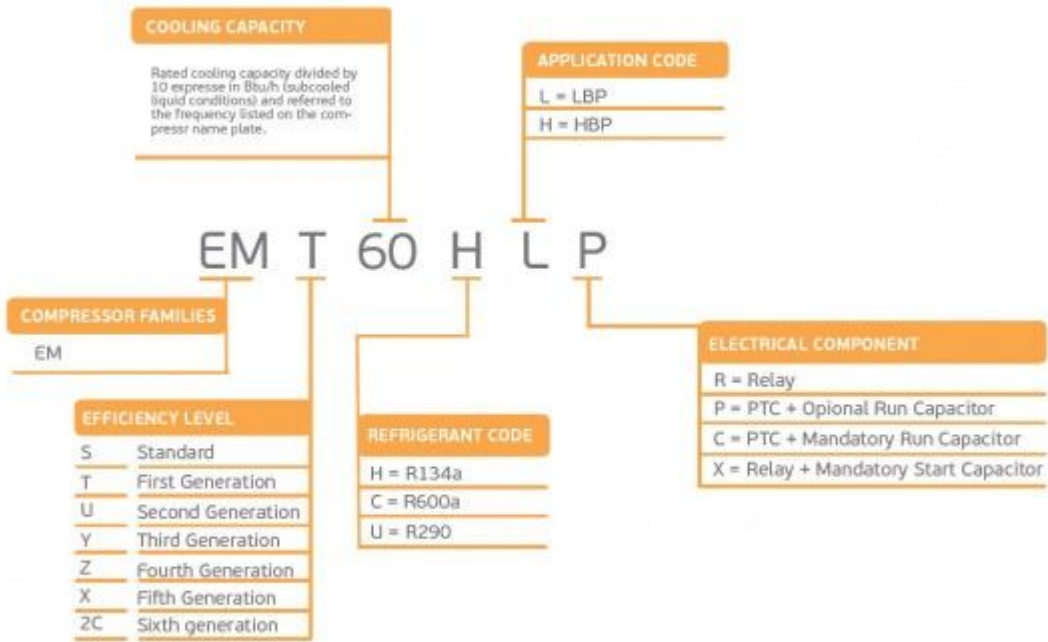
Refrigerant	R404/R507
Working range[stC] <b>LBP</b>	-40 to -10
Nominal capacity [W] (evaporating temperature -23,3C, Condensing temperatur +54,4C)	688
Power supply	220-240V 50Hz
Engine type	CSIR
Displacement [cm <sup>3</sup> ]	14,28
Weight [kg]	11,6

Evaporating temperature +55 C

Evaporating Temperature	Cooling Capacity +/-5%	Power Consumption +/-5%	Current Consumption +/-5%	Gas Flow Rate +/-5%	Efficiency +/-7%			
						(kg/h)	(kcal/Wh)	(W/W)
°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
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		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

Picture5 Mbsm Dot Pro : [www.mbsm.pro](http://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