

COMPRESSEUR, EMBRACO, ASPERA, NEK6213GK, HMBP, 1/2+ hp, 614 W

written by Lilianne | 4 January 2021

- Puissance frigorifique à -10°C 1305 W
- Puissance électrique à -10 °C 614 W
- Puissance en cheval 1/2+ CV
- Alimentation 220-240 V 50 Hz
- Gaz R404a/R507 HMBP
- Moyenne et haute pression
- Complet avec starter, condensateur, boitier et système de fixation

Codes fabricants

- ALPENINOX (anciennement NE9213GK)
- ASCASO-VF.792 (anciennement NE9213GK)
- ASPERA-NE9213GK (anciennement NE9213GK)
- ELECTROLUX-85551 (anciennement NE9213GK)
- EMBRACO-NE9213GK (anciennement NE9213GK)
- EUNASA-21075 (anciennement NE9213GK)
- EURFRIGOR-RB000447 (anciennement NE9213GK)
- ITV-302035 (anciennement NE9213GK)
- WHIRLP00L-485409918033 (anciennement NE9213GK)
- ZANUSSI-85551 (anciennement NE9213GK)
- ALPENINOX-91161
- ANGELO P0-3138720
- ASPERA-NEK6213GK
- ASPERA-NEK6213GK-CSIR
- ELECTROLUX-91161
- EMBRACO-NEK6213GK
- EMBRACO-NEK6213GK-CSIR
- EMMEPI-8C1300
- FAST RICAMBI-605.125

- GEV-605.125
- MIGEL-1RF173
- SAGI-3138720
- UGOLINI-22807-13010
- VND-605.125
- ZANUSSI-91161

Compressor ASPERA NEK6213GK | NEK 6213 GK

| | |
|--|---------------|
| Refrigerant | R404A/R507 |
| Working range[stC] MBP | -20 do +10 |
| Nominal capacity [W] (evaporating temperature +7,2C, Condensing temperatur +54,4C) | 1761 |
| Power supply | 220-240V 50Hz |
| Engine type | CSIR |
| Displacement [cm ³] | 12,11 |
| 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% | |
|-------------------------|------------------------|-------|---------|-------------------------|---------------------------|---------------------|------------------|-------|
| | (kcal/h) | (W) | (Btu/h) | (W) | (A) | (kg/h) | (kcal/Wh) | (W/W) |
| °C | (kcal/h) | (W) | (Btu/h) | (W) | (A) | (kg/h) | (kcal/Wh) | (W/W) |
| -20 | 514 | 598 | 2.040 | 569 | 3,87 | 16,07 | 0,90 | 1,05 |
| -15 | 643 | 747 | 2.551 | 642 | 4,13 | 20,19 | 1,00 | 1,16 |
| -10 | 793 | 922 | 3.148 | 717 | 4,41 | 25,09 | 1,11 | 1,29 |
| -5 | 966 | 1.124 | 3.835 | 792 | 4,70 | 30,85 | 1,22 | 1,42 |
| 0 | 1.163 | 1.352 | 4.615 | 868 | 5,02 | 37,57 | 1,34 | 1,56 |
| 5 | 1.384 | 1.610 | 5.493 | 946 | 5,36 | 45,32 | 1,46 | 1,70 |
| 10 | 1.631 | 1.896 | 6.472 | 1.025 | 5,72 | 54,18 | 1,59 | 1,85 |

Substitutes for this compressor are: Electrolux/Cubigel MP12TB , Danfoss/Secop SC10DL , L'Unite Hermetique/Tecumseh CAE9470Z

| | |
|--------------|--------------------|
| Refrigerant: | R404A , R507 |
|--------------|--------------------|

COMPRESSEUR EMBRACO NEK6213GK

220/240V 50Hz

puissance 1/2 Hp, le déplacement 12,12 cc

gaz réfrigérant R404a/R507 MHBP

LES CODES DE FABRICANT

091161 ALPENINOX

3138720 ANGELO PO

NEK6213GK ASPERA

NEK6213GK-CSIR ASPERA

091161 ELECTROLUX PROFESSIONNEL

NEK6213GK EMBRACO

NEK6213GK-CSIR EMBRACO

8C1300 EMMEPI

1RF173 MIGEL

3138720 SAGI

22807-13010 UGOLINI

091161 ZANUSSI

| | |
|---|-----------------------|
| Alimentation | 220/240 V-50 Hz-1 Ph |
| Chevaux | 1/2 hp |
| Déplacement | 12,11 cm ³ |
| Application | MHBP |
| Capacité frigorifique en conditions ASHRAE, R404A/R507 | 1,76 kW |

| | |
|---|---------------------------------|
| Capacité frigorifique en conditions EN12900 MT, R404A/R507 | 0,97 kW |
| Réfrigérant | R404A, R452A, R507A |
| Aspiration | 3/8" |
| Refoulement | 1/4" |
| Poids | 11,60 kg |
| Hauteur maximale | 206 mm |
| LRA | 19,30 A |
| Huile de recharge | 350 cm ³ |
| Type d'huile | P0E 22 ester |
| Autres remarques | Accessoires de démarrage inclus |
| Technologie | Vitesse fixe |
| Type de refroidissement moteur | Ventilateur |
| Type moteur | CSIR |
| Type protection moteur | External |

| Specifications techniques | | | |
|---------------------------|-----------------------------------|--------------------------------|---------------------|
| Réfrigérant | R-404A - R-507A | Technologie de compresseur | Hermétique à piston |
| Application | Moyenne pression - Haute pression | Plage d'application | -20°C à +10°C |
| Type de tension | Monophasé | Tension | 240 / 1 / 50 |
| Cylindrée | 12.1cm ³ | Puissance frigorifique @ -10°C | 918W |
| Intensité maximale | 6.01A | Type moteur | CSIR |
| Détente | Capillaire / Détendeur | Diamètre aspiration ODF | 5/16" |
| Diamètre refoulement ODF | 1/4" | Entraxes de fixation | 170 x 70mm |
| Hauteur | 206mm | Charge d'huile | 0.35l |

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OPPO A1k

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Mbsm_dot_pro_private_PDF_nek6213GK-
Catalogue_EmbracoTélécharger

Mbsm_dot_pro_private_PDF_nek6213GK-
Catalogue_Embraco-1Télécharger

| | |
|---------------------------|-----------------|
| Designation | NEK6213GK |
| Nominal Voltage/Frequency | 220-240 V 50 Hz |
| Engineering Number | 959BA51 |

A - APPLICATION / LIMIT WORKING CONDITIONS

| | | | |
|--|---|-----------------------------------|-----------|
| 1 Type | Hermetic reciprocating compressor | | |
| 2 Refrigerant | R-404A | | |
| 3 Nominal voltage and frequency | 220-240 / 50 | [V / Hz] | |
| 4 Application type | Medium Back Pressure (Commercial Compressors R404A) | | |
| 4.1 Evaporating temperature range | -20°C to 0°C | (-4°F to 32°F) | |
| 5 Motor type | CSIR | | |
| 6 Starting torque | HST - High starting torque | | |
| 7 Expansion device | Capillary tube or Expansion valve | | |
| 8 Compressor cooling | | Operating voltage range | |
| | | 50 Hz | 60 Hz |
| 8.1 LBP (32°C Ambient temperature) | - | - | - |
| 8.2 LBP (43°C Ambient temperature) | - | - | - |
| 8.3 HBP (32°C Ambient temperature) | - | - | - |
| 8.4 HBP (43°C Ambient temperature) | - | - | - |
| 9 Maximum condensing pressures/temperature | | | |
| 9.1 Operating (gauge) | 25.7 | [kgf/cm ²] (365 psig) | / °C - °F |
| 9.2 Peak (gauge) | 28.7 | [kgf/cm ²] (408 psig) | / °C - °F |
| 10 Maximum winding temperature | 130 | [°C] | |

B - MECHANICAL DATA

| | | |
|-------------------------------|---------------|--|
| 1 Commercial designation | 1/2+ | [hp] |
| 2 Displacement | 12.11 | [cm ³] (0.739 cu.in) |
| 2.1 Bore | 27.775 | |
| 2.2 Stroke | 10.000 | |
| 3 Lubricant charge | 350 | [ml] (11.84 fl.oz.) |
| 3.1 Lubricants approved | | |
| 3.2 Lubricants type/viscosity | ESTER / ISO22 | |
| 4 Weight(with oil charge) | 11.6 | [kg] (25.57 lb.) |
| 5 Nitrogen charge | 0.2 to 0.3 | [kgf/cm ²] (2.84 to 4.27 psig) |

C - ELECTRICAL DATA

| | | |
|--|------------------------------------|------------------------------------|
| 1 Nominal Voltage/Frequency/Number of Phases | 220-240 V 50 Hz 1 - (Single phase) | |
| 2 Starting device type | Current Relay | |
| 2.1 Starting device | | |
| 3 Start capacitor | 53-64(330) | [µf(VAC minimum)] |
| 4 Run capacitor | - | [µf(VAC minimum)] |
| 5 Motor protection (external) | T0743/G6 | |
| 6 Start winding resistance | 20.88 | [Ω at 25°C (77°F)] +/- 8% |
| 7 Run winding resistance | 3.93 | [Ω at 25°C (77°F)] +/- 8% |
| 8 LRA - Locked rotor amperage (50 Hz) | - | [A] - Measured according to UL 984 |
| 9 FLA - Full load amperage L/MBP (50 Hz) | - | [A] - Measured according to UL 984 |
| 10 FLA - Full Load Amperage HBP (50 Hz) | - | [A] - Measured according to UL 984 |
| 11 Approval boards certification | IMQ | |