# Compressor, TEE, TURK ELEKTRIK , R600a, MTS200MT, MTS170MT, MTS185MT

Category: compressor
written by www.mbsm.pro | 12 April 2021

Compressor, TEE, TURK ELEKTRIK , R600a, MTS200MT, MTS170MT, MTS185MT

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# Medium and High Back Pressure Compressors, M/HBP, RSIR, TECUMSEH, 1/5++ HP, R134a, 160g, TWB1374YGS, TW146GY, 220v/50-60, kiriazi defrost, 340L, k350, k350/1, Embraco, ff17.5hak, tw146-gy-486, twb1374ygs

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Medium and High Back Pressure Compressors, M/HBP, RSIR, TECUMSEH, 1/5++ HP, R134a, 160g, TWB1374YGS, TW146GY, 220v/50-60, kiriazi defrost, 340L, k350,

k350/1, Embraco, ff17.5hak, tw146-gy-486, twb1374ygs

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# LG rotary, compressor, model, QJS222PMA, 12700BTU 5.6Amps, EER = 10.7, air conditioner

Category: compressor
written by www.mbsm.pro | 12 April 2021
LG rotary, compressor, model, QJS222PMA, 12700BTU 5.6Amps, EER = 10.7, air conditioner

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# PH360G2C-4FTS1, 22000BTU, GMCC, Compressor rotary, 2 Ton, air conditioner, R22, refrigeration compressor , 50HZ 220V / 240V

Category: compressor
written by www.mbsm.pro | 12 April 2021

PH360G2C-4FTS1, 22000BTU, GMCC, Compressor rotary, air conditioner, R22, refrigeration compressor , 50HZ 220V / 240V

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# Pressure and boiling Temperature list, standing, Refrigerant, suction, discharge

Category: Chaud&Froid
written by www.mbsm.pro | 12 April 2021

Some Refrigerant Standing, Suction, Discharge Pressure & Boiling Temperature List.

| Refrigerant Name | Standing Pressure | Suction Pressure | Discharge Pressure | Boiling Temp |
|---|---|---|---|---|
| R-22 | 150-155 psi | 60-70 psi | 250-300 psi | -40.8 C |
| R-410a | 225-230 psi | 120-130 psi | 450-500 psi | -51.4 C |
| R-134a | 85-95 psi | 12-15 psi | | -26.2 C |
| R-600a | 40-50 psi | Below 0-1 psi | | -11.7 C |
| R-32 | 240-245 psi | 110-115 psi | | -52.0 C |
| R-290 | 125-130 psi | 65-70 psi | 275-300 psi | -42.1 C |
| R-407c | 180-185 psi | 75-80 psi | 275-300 psi | -45.0 C |
| R-404a | 180-185 psi | 80-90 psi | | -46.2 C |
| R-417 | 140 psi | 65 psi | 261 psi | |

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Pressure and boiling Temperature list, standing, Refrigerant, sustion, discharge

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# no frost, egl99aa zmc refrigerator, DF40, silver, ideal, zanussi, IDEAL ZANUSSI, EGL99AA ZMC, DF 40 Elgance, Compressor, ACC Cubigel, Huayi, Electrolux, ZEM GL99AA, GL99AA, LBP , R134a, 220-240V/1/50Hz, 1/4 HP, discharge 9.93 cm3, motor type RSIR, LRA 14.4A

Category: compressor

written by www.mbsm.pro | 12 April 2021

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Compressor ACC Cubigel Huayi Electrolux ZEM GL99AA, LBP – R134a, 220-240V/1/50Hz, 1/4 HP, discharge 9.93 cm3, motor type RSIR, LRA 14.4A, expansion device: capillary, cooling: static,weight 11 kg , the statutory warranty period shall apply (24 months), Delivery time Info: with “immediately available” and “scarce stock”, usually delivery within 2 days. For “currently not available” delivery time usually 2 weeks or delivery time in urgent cases contact us.

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| | |
|---|---|
| Refrigerant: | R134a |
| Power range(W): | 101 – 200 W |
| Performance range (C): | -35 C to -10 C |
| Connecting size: | 4,9 mm |
| Suction: | 6,5 mm |
| Working area: | LBP |
| Design type: | Hermetic |
| Model series: | GL |
| Use with: | Capillary |
| Power range(HP): | 0-2 |
| Power supply: | 230 V |
| Oil type: | ISO VG 22 Ester |
| Engine type: | RSIR |
| Article condition: | New |
| Info: | Oil filled |
| Shipping weight: | 13,00 Kg |
| Dimensions ( length × width × height ): | 23,10 × 16,20 × 18,60 cm |
| Cooling capacity condition: | T0 -25 C, Tk +55 C |
| Manufacturer: | ACC Cubigel Huayi Electrolux ZEM |
| Model: | GL99AA |
| Stroke volume (cm3): | 9,93 |
| Cooling capacity (W): | 174 |
| Power (HP): | 0,25 |
| Max. Starting current (A): | 14,4 |
| Max. Operating current (A): | 1,31 |
| Engine type: | RSIR |
| COP: | 0,92 |
| Note: | Static cooling |
| Conveying and suction volume (m3): | 1,72 |
| Oil quantity (l): | 0,295 |
| Compressor type: | Piston |
| Cooling: | Static |

| | |
|---|---|
| RPM: | 2900 |
| Power range: | -35 C to -10 C |
| Alternative: | HLY90AA, NL11F |
| Pressure line (mm): | 4,9 |
| Suction line (mm): | 6,5 |

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cubigel compressors

# TECHNICAL DATA SHEET

**GL99AAa VE09**
**220-240V 50Hz ~1**

| COMPRESSOR | |
|---|---|
| Displacement (cm3) | 9.95 |
| Diameter (mm) | 25.4 |
| Stroke (mm) | 19.62 |
| Net Weight (Kg) | 9.6 |
| Oil type | ISO VG 22 ESTER |
| Oil charge (cm3) | 295 |

| MOTOR | |
|---|---|
| Approximate Power (CV) | 1/4 |
| Voltage/Frequency (V/Hz) | 220V 50Hz |
| Voltage range (V) | 187-264 |
| Code | - |
| Type | RSIR |
| Phase number | 1 PH |
| Locked rotor current (A) | 14.0 |
| Main W. resist. at 25°C (Ω) | 9.96 |
| Start W. resist. at 25°C (Ω) | 20.39 |

| APPLICATION | |
|---|---|
| Application | Low back pressure |
| Refrigerant | R134a |
| Evaporating (°C) | -35 to -10 |
| Expansion | Capillar |
| Comp. cooling | Static |
| Max. ambient temp. (°C) | 43 |

| NOMINAL PERFORMANCE | CYCLE A | CYCLE B |
|---|---|---|
| Cooling capacity (W) | 175 | 238 |
| Input power (W) | 189 | 200 |
| EER (kcal/Wh) | 0.79 | 1.02 |
| COP (W/W) | 0.92 | 1.19 |
| Current (A) | 1.31 | 1.34 |
| **TEST CONDITIONS** | | |
| Evaporating temp. (°C) | -25.0 | -23.3 |
| Condensing temp. (°C) | 55.0 | 55.0 |
| Liq.t. entering expan. (°C) | 55.0 | 32.0 |
| Ambient t. and return (°C) | 32.0 | 32.0 |
| Tens/Freq (V/Hz) | 220V 50Hz | 220V 50Hz |

| ELECTRICAL COMPONENTS | | | |
|---|---|---|---|
| Relay | PTC 3003 - K100 | | |
| Nominal voltage (V) | 200 - 240 | | |
| Resistance µ | 14,00 | | |
| Protector | MRP336JZ | T0377 | AE11FU |

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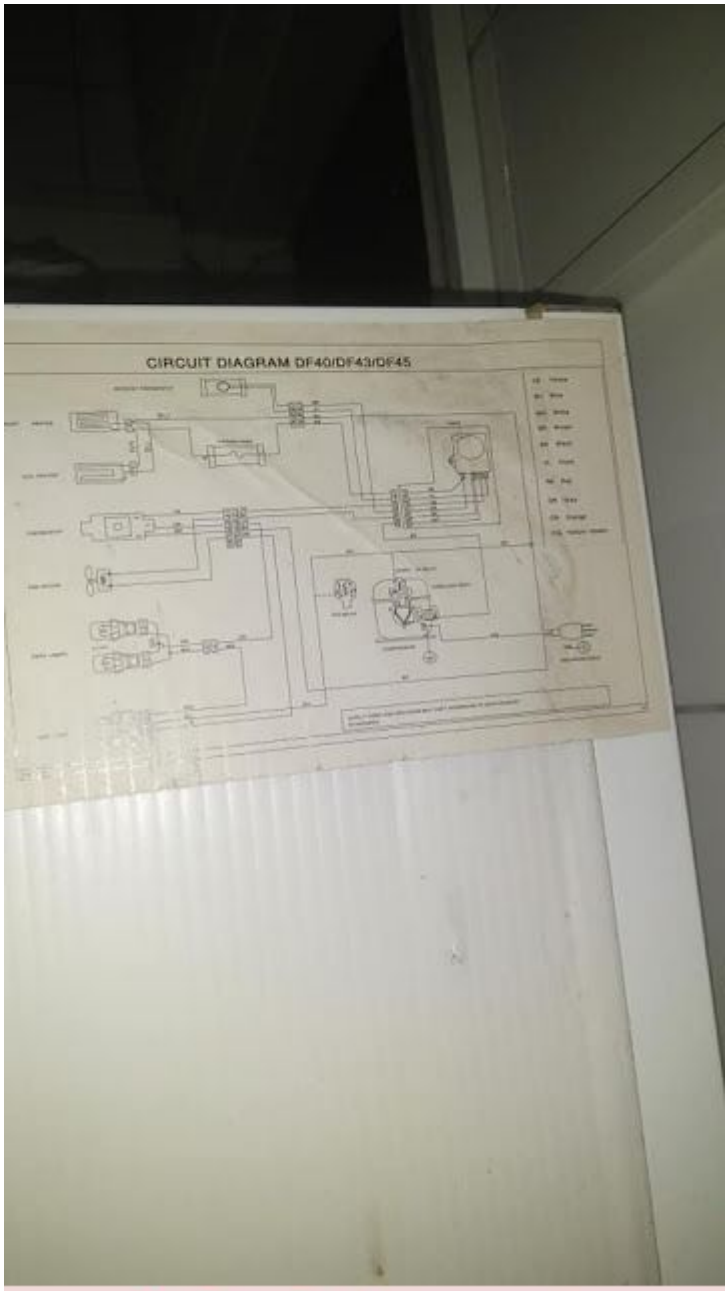


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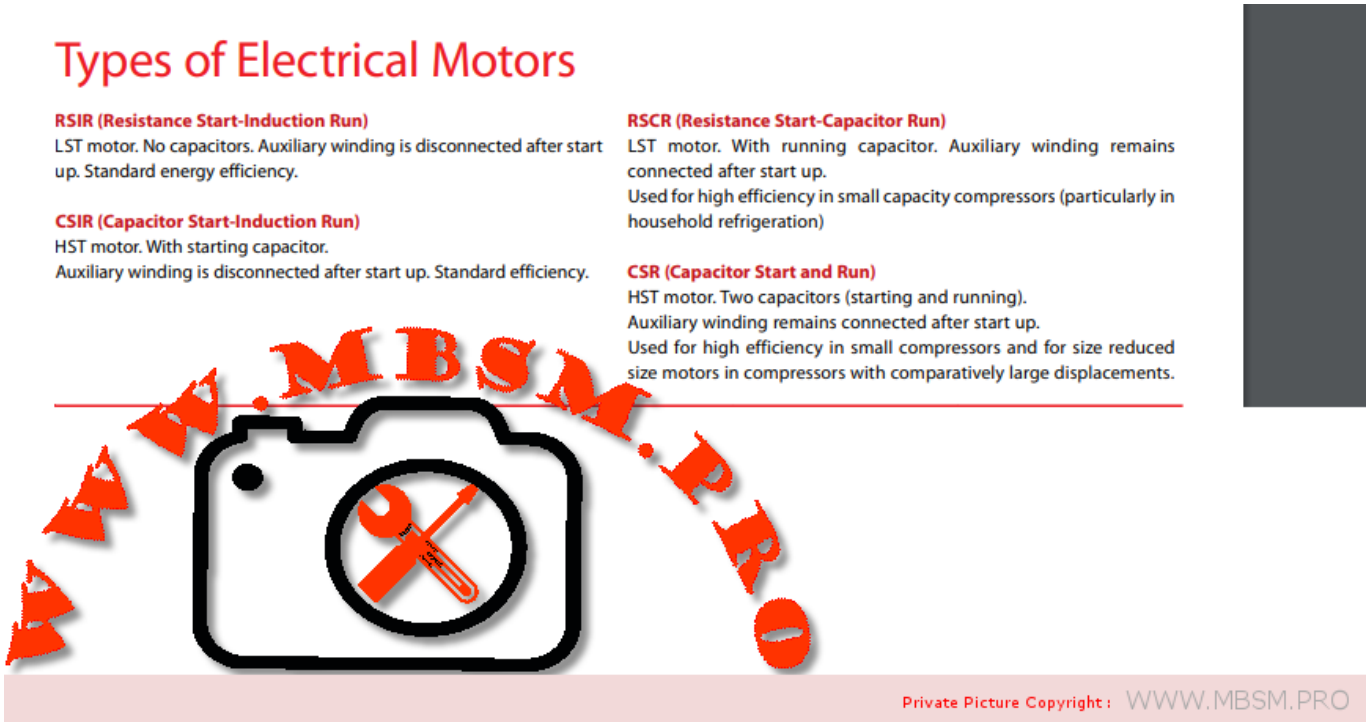
# Tecumseh, Copeland, Compressor, Cross, Reference, P12FW, Compressor, R-12, 1/3HP, 230V, HMBP, ACC-ELECTROLUX, CUBIGEL/HUAYI

Category: compressor
written by www.mbsm.pro | 12 April 2021
Tecumseh, Copeland, Compressor, Cross, Reference, P12FW, Compressor, R-12, 1/3HP, 230V, HMBP, ACC-ELECTROLUX, CUBIGEL/HUAYI

# Types of Electrical Motors, RSIR, CSIR, RSCR, CSR, PTC, NTC, LST, HST, MBP, HBP, LBP

Category: compressor,Files
written by www.mbsm.pro | 12 April 2021
Types of Electrical Motors
RSIR (Resistance Start-Induction Run)
LST motor. No capacitors. Auxiliary winding is disconnected after start up. Standard energy efficiency.
CSIR (Capacitor Start-Induction Run)
HST motor. With starting capacitor.
Auxiliary winding is disconnected after start up. Standard efficiency.
RSCR (Resistance Start-Capacitor Run)
LST motor. With running capacitor. Auxiliary winding remains connected after start up.
Used for high efficiency in small capacity compressors (particularly in household refrigeration)
CSR (Capacitor Start and Run)
HST motor. Two capacitors (starting and running).
Auxiliary winding remains connected after start up.
Used for high efficiency in small compressors and for size reduced size motors in compressors with comparatively large displacements




Type of starting device
Current relay – (electromechanical). RSIR/CSIR motors and CSR low/medium-power motors with NTC (the NTC is connected in series with the starting capacitor and the main purpose is to reduce the current peaks in the relay contacts)
Potential relay – (electromechanical). CSR high-power motors.

PTC – (Positive Temperature Coefficient), the resistance increases with the temperature. Device only with RSIR or RSCR motors in the (Small L, B), L and P ranges.
NTC – (Negative Temperature Coefficient), the resistance decreases with the temperature. Used in some CSR in order to reduce dimensions and components.

**Type of starting device**

**Current relay** – (electromechanical). RSIR/CSIR motors and CSR low/ medium-power motors with NTC (the NTC is connected in series with the starting capacitor and the main purpose is to reduce the current peaks in the relay contacts)

**Potential relay** – (electromechanical). CSR high-power motors.

**PTC** – (Positive Temperature Coefficient), the resistance increases with the temperature. Device only with RSIR or RSCR motors in the (Small L, B), L and P ranges.

**NTC** – (Negative Temperature Coefficient), the resistance decreases with the temperature. Used in some CSR in order to reduce dimensions and components.

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Type of torque
LST – Low Starting Torque – Systems with capillary tube or balanced pressures at start up.
HST – High Starting Torque – Systems with expansion valve or capillary tube, with unbalanced pressures at start up.

## Type of torque

**LST** – Low Starting Torque – Systems with capillary tube or balanced pressures at start up.

**HST** – High Starting Torque – Systems with expansion valve or capillary tube, with unbalanced pressures at start up.

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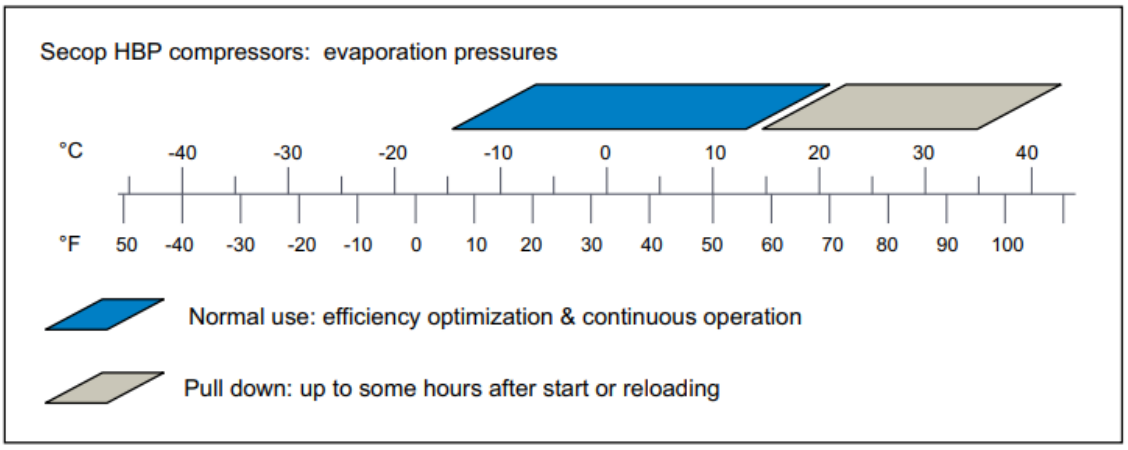


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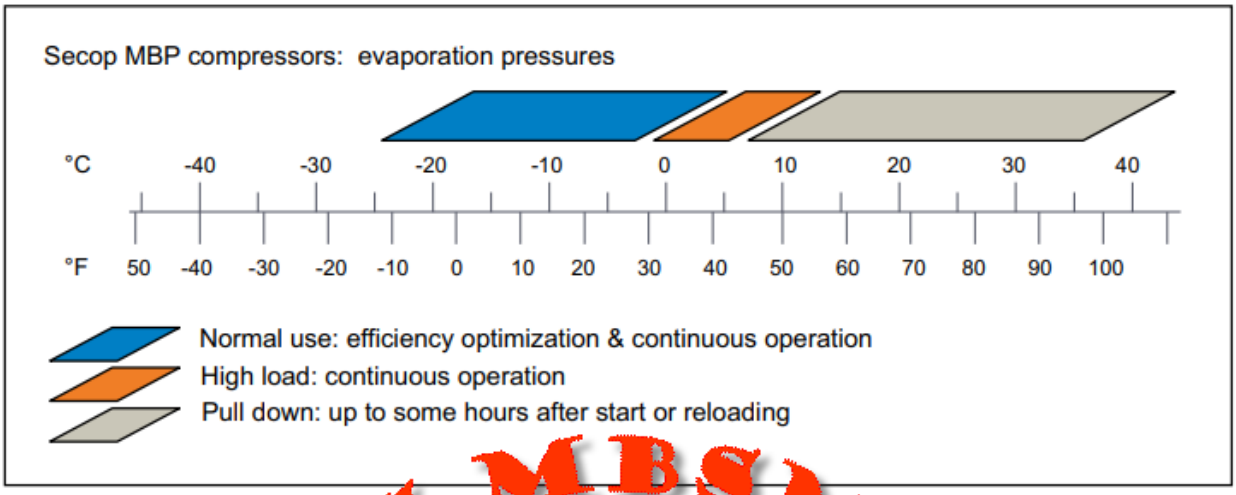


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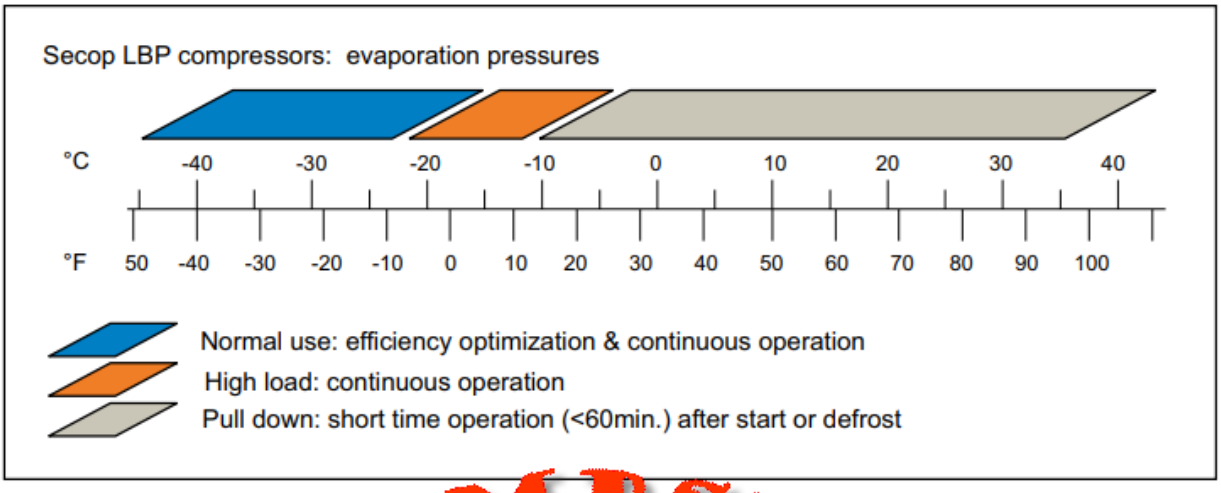


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# Catalogue, DANFOSS, All Compressor, PDF Catalogs, Documentation

Category: compressor,Files
written by www.mbsm.pro | 12 April 2021
Catalogue, DANFOSS, All Compressor, PDF Catalogs, Documentation
Mbsm_dot_pro_private_PDF_DANFOSS-FRCC.PK_.046.A1.02Télécharger
Mbsm_dot_pro_private_PDF_Danfoss_scroll_compressors_HXX_R410ATélécharger
Mbsm_dot_pro_private_PDF_DANFOSS-1Télécharger
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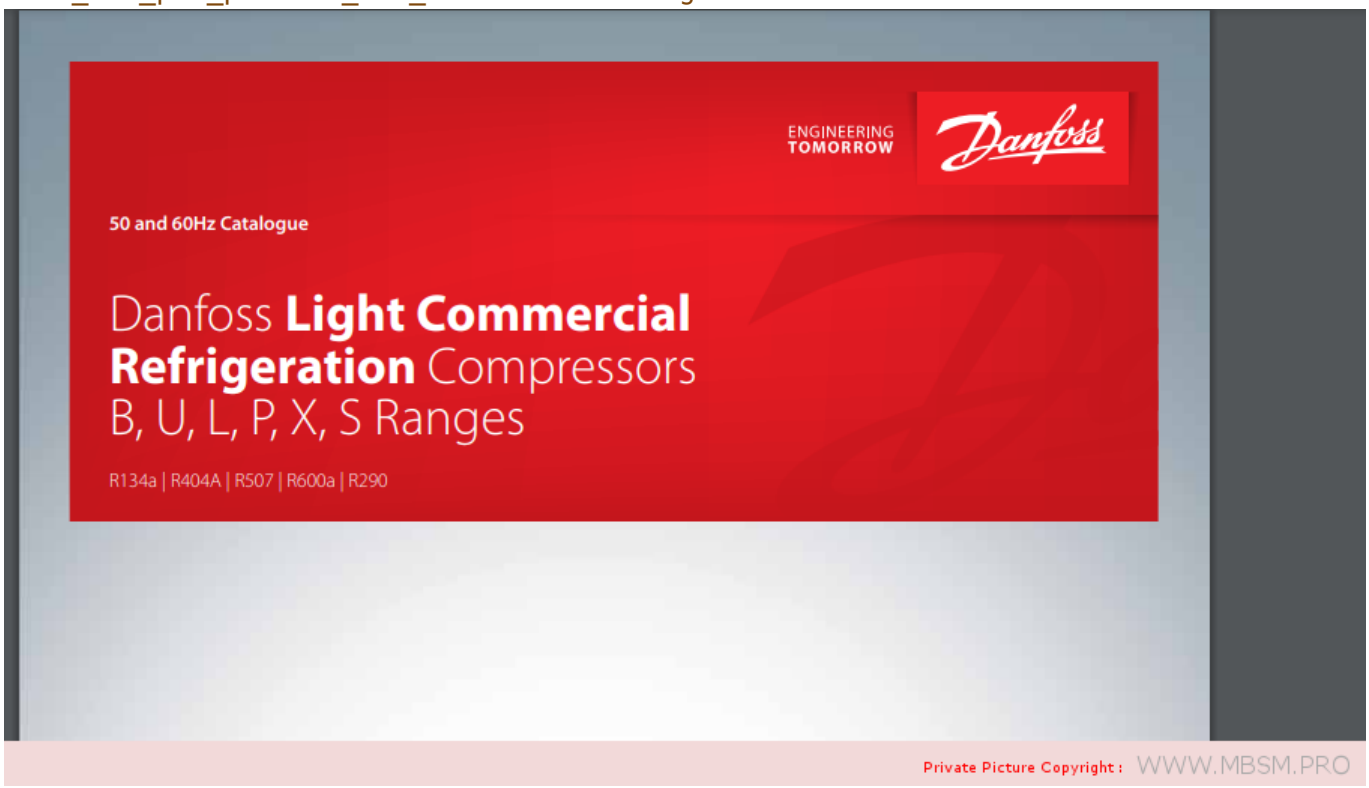


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# Compressor Embraco Aspera NEK6210GK, MBP – R404A, R507, 220 – 240V/1/50Hz, 1/2 HP, discharge 8.77 cm3, motor type CSIR, lubricant type POE 22, lubricant charge 350 ml.1318 W at +7.2 / +54.4 °, expansion device: capillary or valve, cooling: fan cooling, weight 11 kg

Category: compressor
written by www.mbsm.pro | 12 April 2021

**Compressor ASPERA NEK6210GK | NEK 6210 GK**

Compressor Embraco Aspera NEK6210GK, MBP – R404A, R507, 220 – 240V/1/50Hz, 1/2 HP, discharge 8.77 cm3, motor type CSIR, lubricant type POE 22, lubricant charge 350 ml.1318 W at +7.2 / +54.4 °, expansion device: capillary or valve, cooling: fan cooling, weight 11 kg

| | |
|---|---|
| Refigerant | R404A/R507 |
| Working range[stC] **MBP** | -20 do +10 |
| Nominal capacity [W] (evaporating temperature +7,2C, Condensing temperatur +54,4C) | 1303 |
| Power supply | 220-240V 50Hz |
| Engine type | CSIR |
| Displacement [cm³] | 8,77 |
| Weight [kg] | 11 |

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) |
| -20 | 384 | 447 | 1.525 | 365 | 2,36 | 11,99 | 1,05 | 1,22 |
| -15 | 467 | 544 | 1.855 | 419 | 2,58 | 14,69 | 1,12 | 1,30 |
| -10 | 574 | 668 | 2.278 | 470 | 2,79 | 18,18 | 1,22 | 1,42 |
| -5 | 704 | 819 | 2.795 | 519 | 3,00 | 22,51 | 1,36 | 1,58 |
| 0 | 858 | 998 | 3.405 | 565 | 3,20 | 27,73 | 1,52 | 1,77 |
| 5 | 1.036 | 1.204 | 4.109 | 609 | 3,40 | 33,90 | 1,70 | 1,98 |
| 10 | 1.237 | 1.438 | 4.907 | 650 | 3,59 | 41,06 | 1,90 | 2,21 |

**Substitutes for this compressor are:** Electrolux ML90TB , L’Unite Hermetique/Tecumseh AE4450Z

Refrigerant: R404A, R507

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