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

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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written by www.mbsm.pro | 12 April 2021
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

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

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.

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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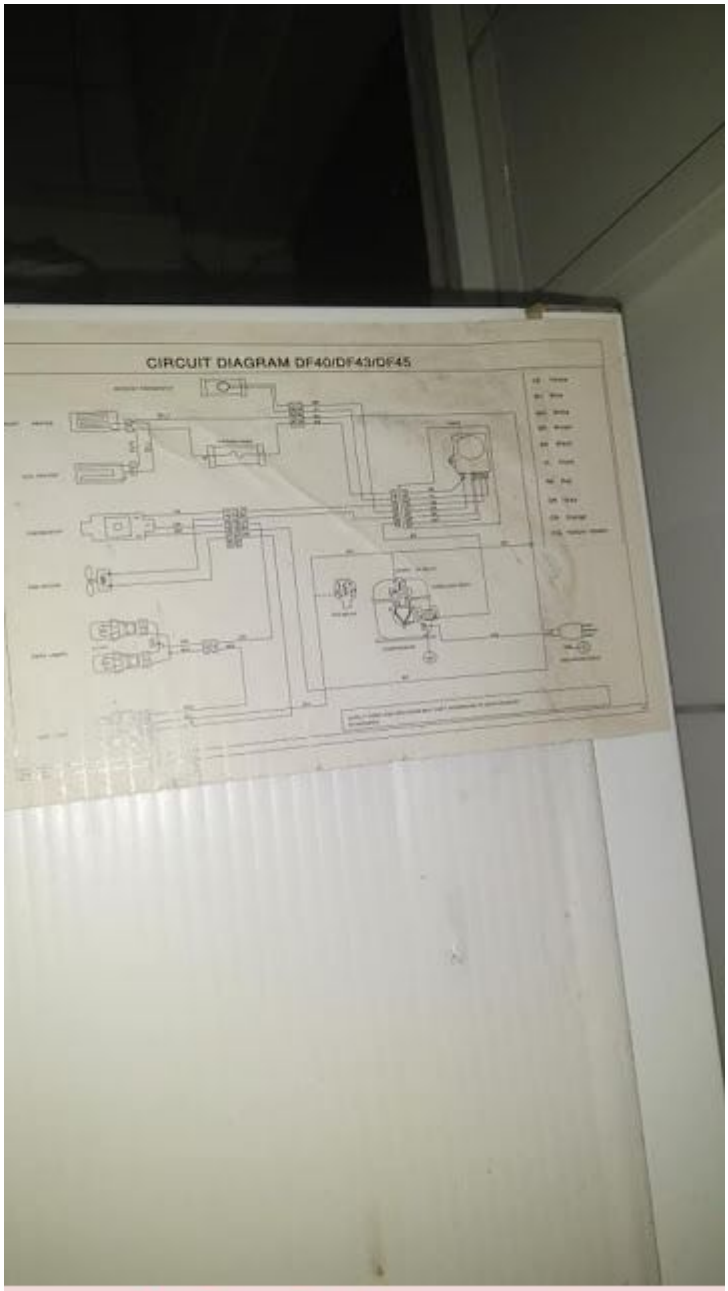

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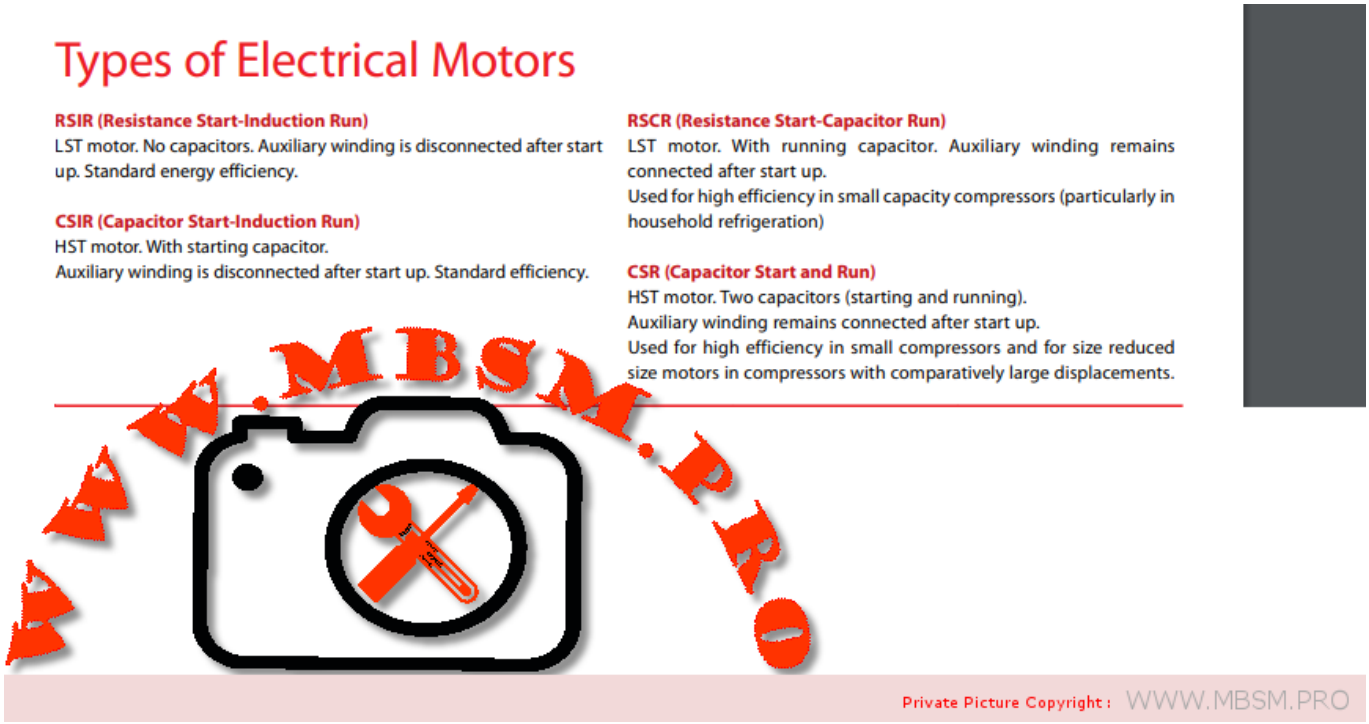
Tecumseh, Copeland, Compressor, Cross, Reference, P12FW, Compressor, R-12, 1/3HP, 230V, HMBP, ACC-ELECTROLUX, CUBIGEL/HUAYI

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.

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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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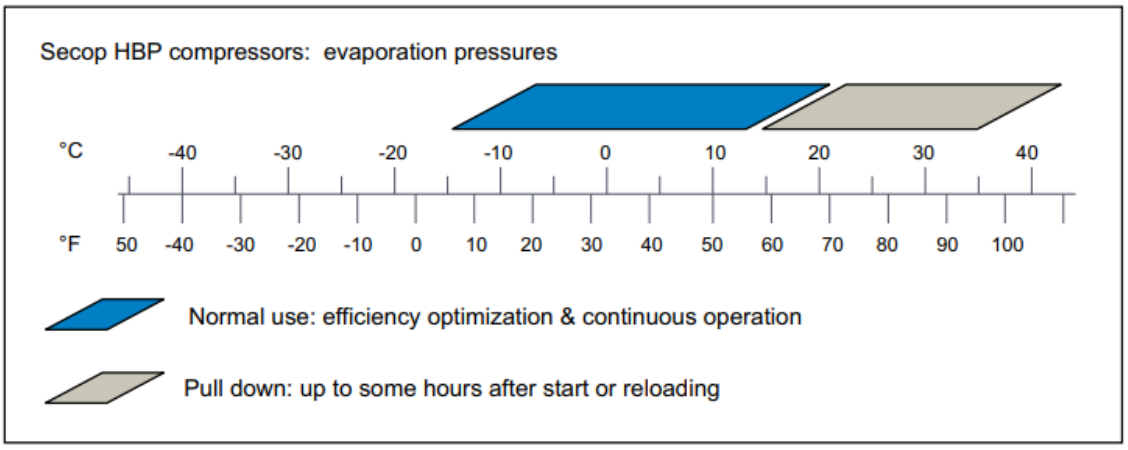

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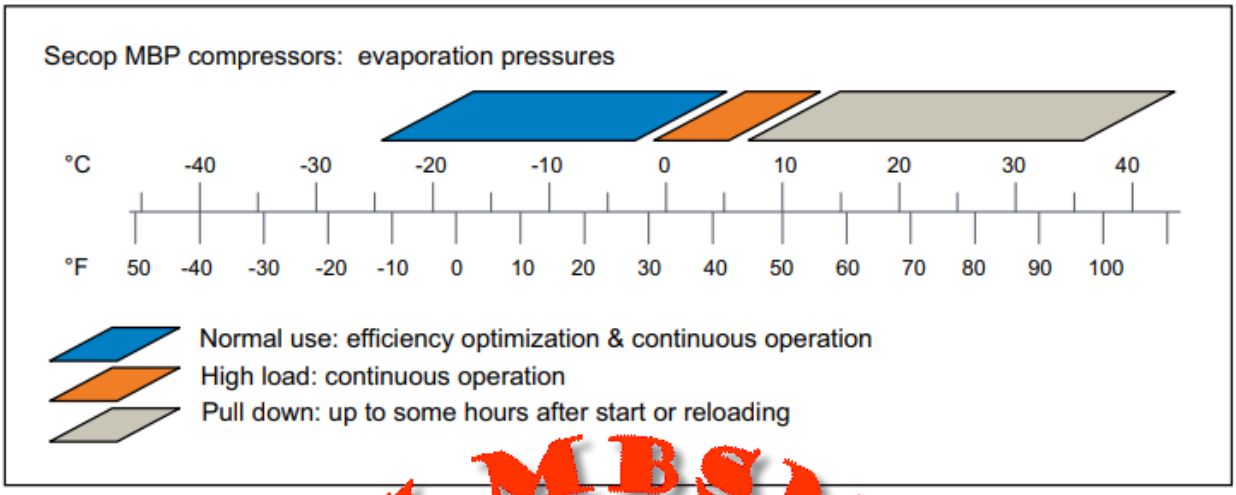

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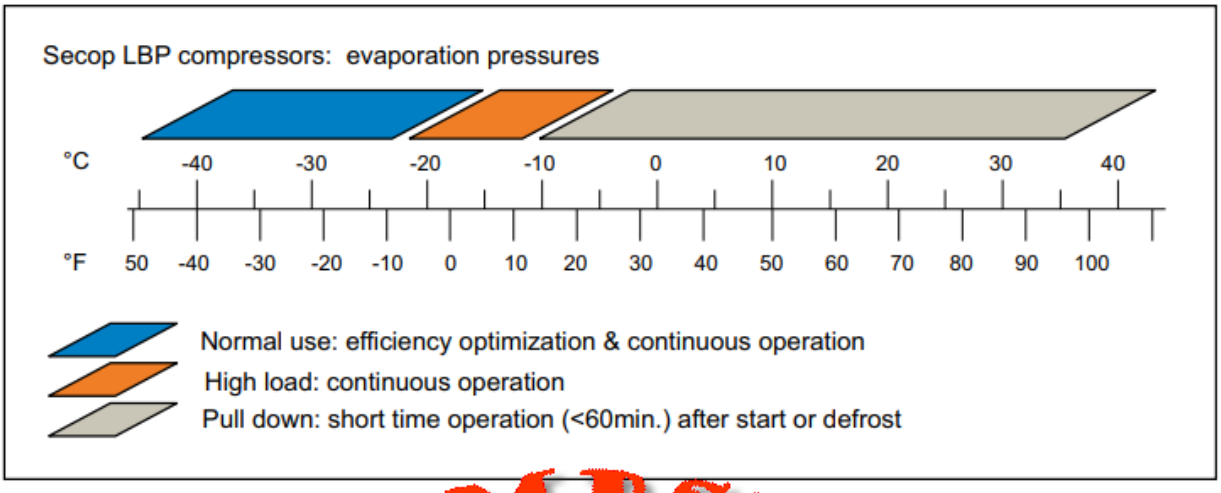

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Catalogue, DANFOSS, All Compressor, PDF Catalogs, Documentation

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
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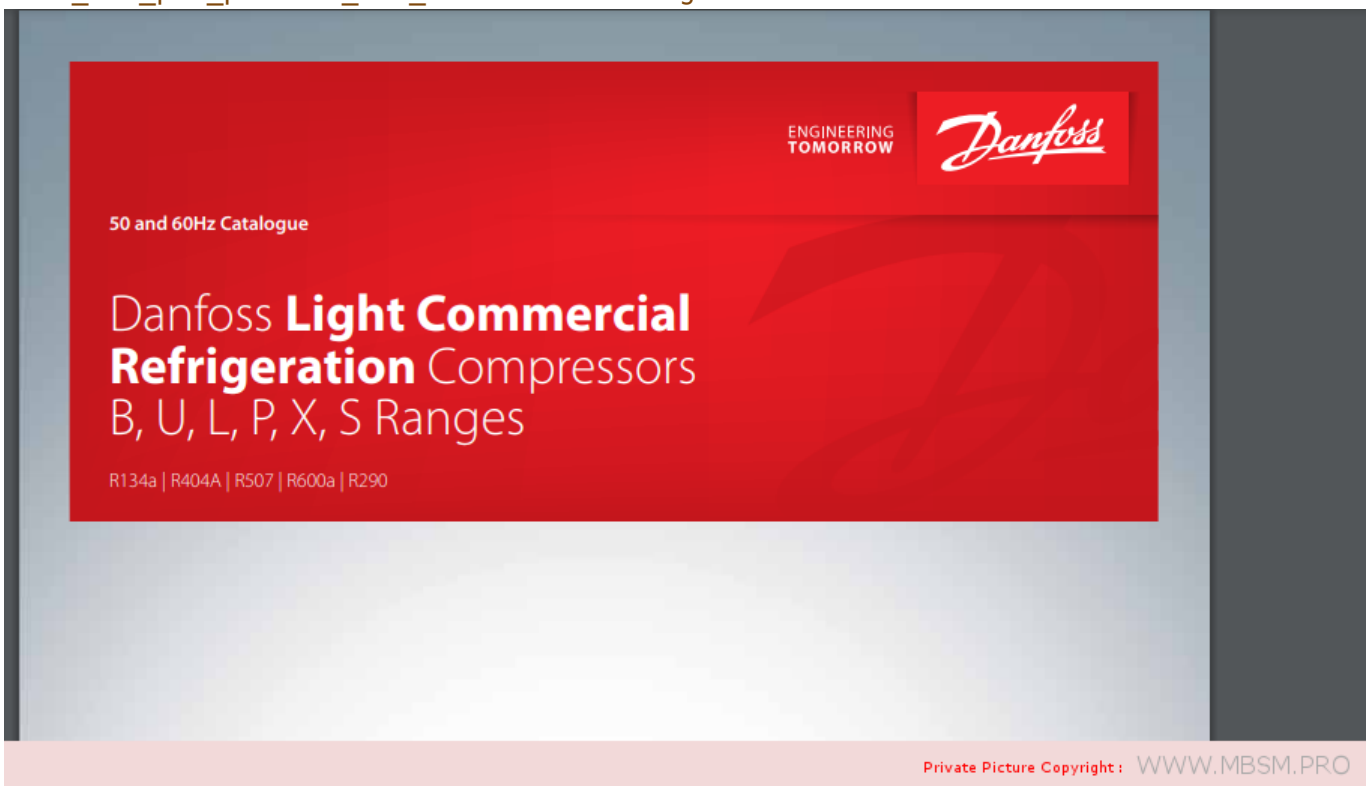

Compressor Embraco Aspera NEK6210GK, MBP – R404A, R507, 220 – 240V/1/50Hz, 1/2 HP, discharge 8.77 cm3, motor type CSIR, lubricant type POE 22, lubricant charge 350 ml.1318 W at +7.2 / +54.4 °, expansion device: capillary or valve, cooling: fan cooling, weight 11 kg

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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