

Compresor Embraco, T/M-B FFU160HAX 1/2 HP, 1,533 BTU/h, R-134 A ,MBP

Category: Technologie, Tester ok
written by www.mbsm.pro | 3 May 2020



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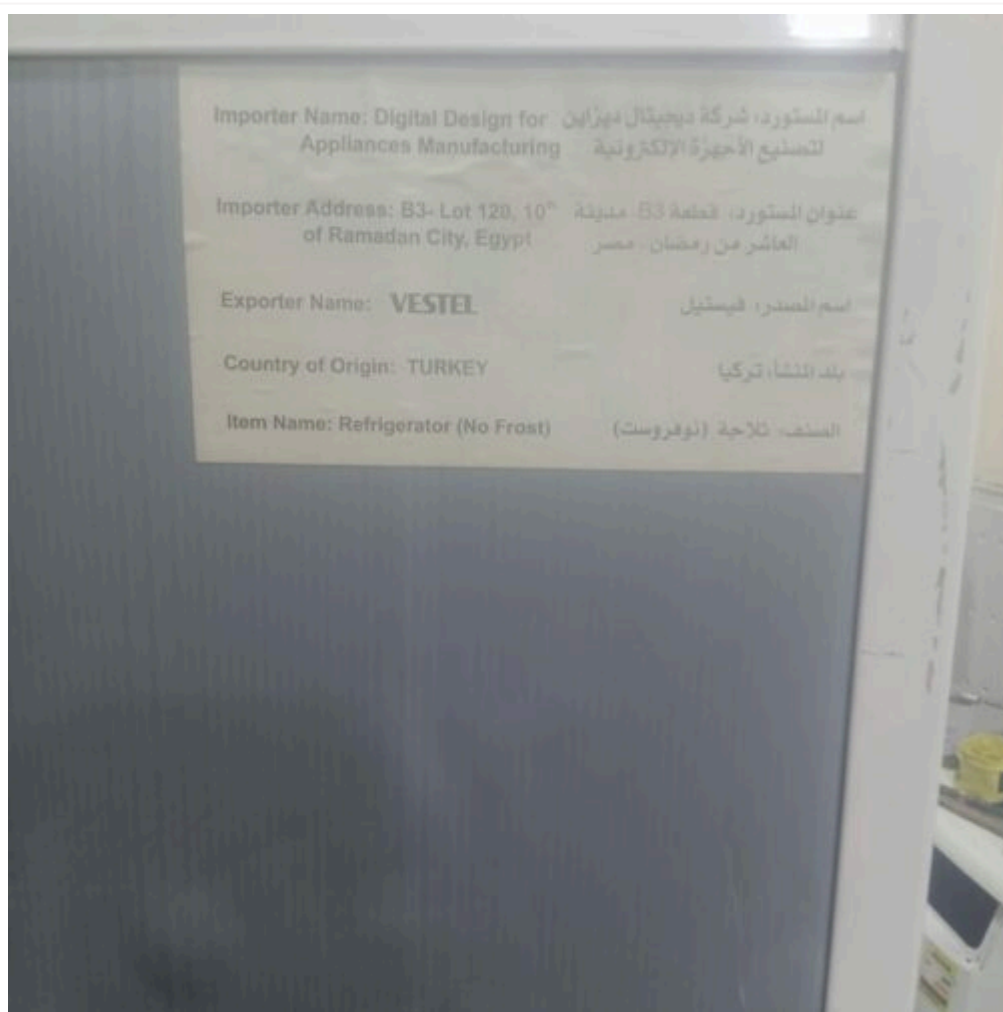
Mbsm.pro, GTH93AA , compressor
coolant R134a , 220-240V 50Hz MBP
9,8kg, 1/4HP++, 1/3 hp- cylinder
capacity 9,3cm³, 260 W,

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PictureS Mbsm Dot Pro : www.mbsm.pro

Mbsm.pro, GTH93AA , compressor coolant R134a , 220-240V 50Hz MBP 9,8kg 1/4HP
cylinder capacity 9,3cm³





PictureS Mbsm Dot Pro : www.mbsm.pro

refrigerant	R134a
type	GTH93AA
voltage	220-240 V

frequency	50 Hz
application	MBP
weight	9,8 kg
power	1/4 HP
cylinder capacity	9,3 cm ³
motor system	RSIR/RSCR
height	184 mm
power at -20°C	– W
power at -15°C	– W
power at -10°C	– W
power at -5°C	– W
power at 0°C	– W
power at +5°C	– W

Mbsm_dot_pro_private_PDF_GTH93AA-compresseur-acc-cubigell-gl99aaTélécharger
Mbsm_dot_pro_private_PDF_catalog_zelTélécharger

Mbsm.pro , L76AV ,Compresseur, 1/5 HP ,149W, R12 ,E80101 ,Zem ,HMBP ,Hermetic piston compressors , 220V/50 , 1PH(phase)

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Mbsm.pro , L76AV ,Compresseur, 1/5 HP ,149W, R12 ,E80101 ,Zem ,HMBP ,Hermetic piston compressors , 220V/50 , 1PH(phase)

Mbsm.pro , COMPRESSOR TECUMSEH, CAJ4511Y, R134a, HMBP(HBP – High Back Pressure),1 HP, 1PH, 220-240 VOLTS , High Start Torque (HST) ,

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PictureS Mbsm Dot Pro : www.mbsm.pro

Mbsm.pro , COMPRESSOR TECUMSEH,

L'unité hermetique Compressor

CAJ4511Y, R134a, HMBP(HBP – High Back Pressure),1 HP, 1PH, 220-240 VOLTS , High
Start Torque (HST)

Condensateur Perm./ Run capacitor : 15 μ F / 400 V

Données techniques

- Modèle: **CAJ4511Y**
- Gaz: **R-134a**
- Température/Pression: **Haute Pression**
- Puissance: **1 HP**
- Voltage: **230 V**
- Type De Courant: **Monophasé**
- Fréquence: **50 Hz**
- Type De Compresseur: **Hermétique**
- Décalage: **32.7 cm³**
- Cons.Énergie -5°C: **920 W**
- Cons.Énergie 0°C: **1030 W**
- Cons.Énergie +5°C: **1140 W**
- Cons.Énergie +10°C: **1250 W**

- T° De Condensation: 55 °C
- Capacidad Frigorífica -5°C: 1376 Kcal/h
- Capacidad Frigorífica 0°C: 1737 Kcal/h
- Capacidad Frigorífica 5°C: 2150 Kcal/h
- Capacidad Frigorífica 7.2°C: 2347 Kcal/h
- Capacidad Frigorífica 10°C: 2614 Kcal/h
- Tipo Test: EN.12900



PictureS Mbsm Dot Pro : www.mbsm.pro



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Mbsm.pro , Compressor ACC ,Cubigel
Huayi, Electrolux ZEM, GP12TG, HMBP-
R134a, 220-230V ,50/60Hz, 3.8 HP

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cubigel

compressors

**THERMALLY
PROTECTED**

R134a

GP12TG

200-220V~50Hz PH1

220-230V~60Hz

CE

MADE IN
SPAIN

72081480231000

2
272

COMPRESSOR

Displacement (cm ³)	12
Diameter (mm)	29.37
Stroke (mm)	17.8
Net Weight (Kg)	11.2
Oil type	ISO VG 22 ESTER
Oil charge (cm ³)	400

MOTOR

Approximate Power (CV)	3/8
Voltage/Frequency (V/Hz)	200V 50Hz
Voltage range (V)	170-242
Code	61.575
Type	CSIR
Phase number	1 PH
Locked rotor current (A)	16.0
Main W. resist. at 25°C (Ω)	4.59
Start W. resist. at 25°C (Ω)	16.52

APPLICATION

Application	High/Mid. back pressure
Refrigerant	R134a
Evaporating (°C)	-25 to 10
Expansion	Capillar/Valve
Comp. cooling	Fan cooled
Max. ambient temp. (°C)	43

NOMINAL PERFORMANCE	CYCLE C	CYCLE D
Cooling capacity (kcal/h)	768	920
Input power (W)	505	530
EER (kcal/Wh)	1.52	1.73
COP (W/W)	1.76	2.01
Current (A)	3.29	3.39

TEST CONDITIONS

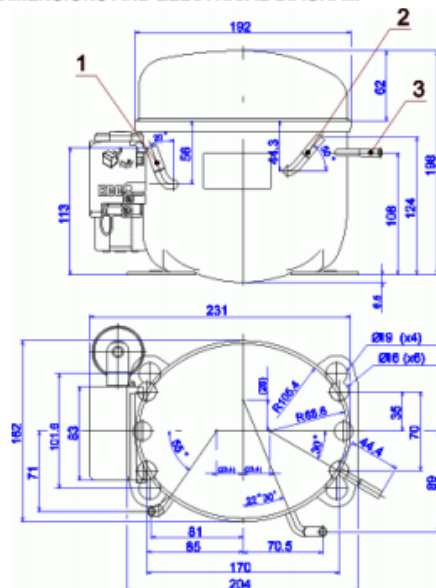
Evaporating temp. (°C)	5.0	7.2
Condensing temp. (°C)	55.0	55.0
Liq.t. entering expan. (°C)	55.0	46.0
Ambient t. and return (°C)	32.0	35.0
Tens/Freq (V/Hz)	200V 50Hz	200V 50Hz

ELECTRICAL COMPONENTS

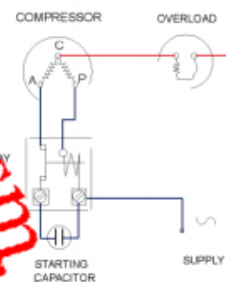
Relay	2014 149.
Pick-Up (A)	7.80


ELECTRICAL COMPONENTS

Relay	2014 149.
Pick-Up (A)	7.80
Drop-Out (A)	6.65
Protector	MRT20APK T0188
Current (A)	13.2 12.3
Time check (seg)	7.5-14 7.5-14
Disc temp. (Open/Close) (°C)	105.0 / 61.0 115.0 / 61.0
Starting capacitor (μF/M/FM)	47- 56 / 330

DIMENSIONS AND ELECTRICAL DIAGRAM


DESIGNATION	INTERNAL DIAM. (MM)
1 Suction/Service	8.1
2 Service/Suction	8.1
3 Discharge	6.5

CSIR


www.mbsm.pro, Compresseurs, LBP, MBP, HBP , Difference, and, signification

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LEARN MORE ABOUT CLASSIFICATION OF COMPRESSORS		
NOMENCLATURE	EVAPORATION TEMPERATURE	APPLICATION EXAMPLES
LBP	-35°C to -10°C	Household refrigerators, freezers, island freezers
L/MBP	-35°C to -5°C	Commercial counters, beverage displays, some water coolers, ice cube machine, some wine coolers, vending machines
HBP	-5°C to +15°C	Dehumidifiers, coolers, some water coolers, some wine coolers

PictureS Mbsm Dot Pro : www.mbsm.pro

le B correspond à back il faut le traduire en contre pression , en fait sur les compresseurs frigorifiques du fait du circuit fermé , il y a une delta P entre entrée et sortie du compresseur , ce n'est pas comme un compresseur classique d'air comprimé