

Mbsm.pro, Compressor, D77C18RAX5, RSIR, 1/4 Hp, D Series, r134a, LBP, 186 W, Toshiba, Refrigerator, 14 Feet, GR-EF40, 2 Doors, New Compressor, PE75H1C, 250 w, 1/4 hp

written by Lilianne | 28 February 2022

Performance								
Application : Low Back Pressure								
Refrigerant : R134a (CF ₃ CH ₂ F)								
Evaporator Temperature Range : -35°C to -5°C								
Series	Model	Displacement (cm ³)	Voltage / Frequency	Motor Type	ASHRAE		CECOMAF	
					Capacity W	COP W/W	Capacity W	COP W/W
	D77C15RAW5	7.7	220/240V 50Hz	RSIR	186 / 186	1.27 / 1.24	-	-
				RSCR	186 / 186	1.32 / 1.27	-	-
	D77C17GAX6	7.7	220V 60Hz	RSIR	236	1.25	-	-
				RSCR	-	-	-	-
	D77C17RAT6	7.7	110V 60Hz	CSIR	-	-	-	-
				CSCR	236	1.34	-	-
	D77C18RAX5	7.7	220V 50Hz	RSIR	186	1.24	-	-
				RSCR	186	1.31	-	-
	D91C18RAW5	9.1	220/240V 50Hz	RSIR	227 / 227	1.29 / 1.24	-	-
				RSCR	227 / 227	1.37 / 1.31	-	-
	D91C18TA00	9.1	100V 50/60Hz	CSIR	-	-	-	-

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Mbsm.pro, Compressor, D77C18RAX5, RSIR, 1/4 Hp, D Series, r134a, LBP, 186 W, Toshiba, Refrigerator, 14 Feet, GR-EF40, 2 Doors, New Compressor, PE75H1C, 250 w, 1/4 hp

**Mbsm.pro, Compressor, B43H,
HUAYI, 1/7 Hp, LBP, ACC,
CUBIGEL, Danfoss, RSIR ,
r134a**

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Mbsm.pro, Compressor, B43H, HUAYI, 1/7 Hp, LBP, ACC, CUBIGEL, RSIR , r134a

**Mbsm.pro, Compressor,
Embraco, Aspera, EMY26CLC,
LBP, R600a, 220 –
240V/1/50Hz, 1/12 HP, RSIR,
LRA 7.8 A, 83 Wat**

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Compressor, Embraco, Aspera, EMY26CLC, LBP, R600a, 220 –
240V/1/50Hz, 1/12 HP, RSIR, LRA 7.8 A, 83 Wat

Mbsm.pro, Motor, compressor, type, RSIR, RSCR, CSIR, CSCR, PSC

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(1) RSIR

Resistance start induction run

(2) RSCR

Resistance start capacitor run

(3) CSIR

Capacitor start induction run

(4) CSCR/CSR

Capacitor start capacitor run

(5) PSC

Permanent split capacitor

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(1) RSIR

Resistance start induction run

(2) RSCR

Resistance start capacitor run

(3) CSIR

Capacitor start induction run

(4) CSCR/CSR

Capacitor start capacitor run

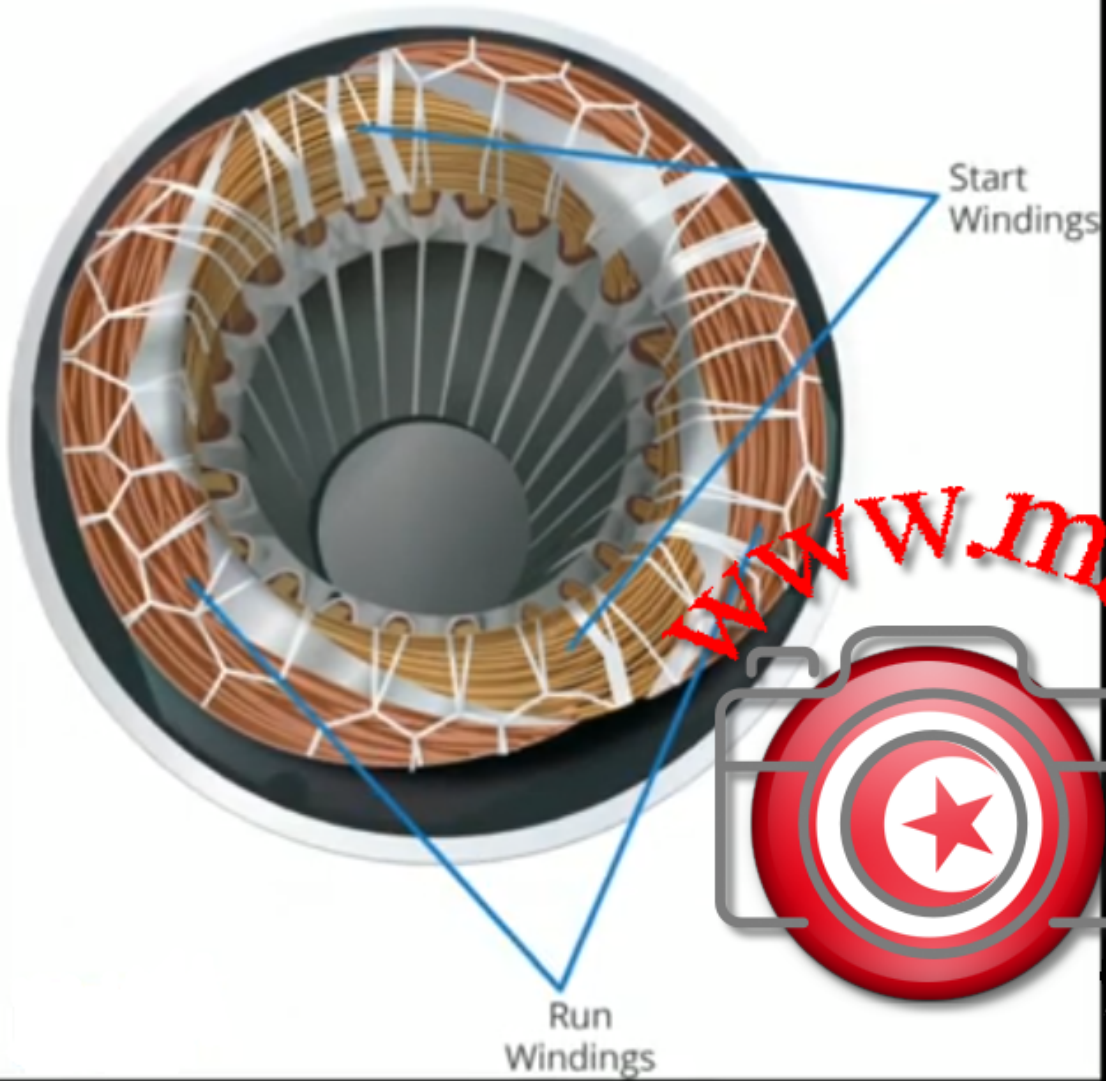
(5) PSC

Permanent split capacitor

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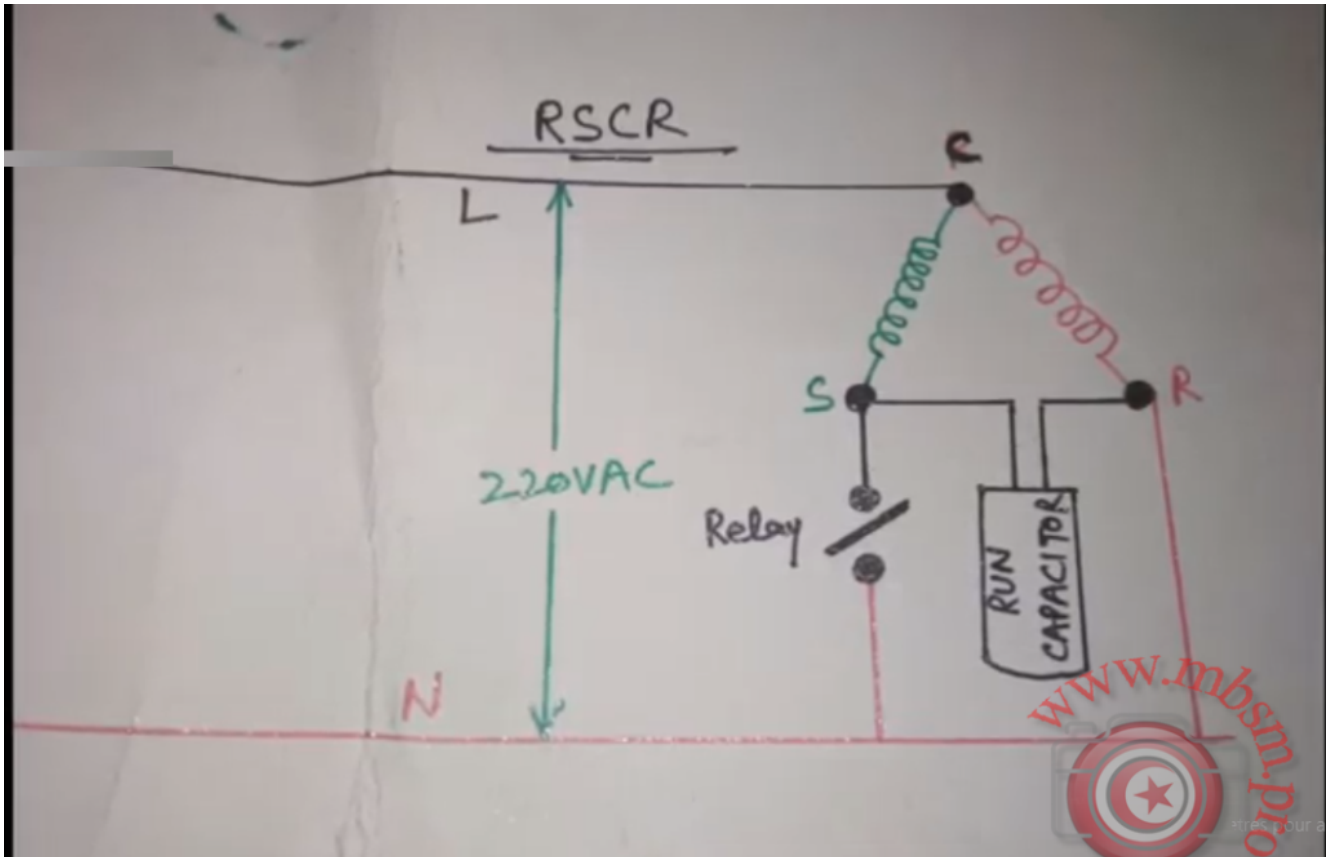
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Compressor Windings



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(4) CSCR/CSR

Capacitor start capacitor run

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Best quality Chinese Brand, 3/8HP, R134A compressor, refrigerator, QD128H, 260W, RSIR, copper wire compressor, LBP, 220-240V/50Hz, 325W cooling capacity

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Best quality Chinese Brand, 3/8HP, R134A compressor, refrigerator, QD128H, 260W, RSIR, copper wire compressor, LBP,

220-240V/50Hz, 325W cooling capacity

**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

**Types of Electrical Motors,
RSIR, CSIR, RSCR, CSR, PTC,**

NTC, LST, HST, MBP, HBP, LBP

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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 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.



Compressor, QD110, 3/10 HP, LBP, R12/R406, 276w, R12, R406

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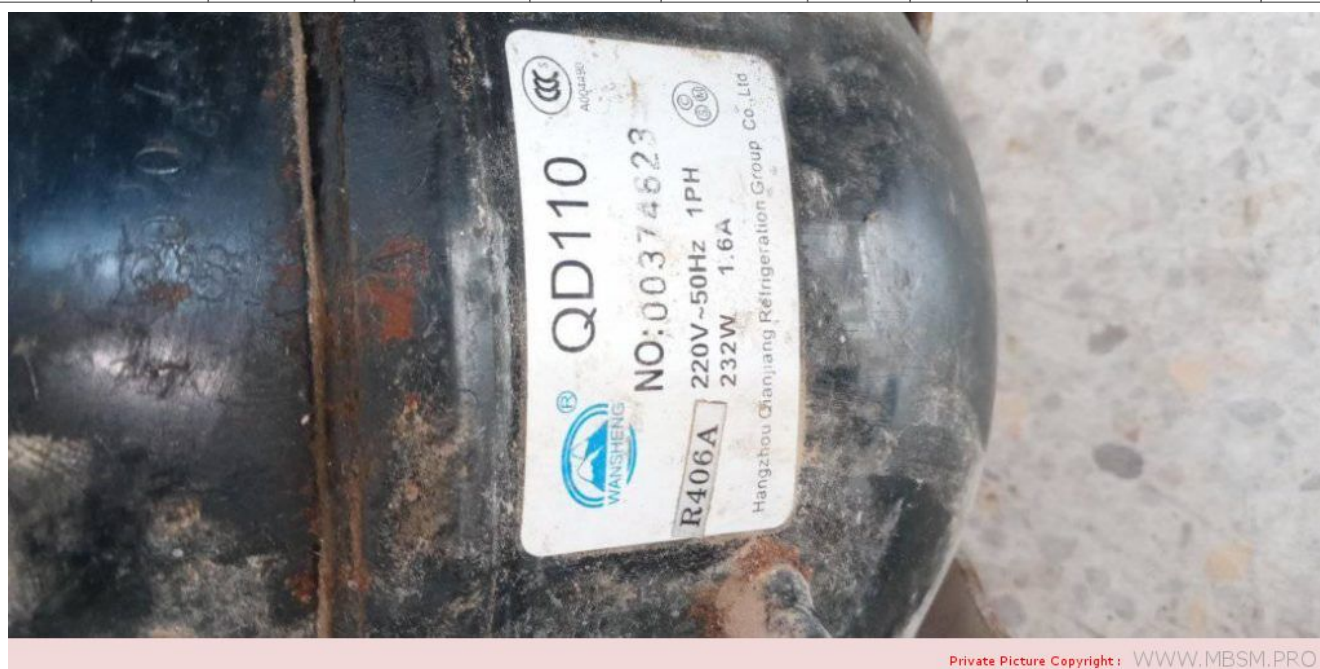
Quantité(Pièce)	1 – 30	31 – 70	71 – 150	>150
Durée estimée (jours)	5	10	15	À négocier

Tension: 220 V-240 V

50 HZ

Compresseur LBP R12/R406

Modèle	Valage	Fréquence	Déplacement	Capacité	Puissance d'entrée	Type de moteur	De charge d'huile	Type de refroidissement	Poids
	(V)	(Hz)	(CC)	(W)	(W)		(CC)		(Kg)
QD30	220-240	50	3.0	62	81	RSIR	180	ST	6.3
QD36	220-240	50	3.6	75	93	RSIR	180	ST	6.4
QD55	220-240	50	5.5	133	110	RSIR	240	ST	8.4
QD65	220-240	50	6.5	155	130	RSIR	240	ST	8.4
QD75	220-240	50	7.5	176	146	RSIR	240	ST	8.6
QD85	220-240	50	8.5	202	168	RSIR	240	ST	8.9
QD110	220-240	50	11.0	276	236	RSIR	240	ST	9.9
QD125	220-240	50	12.5	305	254	RSCR	280	ST	11.2



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R406a 220~240V/50Hz

LBP
低背压

序号 No.	应用类型 Application	产品系列 Serial	产品型号 type	马力 Hp	电压/频率 Power Supply (V/Hz)	电机类型 Motor type	制冷量 Capacity		COP Power Efficiency		启动器 Starting Device	启动电容 Starting Capacitor (μF)	运行电容 Running Capacitor (μF)	冷却方式 Cool
							ASHRAE (-23.3°C)	CECOMAF (-25°C)	ASHRAE (-23.3°C)	CECOMAF (-25°C)				
							w		COP (w/w)					
1	LBP 低背压	WT	QD55	1/6	220~240V ~50Hz	RSIR	130	98	1.04	0.81	PTC	/	/	S
2			QD65	1/5		RSIR	158	119	1.08	0.84		/	/	S
3			QD75	1/4		RSIR	176	132	1.09	0.85		/	/	S
4			QD85	1/4		RSIR	202	152	1.10	0.86		/	/	S
5			QD91	1/4		RSIR	216	162	1.12	0.87		/	/	S
6	LBP 低背压	WQ	QD110	3/10	220~240V ~50Hz	RSIR	271	203	1.17	0.91	重锤 Starting Relay	/	/	F
7			QD128	1/3		RSIR	306	230	1.18	0.92		/	/	F
8			QD142	2/5		CSIR	333	250	1.19	0.93		80	/	F
9	LBP 低背压	SC	QD168	1/2	220~240V ~50Hz	CSIR	380	330	1.15	1.06	电流式 Current	80	/	F2
10			QD180	1/2		CSIR	440	382	1.15	1.07		80	/	F2
11			QD210	3/5		CSIR	510	443	1.17	1.08		80	/	F2



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Reciprocating Compressors, Q Series, Reciprocating Fixed Speed, R134a, 100g, LBP, QA66C14GAX5, RSIR, 145W, 1/5HP, 170L

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MODEL QA66C14GAX5
220V ~ 50Hz 1PH R134a
THERMALLY PROTECTED
MATSUSHITA ELECTRIC IND. CO., LTD.
MADE IN MALAYSIA



Electrostar
الكتروستار

Model **ES170 T**

طراز

W **136** وات

A **1.12** أمبير

HZ **50**

تذبذبة

Ser No.



018018

ممسلسل

V

220

فولت

R134a **100 gm**

وزن وسيط
التبريد

Total Capacity 170 Lit.

Class T

صنع في مصر

**Compressor, Zanussi, HLY80AA,
1/7Hp, 220-240V 50Hz ~1,
R600a, ZEM, Low Back
Pressure, RSIR**

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Technical Data Sheet
Compressor model HLY80AAa
Voltage 220-240V 50Hz ~1
Refrigerant R600a

APPLICATION COMPRESSOR MOTOR

Application Low Back Pressure Displacement 8,10 cm³ Nominal Power 1/7 hp

Refrigerant R600a Diameter 24,29 mm Voltage/Frequency 220-240V 50Hz

Evaporating Temp. -35,0 °C to -10,0 °C Stroke 17,47 mm Voltage range 187-264 V

Expansion Capillar Net Weight 9,45 Kg Type RSIR

Comp. Cooling Static Oil type ISO VG 10 MINER Phase number 1 PH

Max. ambient temp. 43,0 °C Oil charge 205 cm³ Locked Rotor Amps (LRA) 8,60 A

Max. Cont. Current (MCC) 1,00 A

Main W. resist. at 25°C 22,02 Ω

Start W. resist. at 25°C 22,53 Ω

NOMINAL PERFORMANCE

ASHRAE CECOMAF

Cooling Capacity 113 kCal/h 99 W

COP 1,41 W/W 1,11 W/W

EER 1,22 kCal/Wh 0,96 kCal/Wh

Input Power 93 W 89 W

Current 0,62 A 0,60 A

TEST CYCLE CONDITIONS

ASHRAE CECOMAF

LBP (B) LBP (A)

Evaporating temp. -23,3 °C -25,0 °C

Condensing temp. 55,0 °C 55,0 °C

Liquid temp. 32,0 °C 55,0 °C

Ambient temp. 32,0 °C 32,0 °C

Suction temp. 32,0 °C 32,0 °C

Voltage/Frequency 220 V 50 Hz 220 V 50 Hz

ELECTRICAL COMPONENTS

Relay Option 1

Reference PTC K100

Voltage 200-240 V

Resistance 14.00 Ω

Protector Option 1 Option 2 Option 3 Option 4
Reference MSP318LZ 4TM189NFBYY T0462 AE37FJ
Current 5,90 A 5,50 A 6,20 A 5,90 A
Time check 7,5-14 seg 5-15 seg 7,5-14 seg 7,5-14 seg
Disc temp. (Open/Close) 120,00 / 61,00 °C 120,00 / 61,00 °C
110,00 / 62,00 °C 115,00 / 62,00 °C

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