

Mbsm.pro, Compressor, Huaguang, Wanbao, ETZ95, 9.6 cm³, RSCR, 165 w, 563 BTU, r600a, LBP

written by Lilianne | 24 March 2024



Mbsm.pro, Compressor, Huaguang, Wanbao, ETZ95, 9.6 cm³, RSCR,
165 w, 563 BTU, r600a, LBP

Mbsm.pro, Panasonic, Compressor, DB66C10RAW5, RSCR, 1/5 hp, Lbp

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Mbsm.pro, Panasonic, Compressor, DB66C10RAW5, RSCR, 1/5 hp, Lbp

Mbsm.pro, Compressor, SAMSUNG, SK182H-L2U, 1/4 hp++, 1/3 hp -, 236 w, 806 BTu, Rscr, lbp, r134 a

written by Lilianne | 24 March 2024



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Mbsm.pro, Compressor, SAMSUNG, SK182H-L2U, 1/4 hp++, 1/3 hp -,
236 w, 806 BTu, Rscr, lbp, r134 a

**Mbsm.pro, COMPRESOR, N1112dY,
1/6 Hp, N1116dY, 1/5 Hp, LBP,
JIAXIPERA, R-600a, 4 μ F,
RSCR, 220-240~/50**

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Mbsm.pro, COMPRESOR, N1112dY, 1/6 Hp, N1116dY, 1/5 Hp, LBP,
JIAXIPERA, R-600a, 4 μ F, RSCR, 220-240~/50

**Mbsm.pro, Compressor, LG,
LX67LABM, Refrigeration, 1/5**

HP, LBP, RSCR, 180 W, r134a


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Mbsm.pro, Compressor, LG, LX67LABM, Refrigeration, 1/5 HP,
LBP, RSCR, 180 W

**Mbsm.pro, LG, Compressor,
cma075laem, 1/4 Hp, rscr,
220-240 v, 50 hz, 185 kcal/h,
734 btu/h, 215 w, r134a,
Fixed Speed**

written by Lilianne | 24 March 2024

برچسب انرژی			انرژی
کمپرسور هرمتیک خانگی			
CMA075LAEM			
A B C D E F G			
(W/W)	COP	ضریب عملکرد	1.67
وات	ظرفیت برودتی کمپرسور		215.1
وات	توان ورودی کمپرسور		129

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Mbsm.pro, LG, Compressor, cma075laem, 1/4 Hp, rscr, 220-240 v, 50 hz, 185 kcal/h, 734 btu/h, 215 w, r134a, Fixed Speed

Mbsm.pro, Compressor, MGA51C84rLX, MGA51C68RPU, Panasonic compressor, M Series, Reciprocating Fixed Speed, 180 W, 1/5 Hp, RSCR, 220 V , r134a

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Mbsm.pro, Compressor, MGA51C84rLX, MGA51C68RPU, Panasonic
compressor, M Series, Reciprocating Fixed Speed, 180 W, 1/5
Hp, RSCR, 220 V , r134a

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

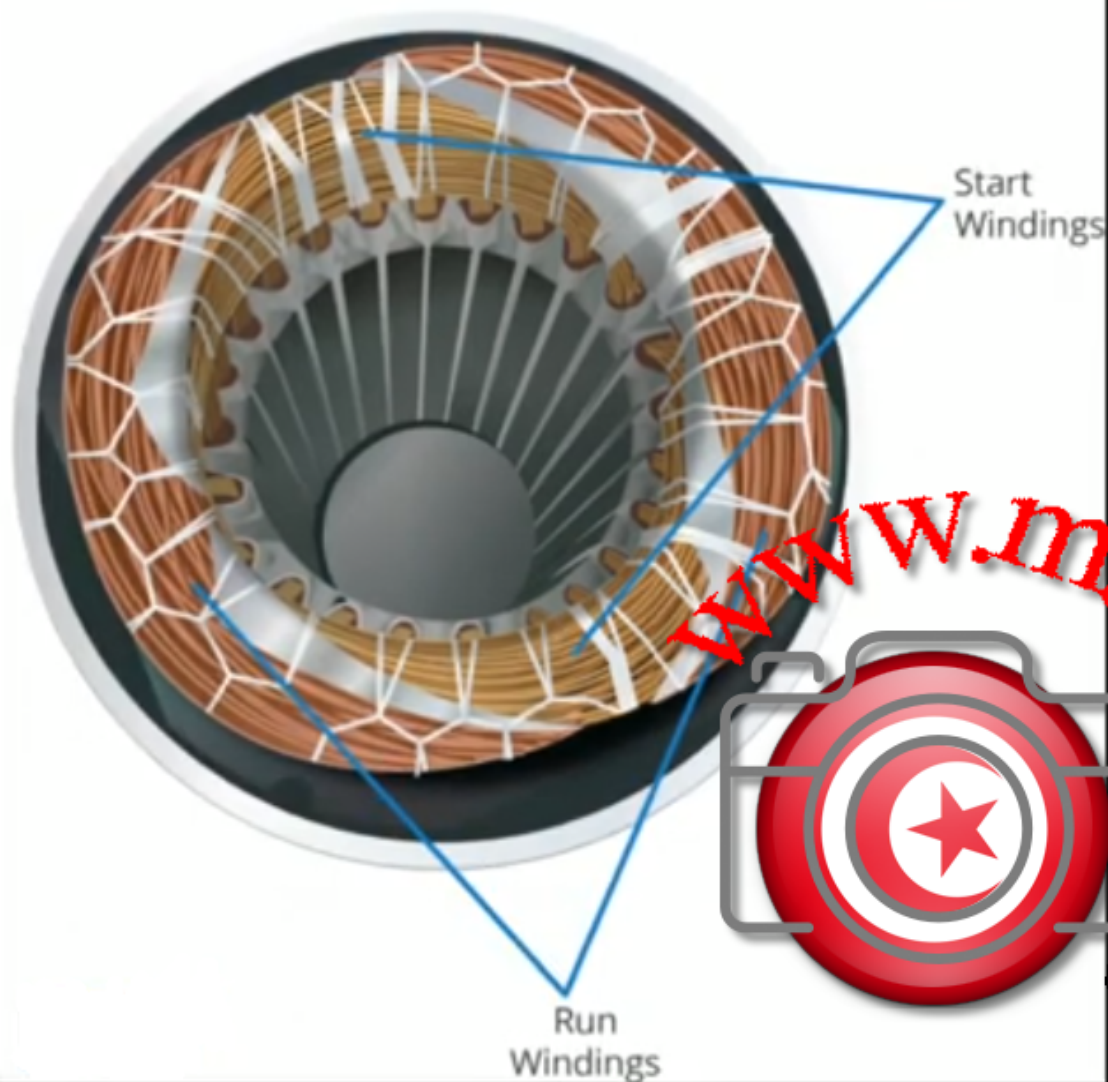
(5) PSC

Permanent split capacitor

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Compressor Windings



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(1) RSIR

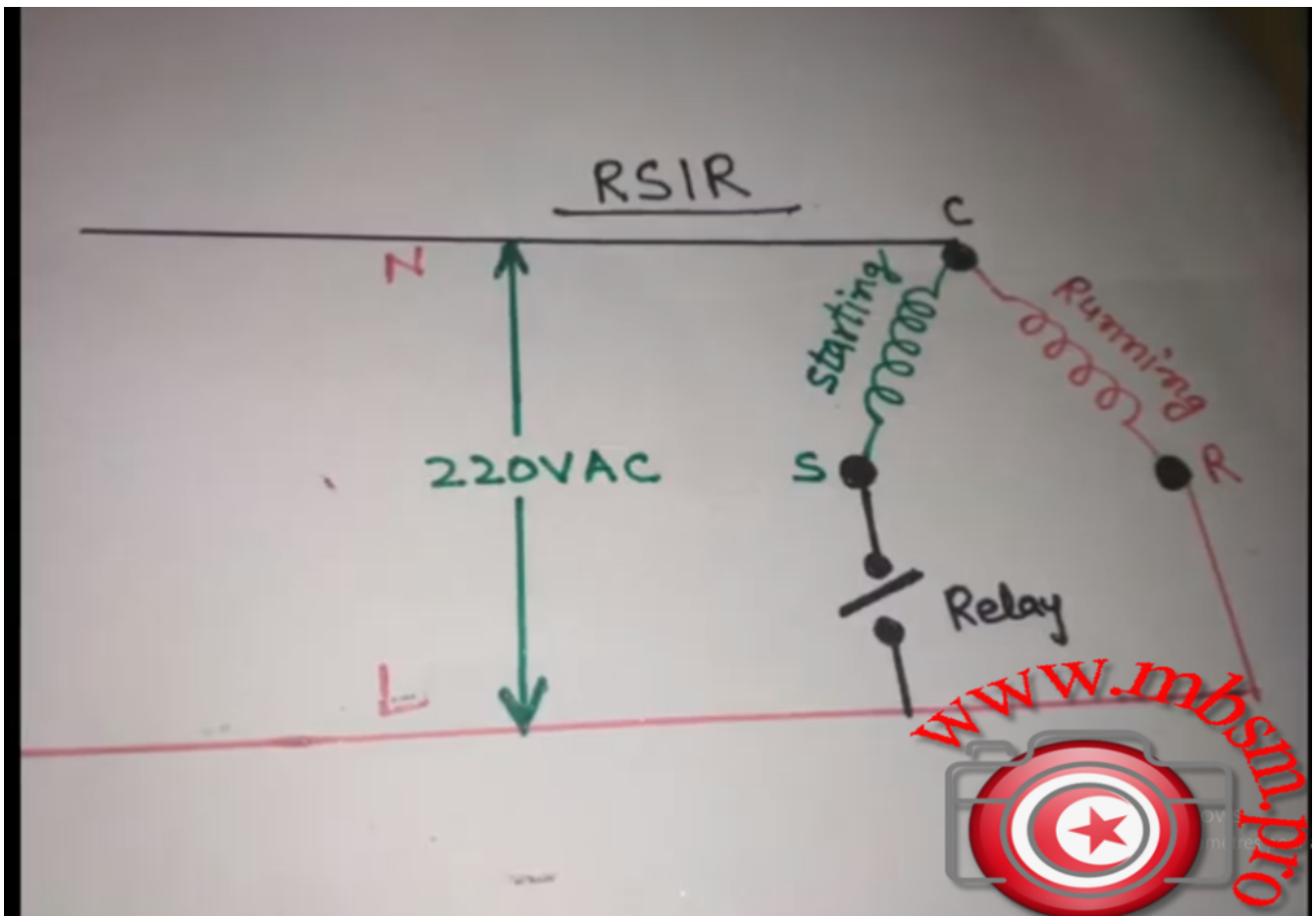
Resistance start induction run

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RSIR



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(2) RSCR

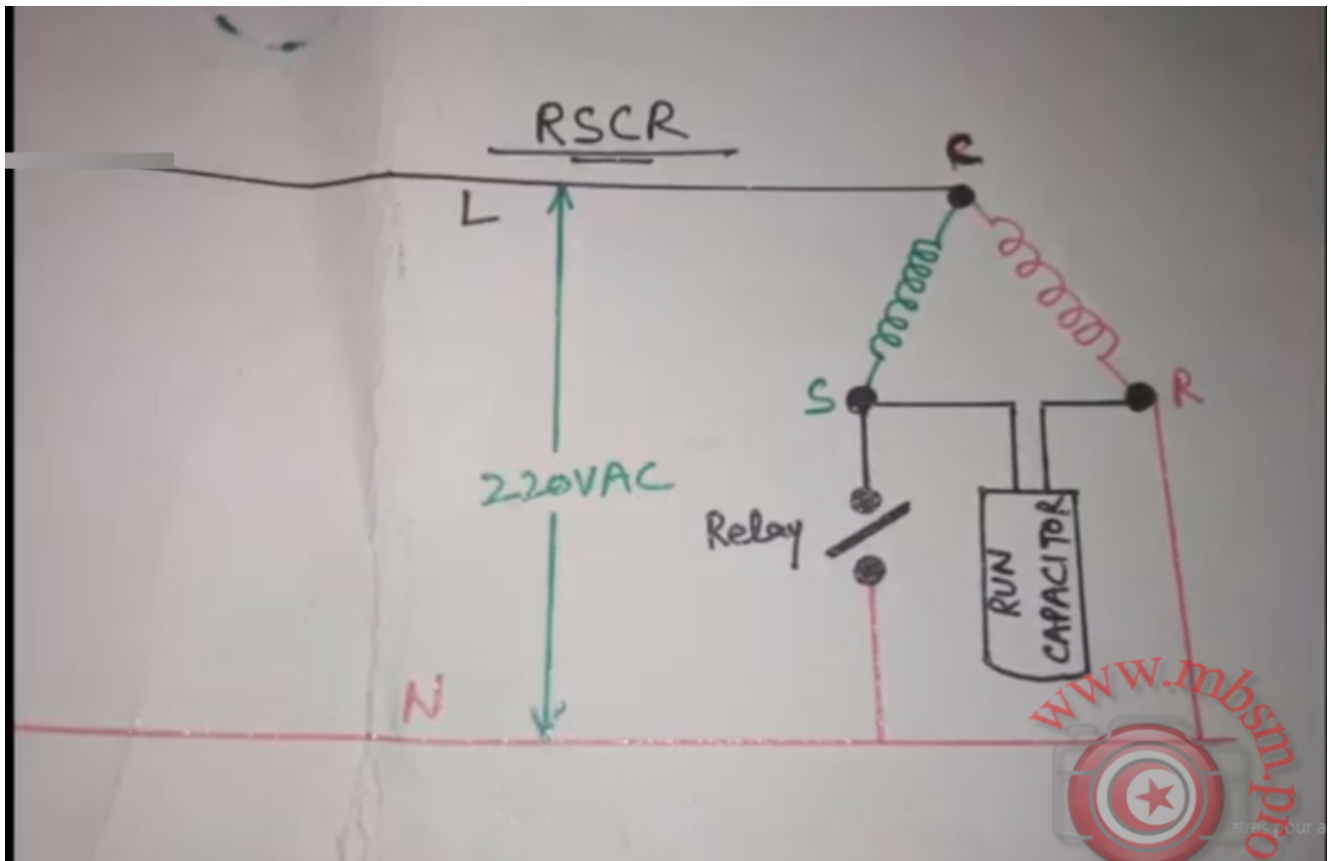
Resistance start capacitor run

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RSCR



Private Picture Copyright : WWW.MBSM.PRO



Private Picture Copyright : WWW.MBSM.PRO

(3) CSIR
Capacitor start induction run

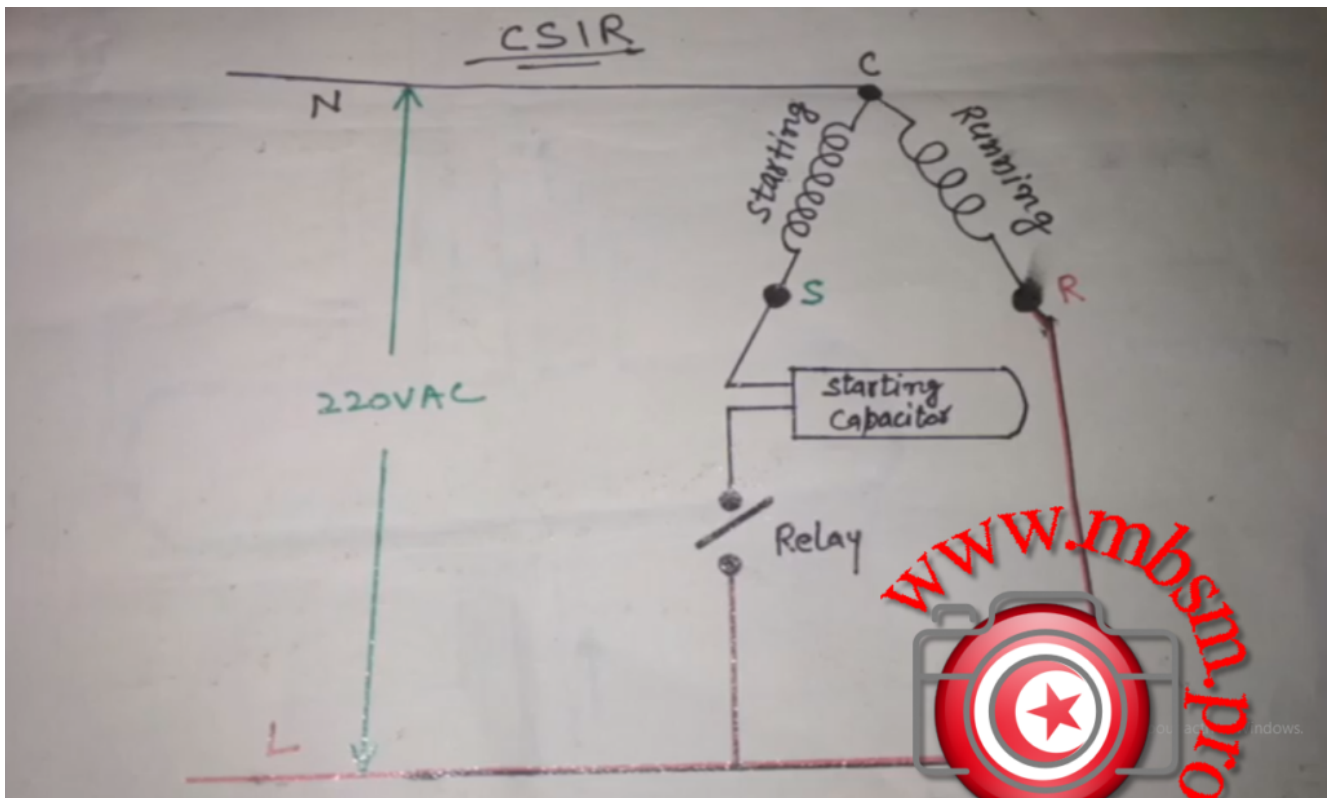
www.mbsm.pro

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CSIR



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(4) CSCR/CSR

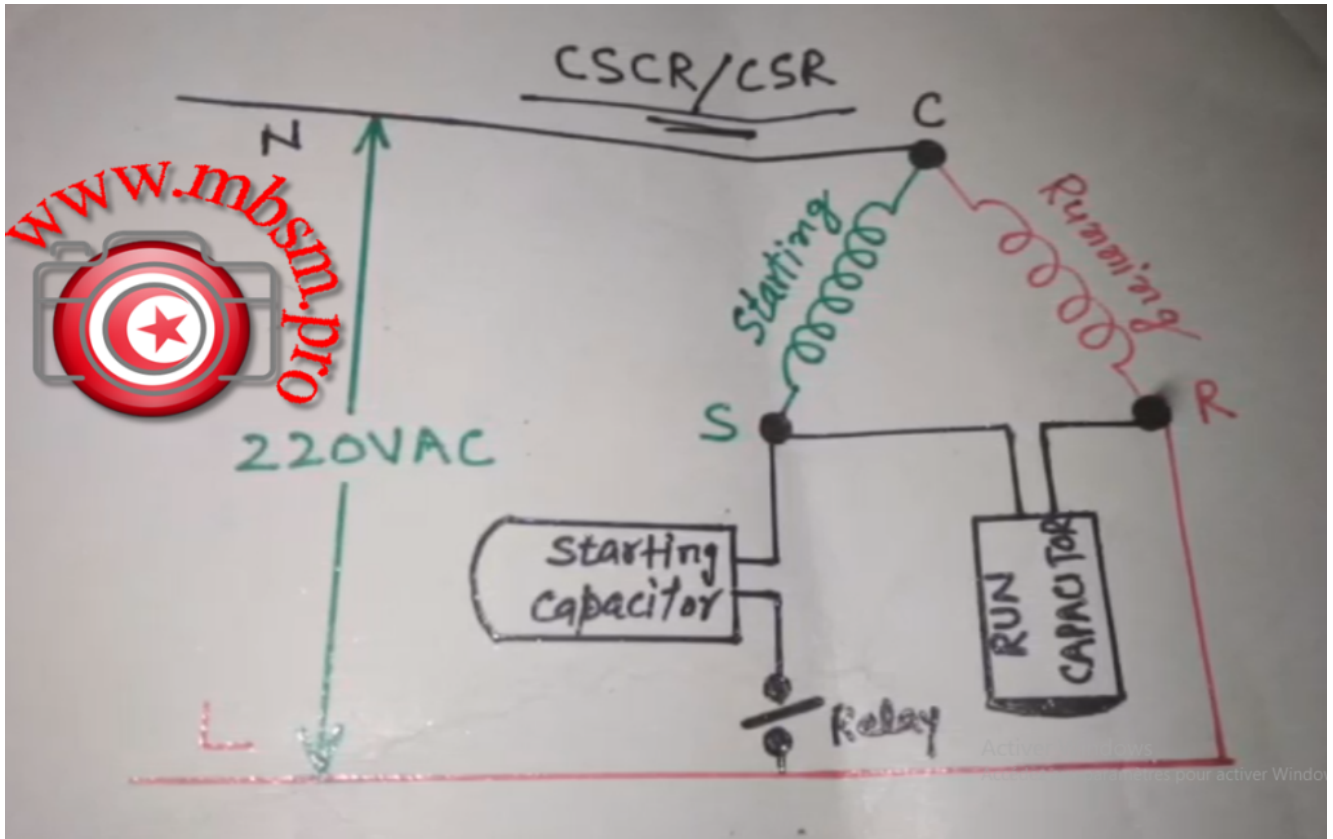
Capacitor start capacitor run

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CSCR/CSR



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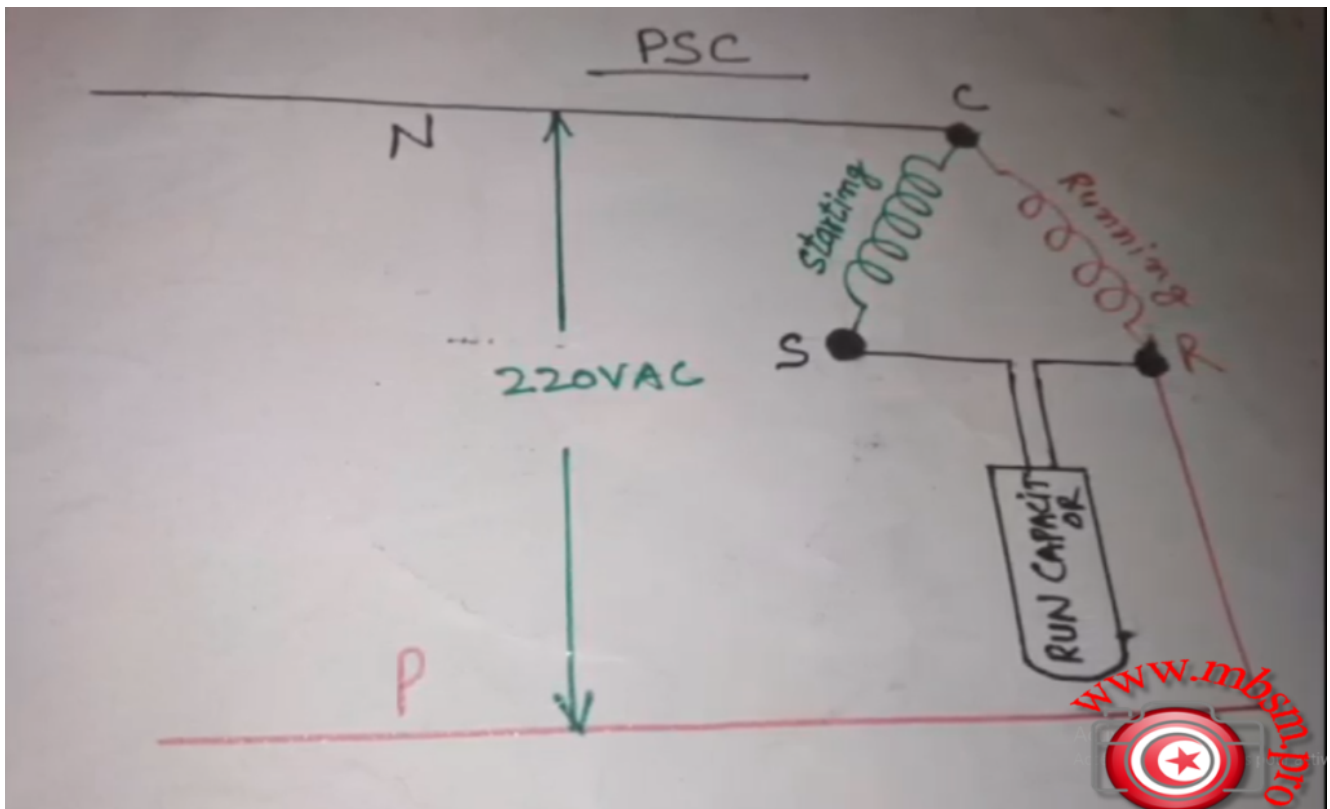
(5) PSC Permanent split capacitor

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PSC



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

written by Lilianne | 24 March 2024

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

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.



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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.

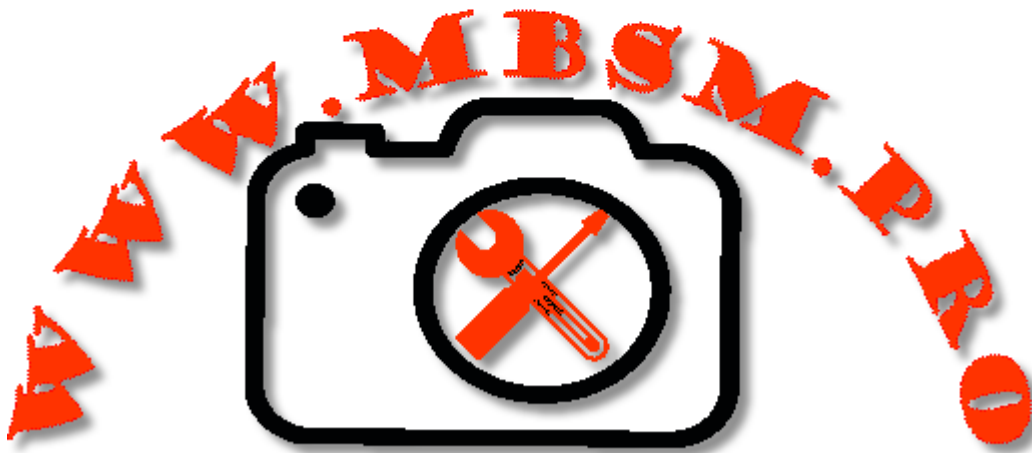
Type of starting device

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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.

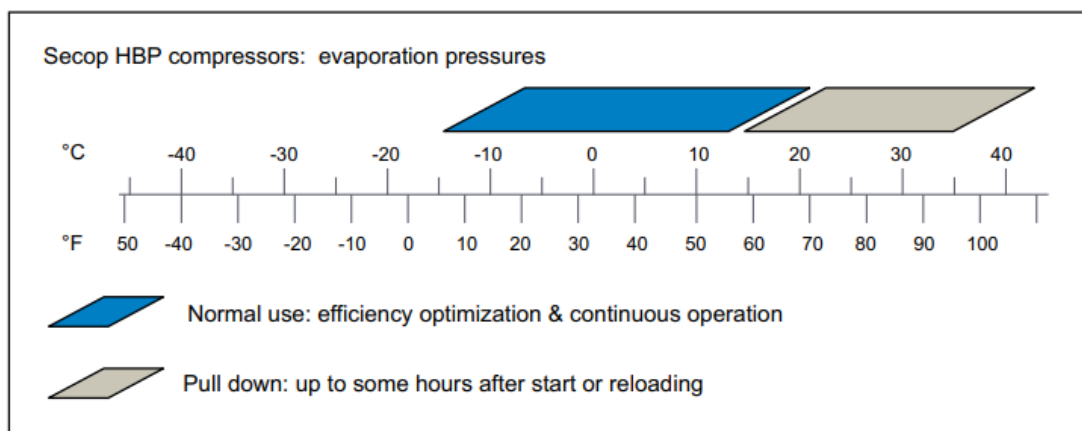
Type of torque

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.

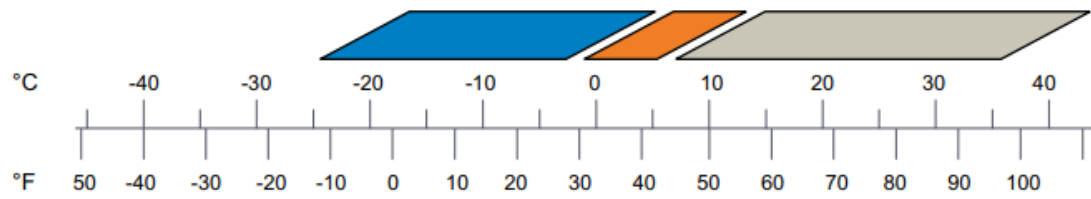





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Secop MBP compressors: evaporation pressures

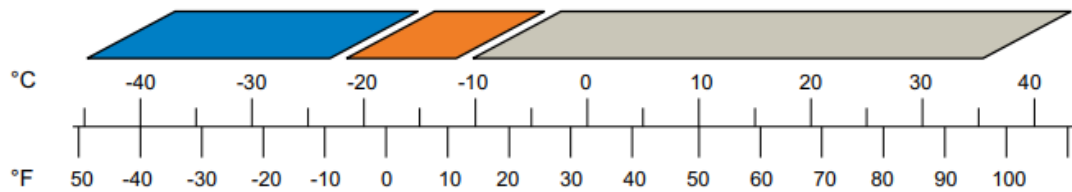





-  Normal use: efficiency optimization & continuous operation
-  High load: continuous operation
-  Pull down: up to some hours after start or reloading



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Secop LBP compressors: evaporation pressures



-  Normal use: efficiency optimization & continuous operation
-  High load: continuous operation
-  Pull down: short time operation (<60min.) after start or defrost



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Embraco, NBT1118Z, Refrigerator, Freezer, Compressor, 1/4 HP, R134a, LBP, RSCR

written by Lilianne | 24 March 2024

Réfrigérant: R-134a

Application: LBP

Fréquence: 50Hz

Déplacement: 8.40cm³ / 0.51in³

B.OM : 298BA

Tension / Fréquence: 220-240V 50Hz 1 ~

Type de moteur: Démarrage résistif Inductif Run-Resistive
Start Capacitive Run

LRA (A): 6.9

Dispositif d'expansion:

Lubrifiant capillaire : Charge: 350cm³, 6.2oz³;

Type: polyolester 10

Poids: 10,8 kg, 23,8

lb Hauteur maximale: 200,0 mm, 7,9 pouces

Type de refroidissement: (Refroidissement statique) – le compresseur n'a pas besoin de refroidissement forcé, mais il doit être

installé afin de garantir la circulation naturelle de l'air en convection,

pour éviter la surchauffe.

Capacité nominale / température d'évaporation, W / ° C (avec une température de température de 54,4 ° C): 150 / -30,204 / -25,271 / -20,352 / -15? 446 / -10,554 / -5

Capacité nominale / température d'évaporation, W / ° C (avec température ambiante de 45 ° C): 165 / -30, 220 / -25,289 /

-20,371 / -15? 468 / -10,579 / -5

Point nominal -23,3 ° C : Refroidissement: 225 W, 194 kcal / h;

W. entrée: 151W;

Courant: 0,60A;

EER: 1,49 W / W, 1,28 kcal / hW

Détails techniques

220/240V 50Hz

puissance 1/4L – cylindrée 8,40 cc

gaz R134a LBP

ASPERA

MONDIAL FRAMEC

Mondial FramecArmoireréfrigérée BRI0 ICE 4 SK, KIC N40 R134A
EBA210815, KIC NX40 R134A EBA210813

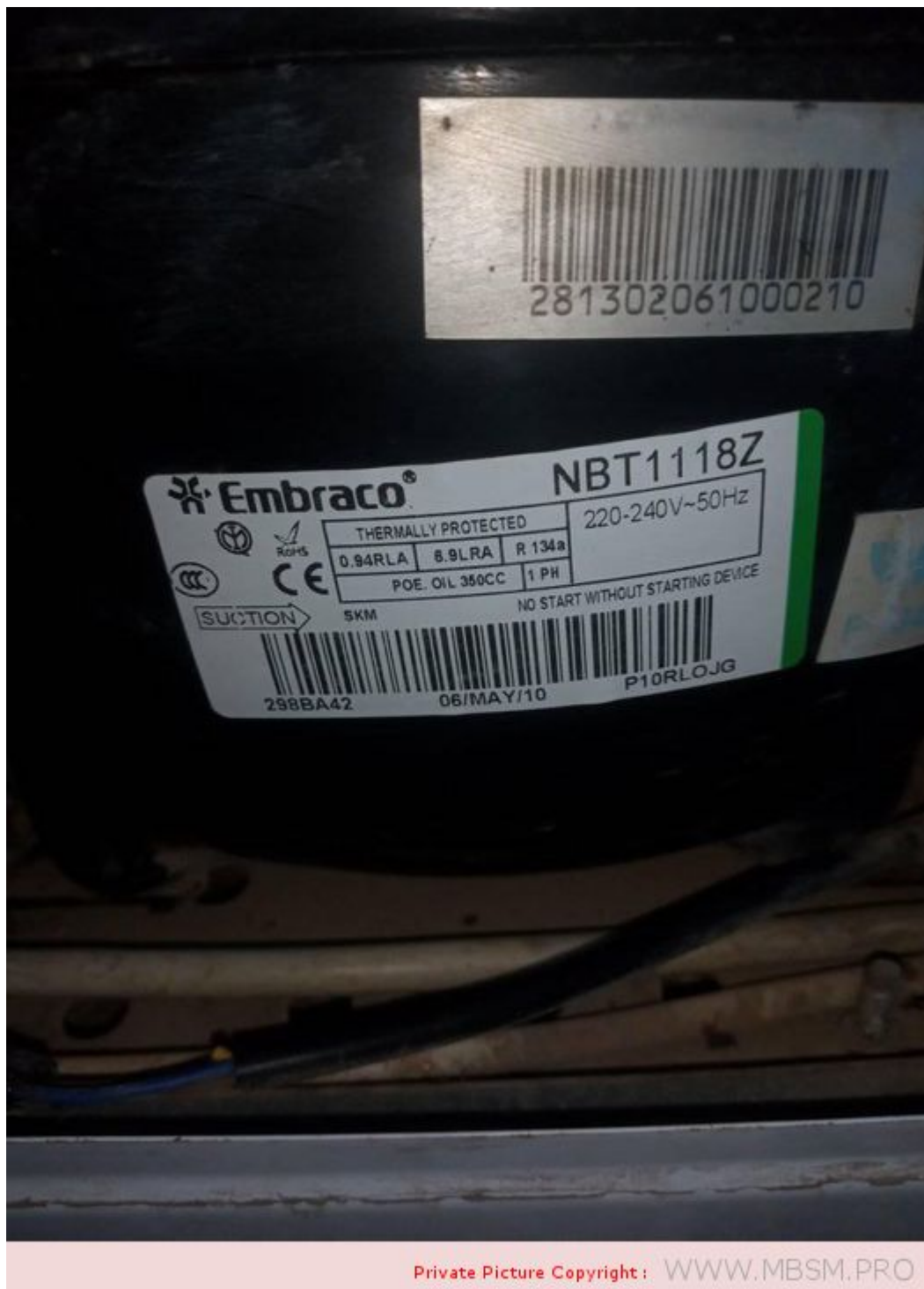
...et d'autres dispositifs

NBT1118Z-RSCR – ASPERA

NBT1118Z-RSCR – EMBRACO

LF3070231 – GEV – MONDIAL FRAMEC

...numéros de fabricant supplémentaires possibles



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