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

Category: compressor
written by www.mbsm.pro | 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

Category: compressor
written by www.mbsm.pro | 24 March 2024



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

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

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

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Mbsm.pro, Compressor, HML190a, 1/4 hp, zel, Lambda, LBP, RSCR, Freezing compressor, R600a, 190 w, 163 kcal/h, run capacitor 3 µF, aluminum wire

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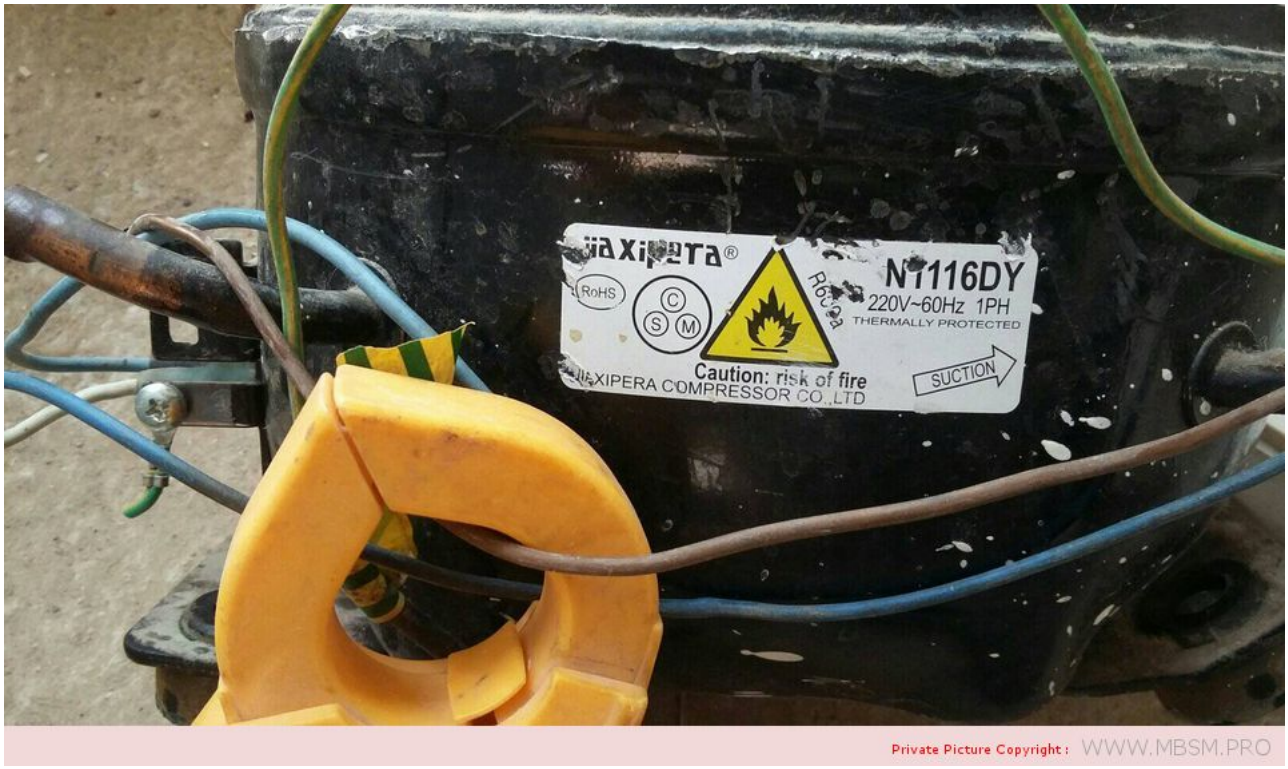


Mbsm.pro, Compressor, HML190a, 1/4 hp, zel, LBP, RSCR, Freezing compressor, R600a, 190 w, 163 kcal/h, run capacitor 3 µF, aluminum wire

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

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

Mbsm.pro, Compressor, LG, LX67LABM, Refrigeration, 1/5 HP, LBP, RSCR, 180 W, r134a

Category: compressor
written by www.mbsm.pro | 24 March 2024



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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

Category: compressor
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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

Category: compressor
written by www.mbsm.pro | 24 March 2024

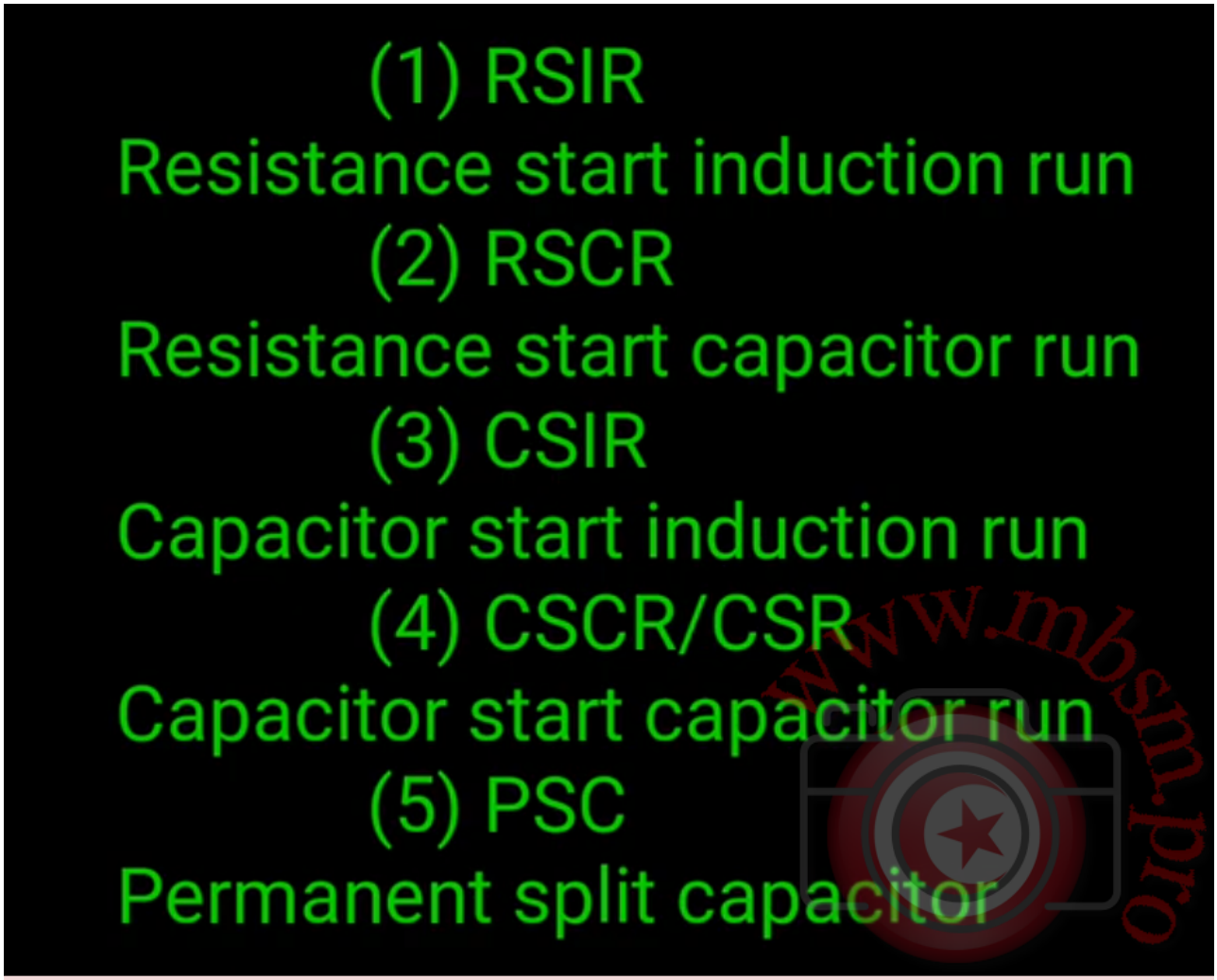


Mbsm.pro, Compressor, MGA51C84rLX, MGA51C68RPU, Panasonic compressor, M Series, Reciprocating Fixed Speed, 180 W, 1/5 Hp, RSCR, 220 V , r134a

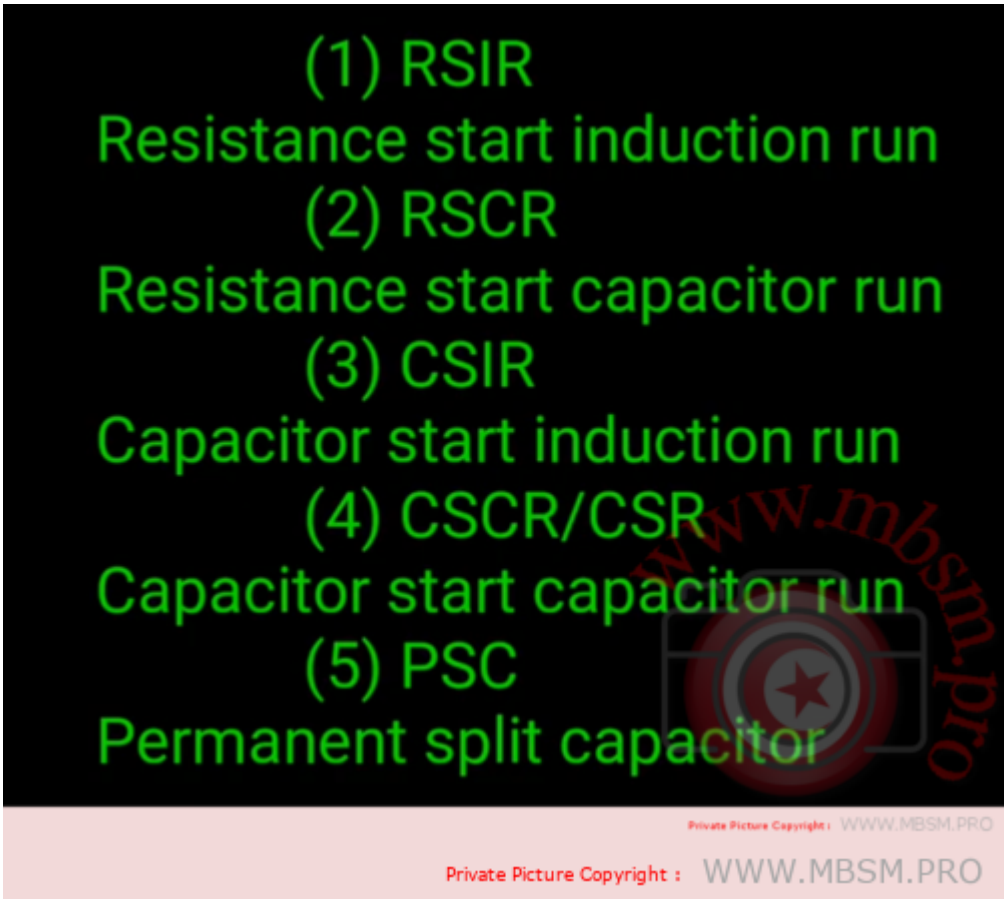
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Mbsm.pro, Motor, compressor, type, RSIR, RSCR, CSIR, CSCR, PSC

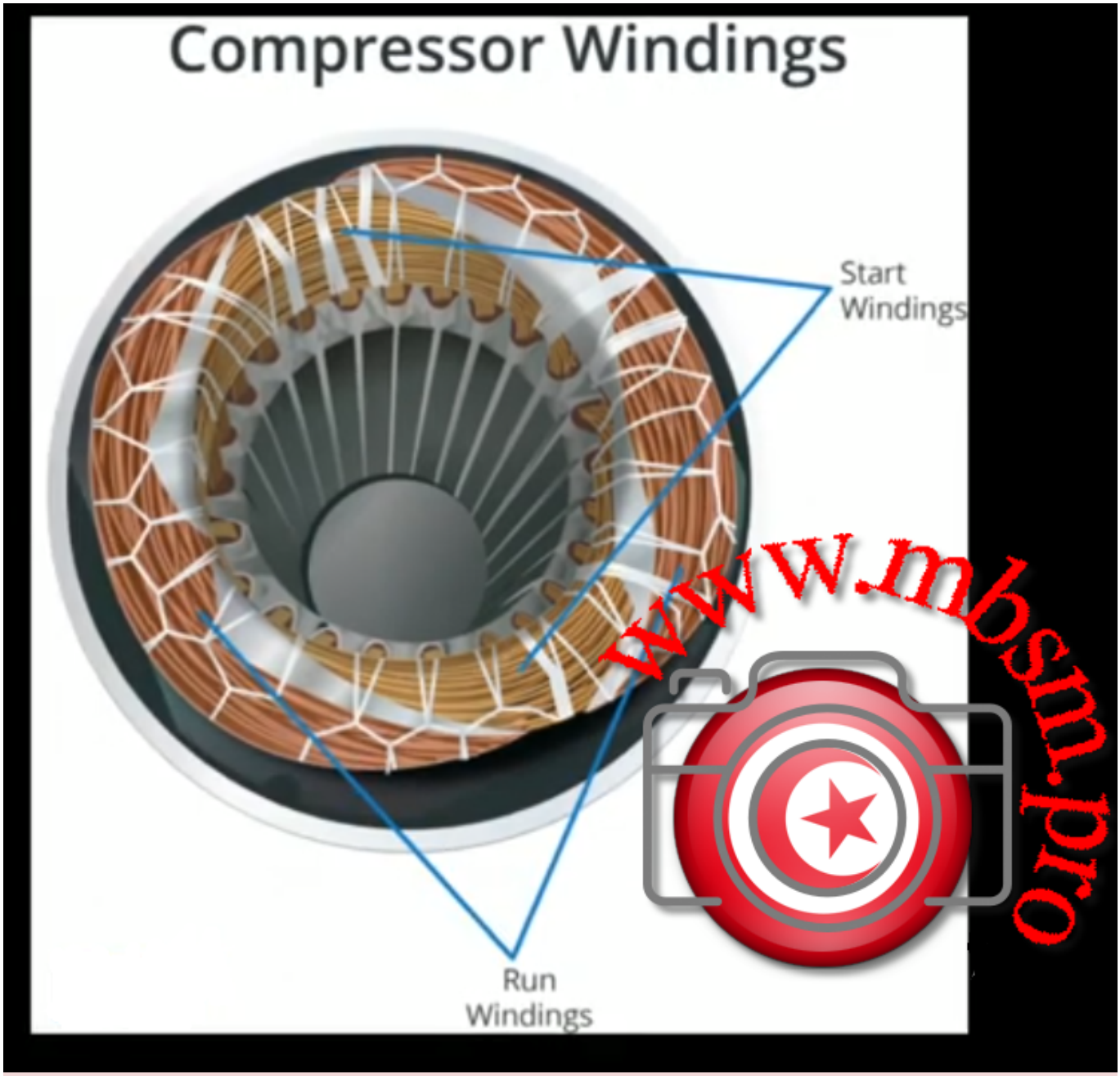
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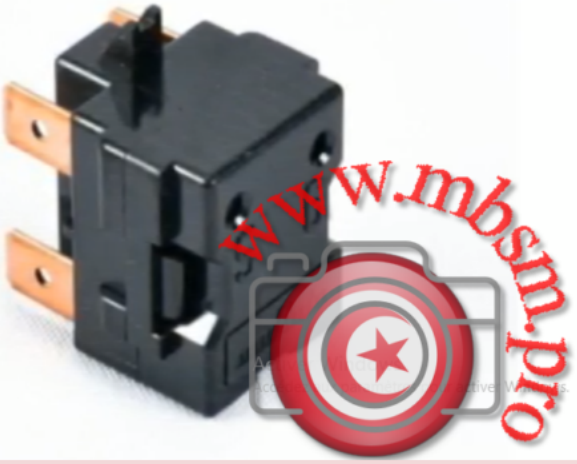
www.mbsm.pro

(1) RSIR
Resistance start induction run

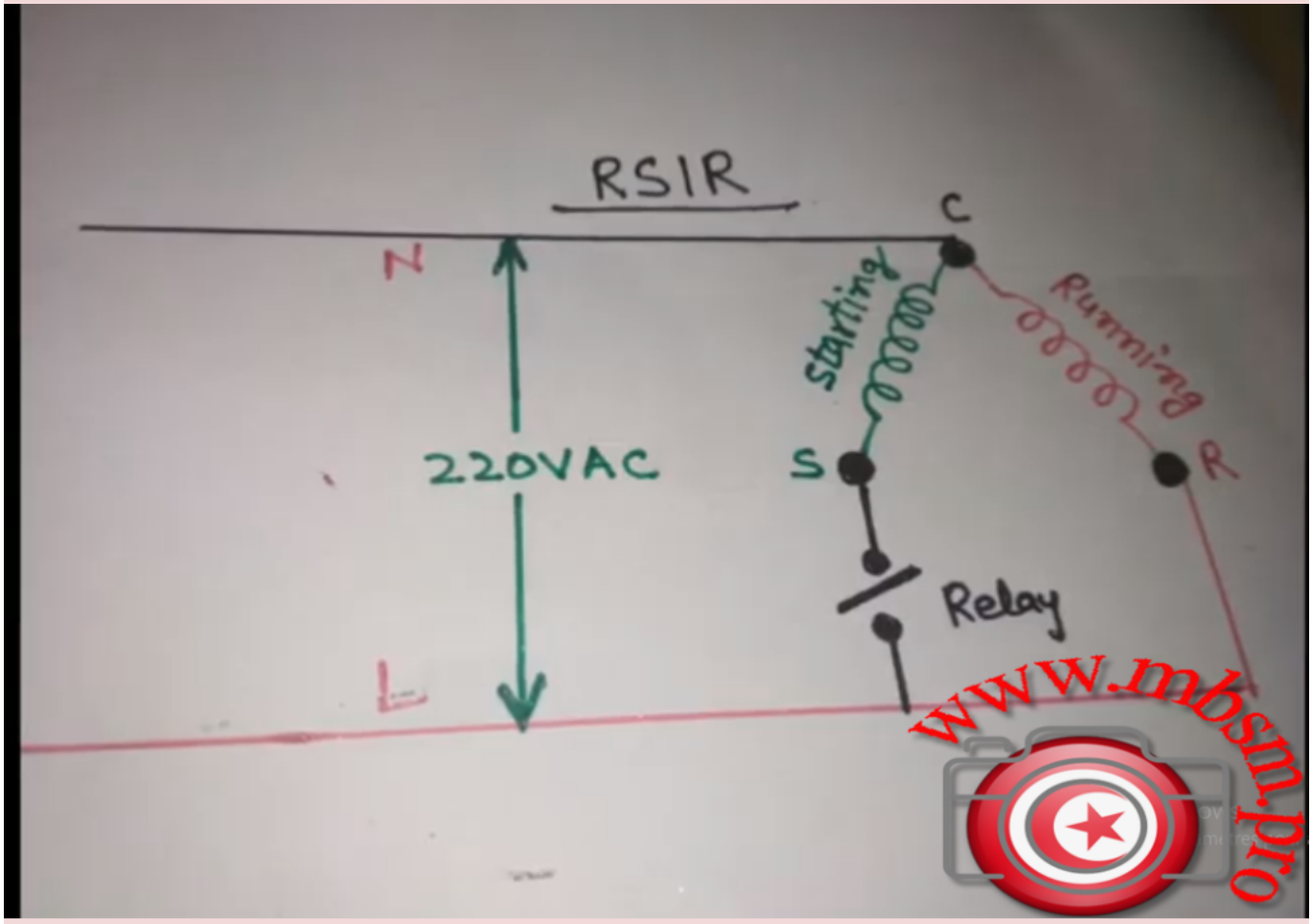
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RSIR





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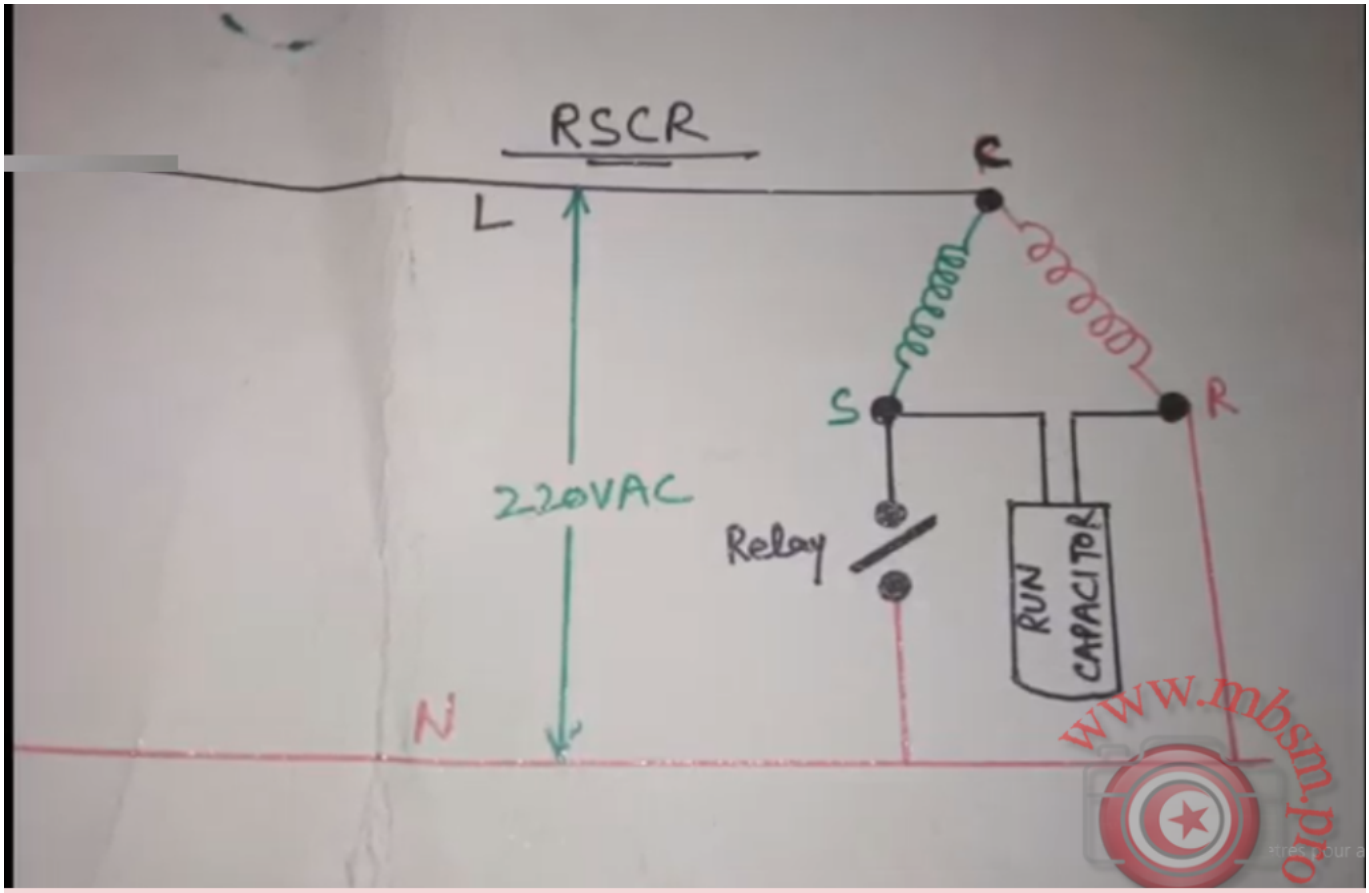
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(2) RSCR
Resistance start capacitor run

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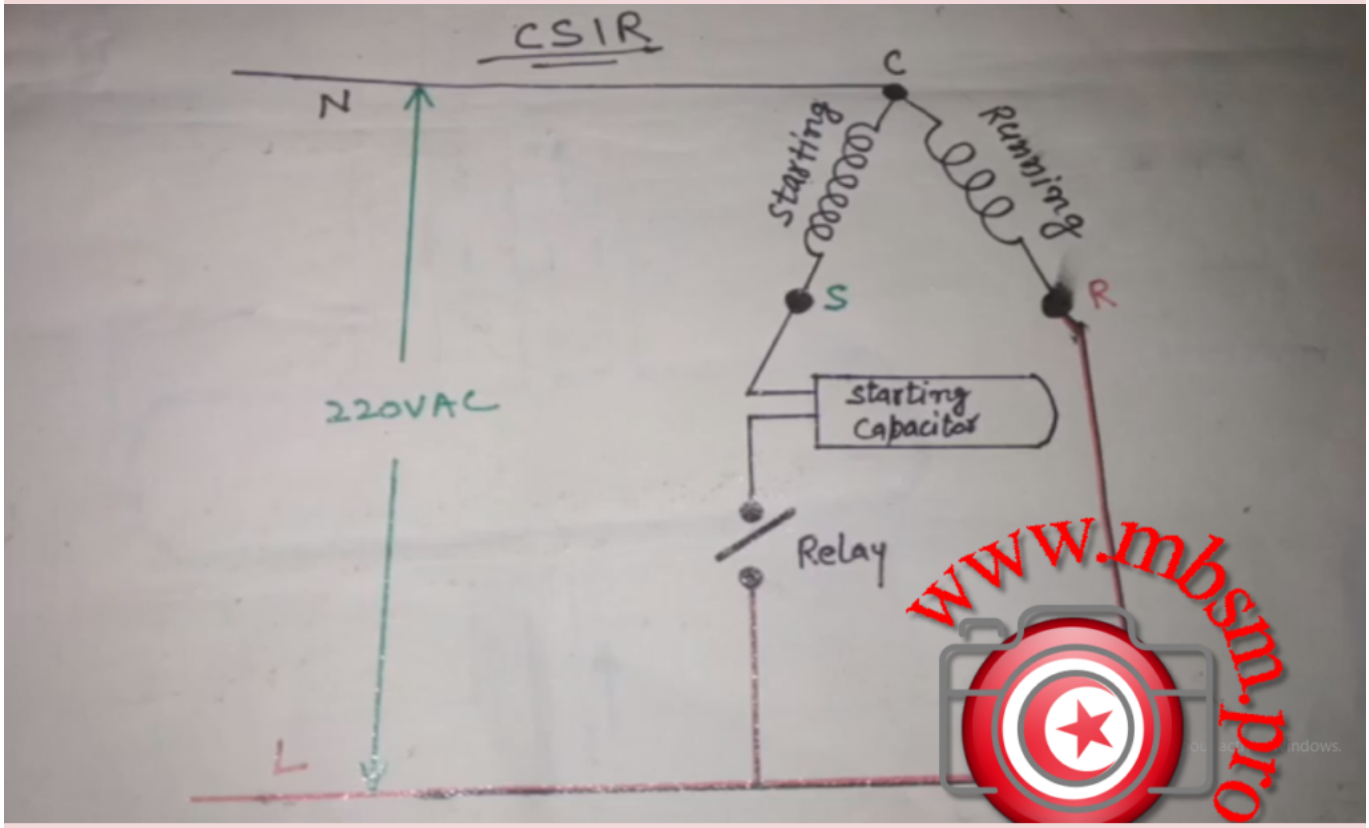


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CSIR



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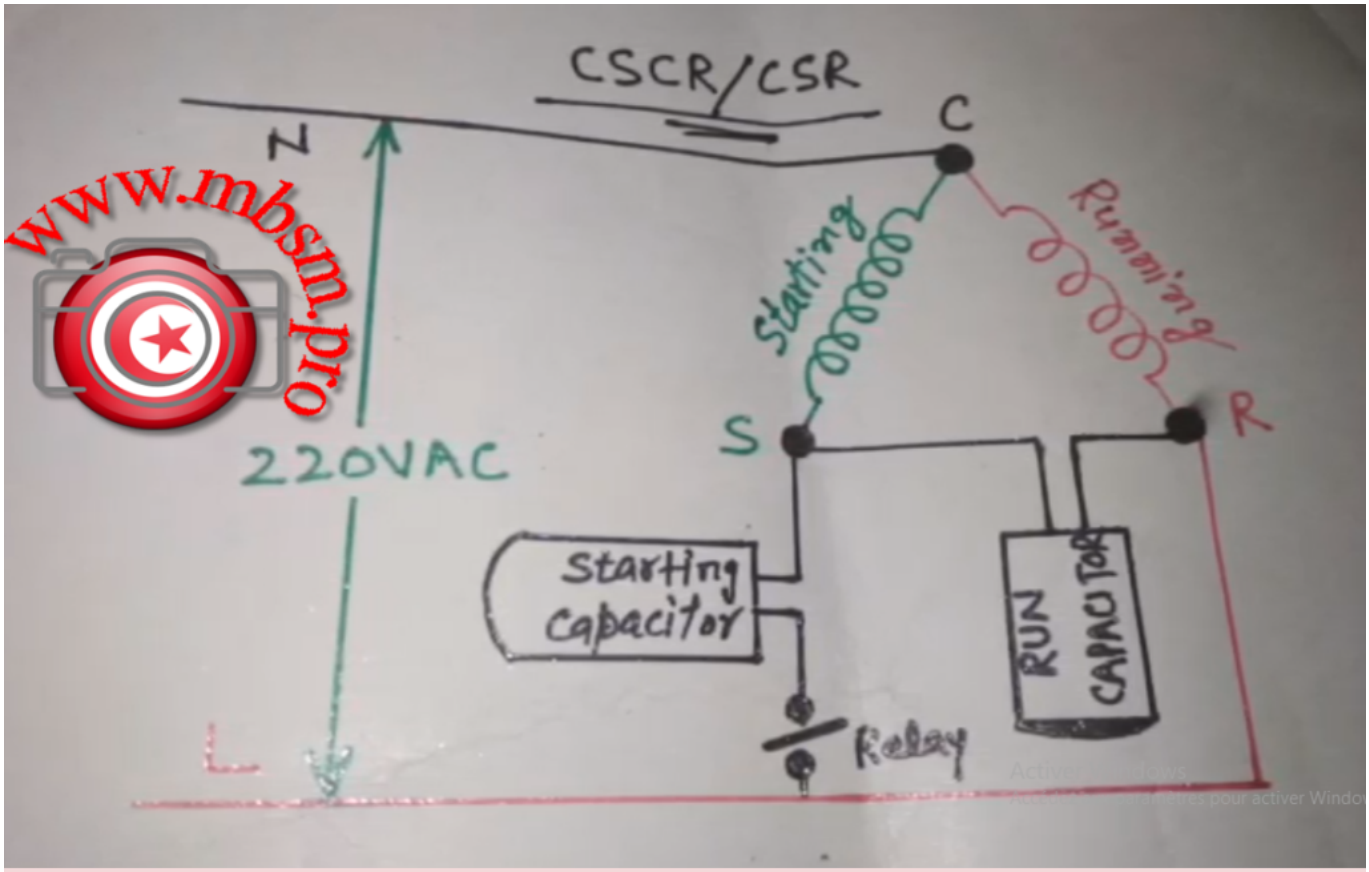
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(4) CSCR/CSR
Capacitor start capacitor run

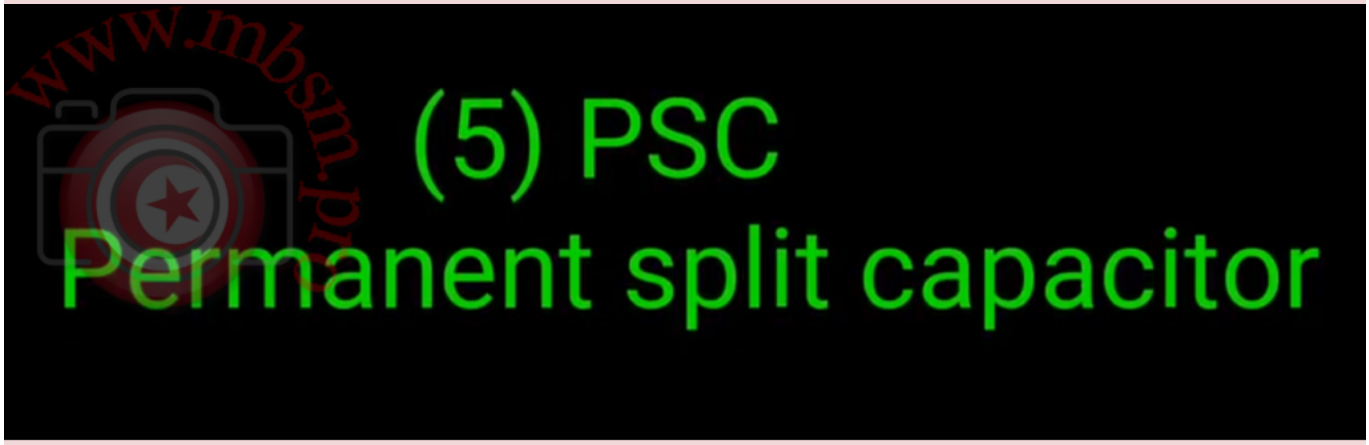
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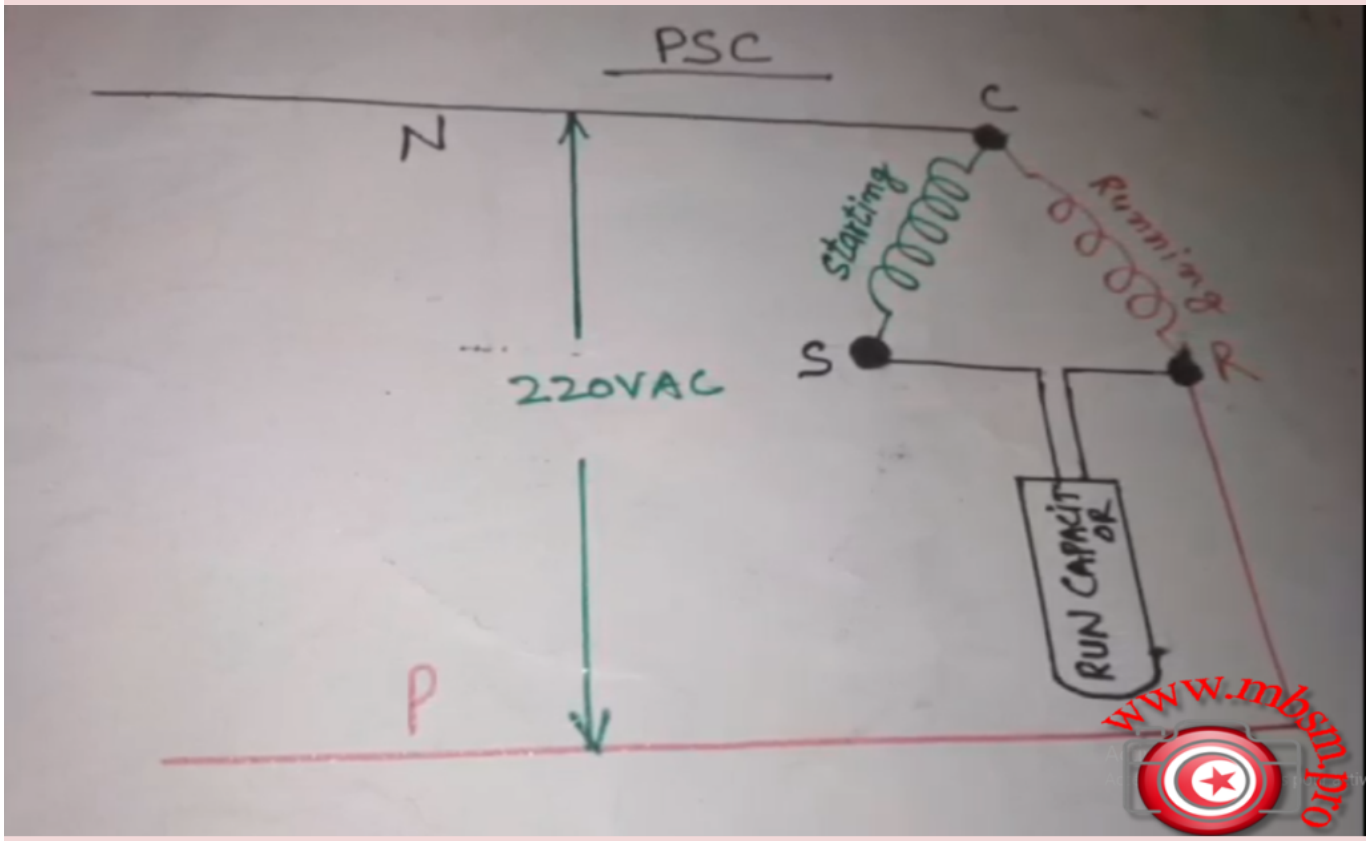
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PSC





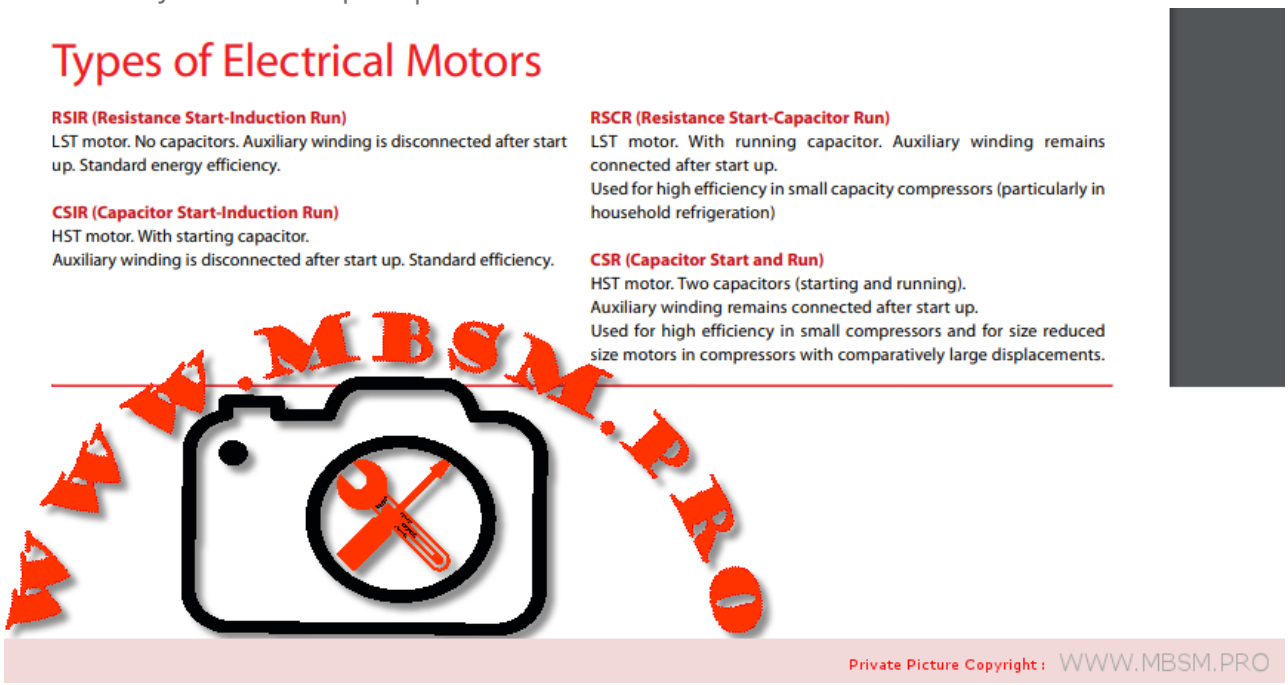
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Types of Electrical Motors, RSIR, CSIR, RSCR, CSR, PTC, NTC, LST, HST, MBP, HBP, LBP

Category: compressor,Files
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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

Types of Electrical Motors

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LST motor. No capacitors. Auxiliary winding is disconnected after start up. Standard energy efficiency.

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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.

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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.

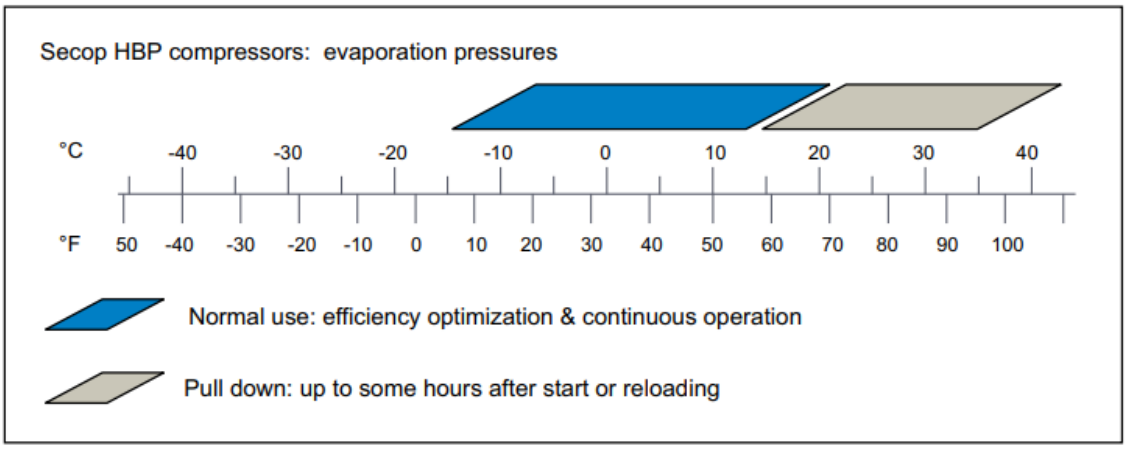
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LST – Low Starting Torque – Systems with capillary tube or balanced pressures at start up.

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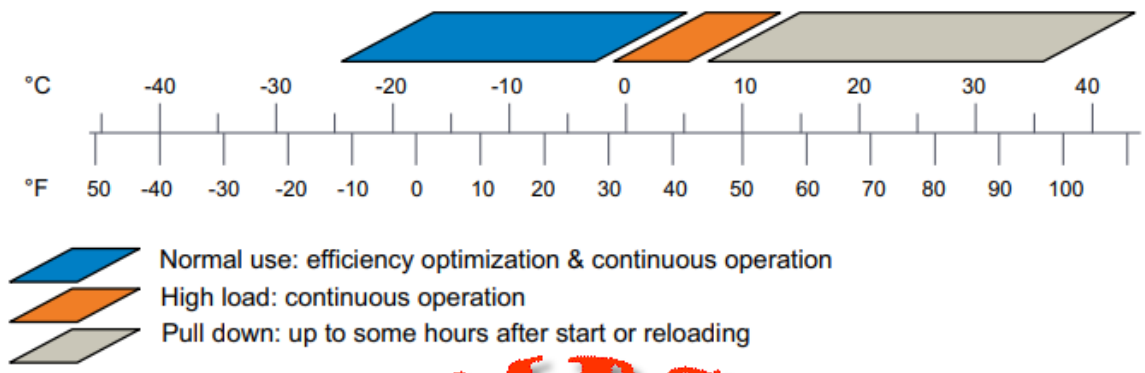


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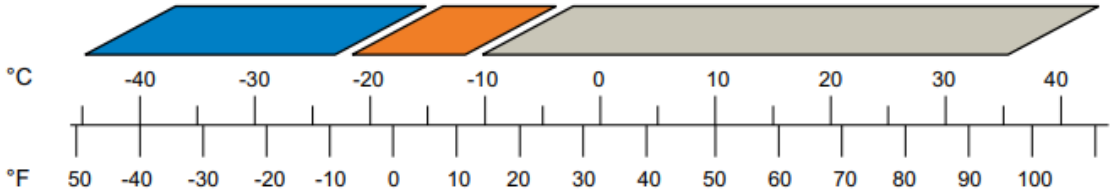
Secop MBP compressors: evaporation pressures



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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