



Mbsm.pro, Table, starting, capacitors, compressor

Category: compressor
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| Capacidad (µf) | Aplicación |
|----------------|---------------------|
| 60 - 70 | Motores de 1/8 HP |
| 70 - 90 | Motores de 1/6 HP |
| 80 - 100 | Motores de 1/6 HP |
| 100 - 120 | Motores de 1/5 HP |
| 120 - 140 | Motores de 1 / 4 HP |



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Starting capacitors are essential for the smooth operation of compressor motors, providing the necessary torque to start single-phase systems. This guide explores the role of starting capacitors, how to calculate the correct capacitance, and troubleshooting tips to ensure optimal performance. Whether you're maintaining an HVAC system or working with industrial compressors, understanding starting capacitors is key to improving efficiency and extending equipment lifespan. Dive into the details to learn more!

Mbsm.pro, Understanding, Motor, Starting , Systems, for, Compressor

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TABLAS DE CARACTERISTICAS VARIOS SISTEMAS DE ARRANQUE Y PROTECCIÓN



| Model | Connect current(A) | Release current(A) | Overload current(A) | Applied Temperature℃ | Connect temperature℃ |
|-----------|--------------------|--------------------|---------------------|----------------------|----------------------|
| 117μ 2010 | 2 | 1.6 | 4 | 105 ± 10 | 60 ± 10 |
| 117μ 2030 | 3 | 2.6 | 5 | | |
| 117μ 2040 | 4 | 3.6 | 6.5 | | |
| 117μ 2050 | 4.6 | 4.2 | 6.5 | | |



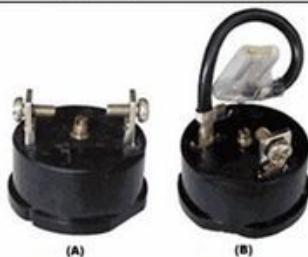
| The specification(HP) | 1/8 | 1/6 | 1/5 | 1/4 | 1/3 | 1/2 | 3/8 |
|---------------------------|-----|-----|------|------|------|------|------|
| Compressor power(W) | 93 | 125 | 150 | 180 | 245 | 375 | 275 |
| Max Connection current(A) | 3.0 | 3.6 | 4.25 | 4.75 | 5.30 | 6.50 | 6.0 |
| Min.release current(A) | 2.6 | 3.0 | 3.35 | 3.75 | 4.25 | 5.0 | 4.75 |



| Compressor power(HP) | Compressor power Model | Max connect current(A) | Minimum release current(A) |
|----------------------|------------------------|------------------------|----------------------------|
| 1/12 | B5A15 | 1.85 | 1.6 |
| 1/8 | B8A10 | 2.43 | 2.07 |
| 1/6 | B10A19 | 3 | 2.56 |
| 1/5 | B12A12 | 3.5 | 2.95 |
| 1/4 | B16A13 | 5.15 | 4.85 |
| 1/3 | B9A11 | 7 | 5.9 |



| The specification(HP) | 1/12 | 1/10 | 1/8 | 1/7 | 1/6 | 1/5 | 1/4 | 1/3 | 1/2 |
|------------------------|------|------|-----|-----|-----|------|------|------|-----|
| Compressor power(W) | 61 | 74 | 93 | 105 | 125 | 150 | 180 | 245 | 370 |
| Max connect current(A) | 2 | 2.5 | 3 | 3.3 | 3.6 | 4.75 | 5.35 | 6 | 7.5 |
| Release current(A) | 1.6 | 2 | 2.6 | 2.8 | 3 | 3.35 | 4.25 | 4.75 | 6 |



| The specification(HP) | Overload current(A) | Movement temperature | Reply return temperature |
|-----------------------|---------------------|----------------------|--------------------------|
| 3 | 35 | 125±10℃ | 60 ± 10℃ |
| 5 | 40 | | |



| The specification | Compressor power | Overload current(A) | Applied temperature | Restored temperature |
|-------------------|------------------|---------------------|---------------------|----------------------|
| JRT4-2/3 | 450W(2/3HP) | 14 | 125-155℃ | 50-80℃ |
| JRT4-10 | 750W(1HP) | 16 | | |
| JRT4-13 | 975W(1.3HP) | 20 | | |
| JRT4-15 | 1100W(1.5HP) | 24 | | |
| JRT4-20 | 1500W(2HP) | 30 | | |

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Understanding the specifications of motor starting systems is crucial for optimizing performance and ensuring the longevity of your equipment. This guide provides a detailed breakdown of various motor starting systems, including their current ratings, temperature ranges, and power requirements. Whether you're working with compressors or other industrial machinery, this information will help you select the right system for your needs. Dive into the tables below to explore the key characteristics of each system and make informed decisions for your applications.