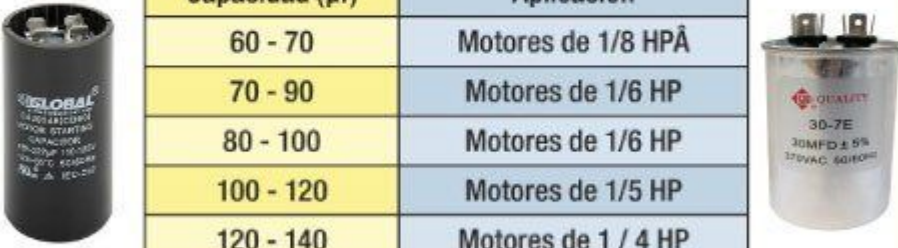


Mbsm.pro, Table, starting, capacitors, compressor

Category: compressor

written by Lilianne | 18 January 2025

TABLA DE CAPACITORES	
Capacidad (μ f)	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

Category: Chaud&Froid

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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 $^{\circ}$ C	Connect temperature $^{\circ}$ C
117 μ 2010	2	1.6	4	105 \pm 10	60 \pm 10
117 μ 2030	3	2.6	5		
117 μ 2040	4	3.6	6.5		
117 μ 2050	4.6	4.2	6.5		



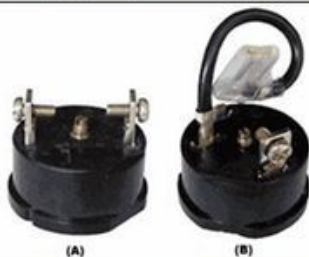
The specification(HP)	1/8	1/6	1/5	1/4	1/3	1/2	3/8
Compressor power(W)	93	125	150	180	245	375	275
Max Connection current(A)	3.0	3.6	4.25	4.75	5.30	6.50	6.0
Min.release current(A)	2.6	3.0	3.35	3.75	4.25	5.0	4.75



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 \pm 10 $^{\circ}$ C	60 \pm 10 $^{\circ}$ C
5	40		



The specification	Compressor power	Overload current(A)	Applied temperature	Restored temperature
JRT4-2/3	450W(2/3HP)	14	125-155 $^{\circ}$ C	50-80 $^{\circ}$ C
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.