

IronHorse AC Motor Capacitors/Switches

56C Frame TEFC Motors – Single-phase – 0.33 to 1.5 hp – Motor Accessories

Start Capacitors

Single-phase motors use capacitors to provide starting torque when power is first applied to the motor. AutomationDirect offers *spare/replacement* starting capacitors for our single-phase IronHorse motors.

Centrifugal Switches

The start capacitors are no longer needed once the motors begin turning, so they are then taken out of the circuit by a centrifugal switch. We also offer *spare/replacement* switches for our motors. One switch model is used for the entire line of single-phase IronHorse motors.

Run Capacitors

In addition to the start capacitors and centrifugal switches, IronHorse 1-1/2 hp single-phase motors also have run capacitors which allow the motors to develop higher running torque, greater efficiency, and improved power factor. We offer *spare/replacement* run capacitors for single-phase IronHorse motors.



Start Capacitor



Run Capacitor



Centrifugal Switch

Single-phase Motor Accessories							
Part Number	Accessory Type	Capacitance (µF)	Rated Voltage	Dimension Height x Ø (in [mm])	Applicable Motor Number	Motor HP	
MTA-CAP-01	start capacitor	200	125	3.15 x 1.65 [80.0 x 41.9]	MTR-P33-1AB18	1/3	
MTA-CAP-02		250	125		MTR-P50-1AB18 MTR-P75-1AB18	1/2 3/4	
MTA-CAP-03		300	125		MTR-001-1AB18	1	
MTA-CAP-04		250	165		MTR-1P5-1AB18	1-1/2	
MTA-CAP-06	run capacitor	40	450	4.02 x 1.75 [102.1 x 44.5]	MTR-1P5-1AB18	1-1/2	
MTA-CSW-01	centrifugal switch	n/a	250	n/a	all IronHorse single phase	all	

These accessories are spare/replacement components for single-phase IronHorse™ motors.