

IronHorse[®] AC Motor Accessories – 1-Phase

56C/56HC Frame TEFC Motors – 1-phase – 0.33 to 2 hp – Motor Accessories

Start Capacitors

1-phase motors use capacitors to provide starting torque when power is first applied to the motor. AutomationDirect offers *spare/replacement* starting capacitors for our 1-phase IronHorse motors.

Run Capacitors

In addition to the start capacitors and centrifugal switches, IronHorse 1-1/2 and 2 hp 1-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 1-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.

Stationary Switches

MTR2 series motors have a separate stationary switch that works with the centrifugal switch; both switches are required.

(MTR series motors have only the one centrifugal switch.)



Junction Box
MTAR-JBOX-56



Junction Box
MTA2-JBOX-56



Start Capacitor
MTA-CAP-02 **Run Capacitor**
MTA-CAP-06



Fan
MTAR-FAN-56



Fan
MTA2-FAN-56



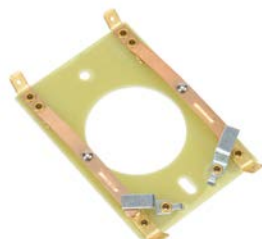
Centrifugal Switch **MTA-CSW-01**



Fan Shroud
MTAR-SHROUD-56



Fan Shroud
MTA2-SHROUD-56



Stationary Switch
MTA-CSW-04



Motor Base
MTAR-BASE-56



Motor Base
MTA2-BASE-56

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MTR Series 1-phase Motor Spare/Replacement Parts (NOT for MTR2 Motors) *								
Part Number	Price	Accessory Type	Capacitance (μF)	Rated Voltage	Dimension Height x Ø (in [mm])	Applicable MTR Motor Number	MTR Motor HP : RPM	
MTA-CAP-01	\$11.50	start capacitor	200	165	3.15 x 1.65 [80.0 x 41.9]	MTR-P33-1AB18	1/3 : 1800	
MTA-CAP-02	\$11.50	start capacitor	250			MTR-P50-1AB18	1/2 : 1800	
MTA-CAP-03	\$11.50	start capacitor	300			MTR-P75-1AB18	3/4 : 1800	
MTA-CAP-08	\$11.50	start capacitor	400			MTR-001-1AB18	1 : 1800	
MTA-CAP-09	\$11.50	run capacitor	35		4.0 x 1.8 [101 x 45]	MTR-1P5-1AB36	1-1/2 : 3600	
MTA-CSW-01	\$11.50	centrifugal switch	n/a	250	n/a	MTR-xxx-1AB18	all 1800 rpm	
MTA-CSW-02	\$11.50			MTR-1P5-1AB36		all 3600 rpm		
MTAR-BASE-56	\$13.50	motor base		n/a		n/a	MTR-xxx-1ABxx	all
MTAR-FAN-56	\$13.50	fan						
MTAR-JBOX-56	\$13.50	junction box						
MTAR-SHROUD-56	\$13.50	fan shroud						

* These accessories are spare/replacement components only for MTR series IronHorse motors.
Accessories for MTR series motors are not compatible with MTR2 series motors.

MTR2 Series 1-phase Motor Spare/Replacement Parts (NOT for MTR Motors) *							
Part Number	Price	Accessory Type	Capacitance (μF)	Rated Voltage	Dimension Height x Ø (in [mm])	Applicable MTR2 Motor Number	MTR2 Motor HP : RPM
MTA-CAP-10	\$19.00	start capacitor	200	165	2.80 x 1.46 [71.1 x 37.1]	MTR2-P33-1AB36	1/3 : 3600
MTA-CAP-11	\$20.00	start capacitor	300		MTR2-P33-1AB18	1/3 : 1800	
MTA-CAP-12	\$21.50	start capacitor	400		MTR2-P50-1AB36	1/2 : 3600	
MTA-CAP-13	\$30.50	start capacitor	500		MTR2-P50-1AB18	1/2 : 1800	
MTA-CAP-14	\$30.50	run capacitor	40	250	3.38 x 1.81 [85.9 x 46.0]	MTR2-P75-1AB36	3/4 : 3600
MTA-CAP-15	\$54.00	start capacitor	800	165	4.41 x 1.85 [112.0 x 47.0]	MTR2-001-1AB18	1 : 1800
MTA-CAP-22	\$58.00	start capacitor	900	165	4.375 x 1.8125 [111.1 x 46.0]	MTR2-001-1AB36	1 : 3600
MTA-CSW-03	\$15.75	centrifugal switch	n/a	125	n/a	MTR2-1P5-1ABxx	1-1/2 : 1800
MTA-CSW-04	\$15.75	stationary switch				MTR2-002-1ABxx	1-1/2 : 3600
MTA-CSW-08	\$15.75	centrifugal switch				MTR2-xxx-1AB36	all 3600 rpm
MTA2-BASE-56	\$17.50	motor base				MTR2-xxx-1ABxx	all
MTA2-FAN-56	\$17.50	fan	n/a	n/a	MTR2-xxx-1AB18	all 1800 rpm	
MTA2-JBOX-56	\$17.50	junction box					
MTA2-SHROUD-56	\$17.50	fan shroud					

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STABLE™ Motor Slide Bases

Mounting Slide Bases for 56 to 449T NEMA Motors Features

- Allows adjustment of motor mounting position
- Slide direction is perpendicular to motor shaft
- Double adjusting screws for frames 182T-449T
- Manufactured to precise dimensional standards
- Dimensionally interchangeable with existing major makes
- Heavy-duty steel construction
- Painted with oven-baked primer for better adhesion of customer's paint
- All "D" bolts (motor mounting bolts) are fixed to the exact motor foot pattern
- All "D" bolts are welded into position to prevent spinning and dropping from slots
- Nuts and washers are provided for securing the motor to the slide base



Screw adjustment moves Motor Mount bolts



STABLE Motor Slide Bases for 3-Phase Motors

Part Number	Price	Fits Frame Type	Product Wt. (lb)	Fits Motor						Drawing Links			
				IronHorse	Leeson®		Marathon						
					WashGuard®	micro-MAX ---- Max+	Black Max 230/460V ---- Black Max 575V	Blue Max ----- SyMAX	XRI GP & NEMA Premium ----- Jet Pump		Globetrotter		
MTA-BASE-W56 *	\$12.25	56*	2.8		112427.00								
					112428.00								
					112429.00								
					112430.00								
					113019.00								
					113023.00								
					113473.00							E2000	
					113586.00							D390	
					113590.00							G580	
					113591.00							D391	
					113649.00							G581	
					116644.00							K705	
					116645.00							D392	
					119468.00							G582	
					119469.00				Y500			K707	
					119471.00				Y502			D393A	
					119475.00				Y360	Y592(-A772)	SY001	K708A	
					119476.00				Y362	Y534(-A772)	SY003	G583A	
					119476.00				Y364	Y535(-A772)	SY004	K709A	
					119478.00				Y280	Y555(-A772)	SY005	D394A	
					119480.00				Y281	Y556(-A772)	SY035	K721A	
					119482.00				Y282			G584A	
					119483.00							D395A	
					191202.00							G585A	
					191204.00							K724A	
					191205.00							D396A	
	191206.00							K725A					
	191207.00							J066A					
	191208.00												
	191560.00												
	191561.00												
	191562.00												
	191563.00												
	191564.00												
	191569.00												
MTA-BASE-W143T	\$21.00	143T/TC	4.6	MTCP2-001-3BD18(C) MTCP2-1P5-3BD36	191487.00 191565.00	-	Y536(-A772)	-	E2001A E2003	-	PDF		

* IronHorse MTR2 56HC motors have double-punched bases to fit on slide base MTA-BASE-W56.