



MTR, MTR2, MTRJ Series 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.



Start Capacitor
MTA-CAP-02

Run Capacitor
MTA-CAP-06

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



Fan
MTAR-FAN-56



Fan
MTA2-FAN-56



Centrifugal Switch **MTA-CSW-01**



Stationary Switch
MTA-CSW-04



Fan Shroud
MTAR-SHROUD-56



Fan Shroud
MTA2-SHROUD-56



Motor Base
MTAR-BASE-56



Motor Base
MTA2-BASE-56



AC Motor Accessories – 1-Phase

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

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	\$0460:	start capacitor	200	165	3.15 x 1.65 [80.0 x 41.9]	MTR-P33-1AB18	1/3 : 1800	
MTA-CAP-02	\$0461:	start capacitor	250			MTR-P50-1AB18 MTR-P75-1AB18	1/2 : 1800 3/4 : 1800	
MTA-CAP-03	\$0462:	start capacitor	300			MTR-001-1AB18	1 : 1800	
MTA-CAP-08	\$0465:	start capacitor	400			MTR-1P5-1AB36 MTRJ-001-1AB36J	1-1/2 : 3600	
MTA-CAP-09	Retired	run capacitor	35		4.0 x 1.8 [101 x 45]	MTR-1P5-1AB36	1-1/2 : 3600	
MTA-CSW-01	Retired	centrifugal switch	n/a	250	n/a	MTR-xxx-1AB18	all 1800 rpm	
MTA-CSW-02	Retired			MTR-1P5-1AB36		all 3600 rpm		
MTAR-BASE-56	\$;0?d!:	motor base		n/a		MTR-xxx-1ABxx	all	
MTAR-FAN-56	Retired	fan						
MTAR-JBOX-56	Retired	junction box						
MTAR-SHROUD-56	\$0?e0:	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.

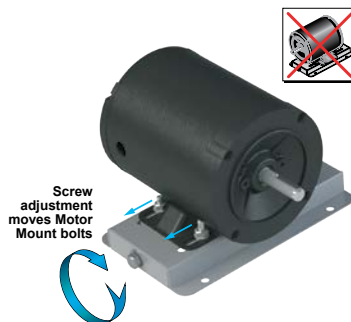
MTR2 Series 1-phase Motor Spare/Replacement Parts (NOT for MTR Motors)*								
Part Number	Price	Accessory Type	Capacitance (μF)	Rated Voltage	Dimension Height x Ø (in [mm])	Applicable MTR2/MTRJ Motor Number	MTR2/MTRJ Motor HP : RPM	
<u>MTA-CAP-10</u>	\$0?db:	start capacitor	200	165	2.80 x 1.46 [71.1 x 37.1]	<u>MTR2-P33-1AB36</u> <u>MTRJ-001-1AB36J</u>	1/3 : 3600 1 : 3600	
<u>MTA-CAP-11</u>	\$0?dc:	start capacitor	300		<u>MTR2-P33-1AB18</u> <u>MTR2-P50-1AB36</u> <u>MTRJ-1P5-1AB36J</u>	1/3 : 1800 1/2 : 3600 1 1/2 : 3600		
<u>MTA-CAP-12</u>	\$0?dd:	start capacitor	400		<u>MTR2-P50-1AB18</u> <u>MTR2-P75-1AB36</u> <u>MTRJ-002-1AB36J</u>	1/2 : 1800 3/4 : 3600 2 : 3600		
<u>MTA-CAP-13</u>	\$0?de:	start capacitor	500		<u>MTR2-P75-1AB18</u> <u>MTR2-001-1AB18</u> <u>MTR2-001-1AB36</u>	3/4 : 1800 1 : 1800 1 : 3600		
<u>MTA-CAP-14</u>	\$;0?df:	run capacitor	40	250	3.38 x 1.81 [85.9 x 46.0]	MTR2-1P5-1ABxx MTR2-002-1ABxx	1 1/2 : all 2 : all	
<u>MTA-CAP-15</u>	\$0?dg:	start capacitor	800	165	4.41 x 1.85 [112.0 x 47.0]	<u>MTRJ-1P5-1AB36J</u> <u>MTRJ-002-1AB36J</u>	1 1/2 : 3600 2 : 3600	
<u>MTA-CAP-22</u>	\$2eeh:	start capacitor	900	165	4.375 x 1.8125 [111.1 x 46.0]	<u>MTR2-1P5-1AB18</u>	1-1/2 : 1800	
<u>MTA-CAP-31</u>	\$5ax1:	start capacitor	150	165	3.39 x 1.85 [86.1 x 47.0]	<u>MTRJ-P33-1AB36J</u> <u>MTRJ-P50-1AB36J</u> <u>MTRJ-P75-1AB36J</u>	1/3 : 3600 1/2 : 3600 3/4 : 3600	
<u>MTA-CSW-03</u>	\$0?do:	centrifugal switch	n/a	125	n/a	MTR2-xxx-1AB36	all 3600 rpm	
<u>MTA-CSW-04</u>	\$0?dp:	stationary switch				MTR2-xxx-1ABxx	all	
<u>MTA-CSW-08</u>	\$0?du:	centrifugal switch				MTR2-xxx-1AB18	all 1800 rpm	
<u>MTA2-BASE-56</u>	\$0?d5:	motor base		n/a		n/a	MTR2-xxx-1ABxx MTRJ-xxx-1ABxx	all
<u>MTA2-FAN-56</u>	\$0?d6:	fan						
<u>MTA2-JBOX-56</u>	\$0?d7:	junction box						
<u>MTA2-SHROUD-56</u>	\$0?da:	fan shroud						

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

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



STABLE Motor Slide Bases for 3-Phase Motors

Part Number (MTA-BASE- xxx)	Price	Fits Frame Type	Product Wt. (lb)	Fits Motor						Drawing Links
				IronHorse	Leeson®	WEG (Part number ending in...)	Marathon			
					WashGuard®		microMAX, Max+, Black Max, Blue Max, SyMAX	XRI GP & NEMA Premium, Jet Pump	Globetrotter	
W56	\$0ea7:	56*	2.8	MTPM-P3x-1x18		(...)56-S (...)56C-S				PDF
				MTPM-P5x-1x18						
				MTPM-P7x-1x18						
				MTPM-0xx-1x18						
				MTPM-1xx-1x18						
				MTR(2)(P)-xxx-xxxxx*						
				MTRJ(P)-xxx-xxxxxx						
				MTSN-P33-3BD18						
				MTSN-P33-3BD18R						
				MTSN-P33-3BD36						
				MTSP-P33-3BD18						
				MTSP-P33-3BD18R						
				MTSP-P33-3BD36						
				MTSP-P33-3BD36R						
				MTSN-P50-3BD18						
				MTSN-P50-3BD18R						
				MTSN-P50-3BD36						
				MTSP-P50-3BD12						
				MTSP-P50-3BD18						
				MTSP-P50-3BD18R						
				MTSP-P50-3BD36						
				MTSP-P50-3BD36R						
				MTSN-P75-3BD18						
				MTSN-P75-3BD18R						
				MTSN-P75-3BD36						
				MTSP-P75-3BD12						
				MTSP-P75-3BD18						
				MTSP-P75-3BD18R						
				MTSP-P75-3BD36						
				MTSP-P75-3BD36R						
				MTSN-001-3BD18						
				MTSN-001-3BD18R						
				MTSN-001-3BD36						
				MTSP-001-3BD18						
				MTSP-001-3BD18R						
				MTSP-001-3BD36						
				MTSP-001-3BD36R						
				MTSN-1P5-3BD18						
				MTSN-1P5-3BD18R						
				MTSN-1P5-3BD36						
				MTSP-1P5-3BD18						
				MTSP-1P5-3BD18R						
				MTSP-1P5-3BD36						
				MTSP-1P5-3BD36R						
				MTSN-002-3BD18						
				MTSN-002-3BD18R						
				MTSN-002-3BD36						
				MTSP-002-3BD18						
				MTSP-002-3BD18R						
				MTSP-002-3BD36						
				MTSP-002-3BD36R						

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

STABLE™ Motor Slide Bases

STABLE Motor Slide Bases for 3-Phase Motors										
Part Number (MTA-BASE- xxx)	Price	Fits Frame Type	Product Wt. (lb)	Fits Motor						Drawing Links
				IronHorse	Leeson®	WEG (Part number ending in...)	Marathon			
					WashGuard®		microMAX, Max +, Black Max, Blue Max, SyMAX	XRI GP & NEMA Premium, Jet Pump	Globetrotter	
<u>W143T</u>	\$09np:	143T/ TC	4.6	MTCP2-001-3BD18(C) MTCP2-1P5-3BD36 MTSN-1P5-3BD36-14 MTSP-1P5-3BD36-14 MTSP-1P5-3BD36R-14	191487.00 191565.00	(…) 145T-S (…) 145TC-S	Y536(-A772)	E2001A E2003	-	PDF
<u>W145T</u>	\$09nq:	145T/ TC	5.1	MTCP2-001-3BD12 MTCP2-1P5-3BD18(C) MTCP2-002-3BD18(C) MTCP2-002-3BD36 MTSP-001-3BD12 MTSN-1P5-3BD18-14 MTSN-1P5-3BD18R-14 MTSP-1P5-3BD18-14 MTSP-1P5-3BD18R-14 MTSN-002-3BD18-14 MTSN-002-3BD18R-14 MTSN-002-3BD36-14 MTSP-002-3BD18-14 MTSP-002-3BD18R-14 MTSP-002-3BD36-14 MTSP-002-3BD36R-14	121866.00 121868.00 121870.00 122182.00 122184.00 122185.00 191490.00 191491.00 191570.00		Y366 Y368 Y284 Y285 Y537 Y538(-A772) Y551(-A772)	E2002 E2004A E2007A	-	PDF
<u>W182T</u>	\$09ns:	182T/ TC	9.2	MTCP2-1P5-3BD12 MTCP2-003-3BD18(C) MTCP2-003-3BD36 MTSP-1P5-3BD12 MTSN-003-3BD18-18 MTSN-003-3BD36-18 MTSP-003-3BD18-18 MTSP-003-3BD36-18	132196.00 132198.00		Y1999 Y286A Y541A(-A772) SY036 SY066	E2009 E2010	GT0010A GT1010A	PDF
<u>W184T</u>	\$,09nt:	184T/ TC	10	MTCP2-002-3BD12 MTCP2-005-3BD18(C) MTCP2-005-3BD36 MTF-00x-1C18 MTSP-002-3BD12 MTSP-005-3BD18 MTSP-005-3BD36	132197.00 132200.00 132201.00 132440.00		Y1372 Y287A Y540(-A772) Y543A(-A772) E2012 E2013 SY007A SY067	-	GT0013A GT1013A GT1210A GT1212A GT1213A	PDF
<u>W213T</u>	\$09nu:	213T/ TC	13	MTCP2-003-3BD12 MTCP2-7P5-3BD18(C) MTCP2-7P5-3BD36 MTSP-003-3BD12 MTSP-7P5-3BD18	140819.00 140822.00 141266.00		Y994 Y542(-A772) Y545(-A772) E2011 E2016A E2011A E2016B SY068	-	GT0016A GT1016A GT1216A	PDF
<u>W215T</u>	\$09nv:	215T/ TC	15	MTCP2-005-3BD12 MTCP2-010-3BD18(C) MTCP2-010-3BD36 MTSP-005-3BD12 MTSP-010-3BD18	140820.00 140821.00		Y996 Y544(-A772) Y547(-A772) E2018 E2014A E2018A SY069	-	GT0019A GT1019A GT1218A GT1219A	PDF
<u>W254T</u>	\$09nx:	254T/ TC	18	MTCP2-7P5-3BD12 MTCP2-015-3BD18(C) MTCP2-015-3BD36 MTSP-015-3BD18	-		Y546(-A772) Y549(-A772)	-	GT0059 GT1022A GT1222A	PDF

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

STABLE™ Motor Slide Bases

STABLE Motor Slide Bases for 3-Phase Motors										
Part Number (MTA-BASE- xxx)	Price	Fits Frame Type	Product Wt. (lb)	Fits Motor					Drawing Links	
				IronHorse	Leeson®	WEG (Part number ending in...)	Marathon			
					WashGuard®		microMAX, Max+, Black Max, Blue Max, SyMAX	XRI GP & NEMA Premium, Jet Pump		Globetrotter
W256T	\$09ny:	256T/ TC	19	MTCP2-010-3BD12 MTCP2-020-3BD18(C) MTCP2-020-3BD36 MTSP-020-3BD18	–		Y548(-A772) Y552	–	GT0062 GT1025A GT1225A	PDF
W284T	\$09nz:	284T/ TC	20	MTCP2-015-3BD12 MTCP2-025-3BD18(C)	–		–	–	GT0065 GT1028A	PDF
W286T	\$.09n]:	286T/ TC	21	MTCP2-020-3BD12 MTCP2-030-3BD18(C)	–		–	–	GT0067 GT1031A	PDF
W324T	\$.009n[:	324T/ TC	30	MTCP2-040-3BD18(C)	–		Y571(-A774) Y513(-A775)	–	GT0073 GT1034A	PDF
W326T	\$009n_:	326T/ TC	31	MTCP2-050-3BD18(C)	–		Y572(-A774) Y514(-A775)	–	GT0077 GT1037A	PDF
W364T	\$009n#:	364T/ TC	43	MTCP2-060-3BD18(C)	–		Y573(-A774) Y515(-A775)	–	GT1040A	PDF
W365T	\$.009n!:	365T/ TC	43	MTCP2-075-3BD18(C)	–		Y574(-A774) Y516(-A775)	–	GT1043A	PDF
W404T	\$009n?:	404T/ TC	58	–	–		–	–	–	PDF
W405T	\$.009n,:	405T/ TC	60	MTCP2-100-3BD18(C)	–		Y575(-A774) Y517(-A775)	–	GT1046A	PDF
W444T	\$009o0:	444T	63	MTCP2-125-3BD18	–		–	–	GT1049A	PDF
W445T	\$009o1:	445T	65	MTCP2-150-3BD18	–		–	–	GT1052A	PDF
W447T	\$009o2:	447T	89	MTCP2-200-3BD18	–		–	–	GT1055A	PDF
W449T	\$009o3:	449T	94	MTCP2-250-3D18 MTCP2-300-3D18	–		–	–	–	PDF

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

STABLE™ Motor Slide Bases

Mounting Slide Bases for 56 to 215T NEMA Motors Features

STABLE Motor Slide Bases for 1-phase Motors									
Part Number	Price	Fits Frame Type	Product Wt. (lb)	Fits Motor					
				IronHorse	Leeson®	Marathon			
					Washguard®	Marathon DP GP (NEMA Service Factor)	Marathon DP Air Compressor	Fan & Blower	Marathon TE GP 4-in-1
<u>MTA-BASE-W56</u>	\$0ea7:	56*	2.8	MTR2-xxx-1AB18 MTR2-xxx-1AB36 MTPM-xxx-1L18 MTPM-xxx-1M18	112431.00 112527.00 112528.00 112529.00 113583.00 114311.00 114313.00 114317.00 191475.00 191477.00 191479.00	<u>C158A</u> <u>G915A</u> <u>C175A</u> <u>C167A</u> <u>C179A</u> <u>G937A</u> <u>C185A</u> <u>C187A</u> <u>C193A</u> <u>E261A</u> <u>E268A</u> <u>EG277A</u>	<u>D010</u> <u>C169</u> <u>C704</u> <u>D017</u>	<u>C216</u> <u>C1153</u> <u>C1155</u> <u>B319</u> <u>D118</u> <u>C1158</u> <u>C235</u> <u>D115</u> <u>C1160</u> <u>C1161</u> <u>B352</u>	<u>G570</u> <u>D311</u> <u>G571</u> <u>D312</u> <u>G572</u> <u>D313</u> <u>G573</u> <u>D314</u> <u>G574</u> <u>D315</u> <u>G575</u> <u>D316</u>
<u>MTA-BASE-W143T</u>	\$09np:	143T / TC	4.6	–	–	<u>C188A</u>	–	–	–
<u>MTA-BASE-W145T</u>	\$09nq:	145TC / TC	5.1	–	–	<u>C191</u> <u>I127</u> <u>C194</u>	–	–	–
<u>MTA-BASE-W182T</u>	\$09ns:	182T / TC	9.2	–	–	–	–	–	–
<u>MTA-BASE-W184T</u>	\$;09nt:	184 / TC	10	MTF-00x-1C18	–	–	<u>Z502</u>	–	–
<u>MTA-BASE-W213T</u>	\$09nu:	213T / TC	13	–	–	–	–	–	–
<u>MTA-BASE-W215T</u>	\$09nv:	215T T TC	15	–	–	–	–	–	–

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