

Blue Chip XRI[®] – Ultra High Efficiency Motors

**** 230/460V and 575V Motors Available ****



Features

- Meets NEMA premium efficiencies
- Inverter duty
- 10:1 variable torque, 20:1 constant torque on VFD with 1.0 service factor
- Class F insulation
- Continuous duty at 40° C ambient
- Cast iron frame construction with rigid base mounting
- F1 standard conduit box location, non-reversible
- 1.15 service factor
- Shaft slinger
- Utilizes double shielded ball bearings
- Exxon Polyrex[®] EM bearing grease
- Electrically reversible
- UL Recognized, CSA Certified, and CE Mark
- Three year warranty (through Marathon Electric)

Motor Shipping Schedule *

Same or one day *	Up to 7 days	Up to 10 days
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Color indicates shipping lead time in business days. Check stock status online.
* Certain heavy and oversized items can be shipped only via LTL.
Check our website for current shipping method constraints by part number.

Applications

Typical uses include material handling, machine tools, fans, conveyors, cranes and hoists, metal processing, test stands, pumps, compressors, textile processing, and other industrial machinery installed in dusty or dirty environments.

230/460V Motor Specifications

Part Number *	Price	HP	Base RPM	Volts	Enclosure	NEMA Frame	Model No.	N.P. F.L. Amps	Weight (lb) *	Drawing Links
E207	Retired	25	1800	230/460	TEFC	284T	284TTFNA6026	62 / 31	495	PDF
E209	Retired	40	1800	230/460	TEFC	324T	324TTFNS6026	95 / 47.5	675	N/A
E212	\$5,064.00	75	1800	230/460	TEFC	365T	365TTFNS6036	172 / 86	1125	PDF

* Refer to the Motor Shipping Schedule table for shipping information.

Note: Please review the AutomationDirect Terms & Conditions for warranty and service on this product. Warranty service can be arranged through numerous Marathon Electric service centers. See list of service centers on our Web site at www.automationdirect.com.

Performance Data

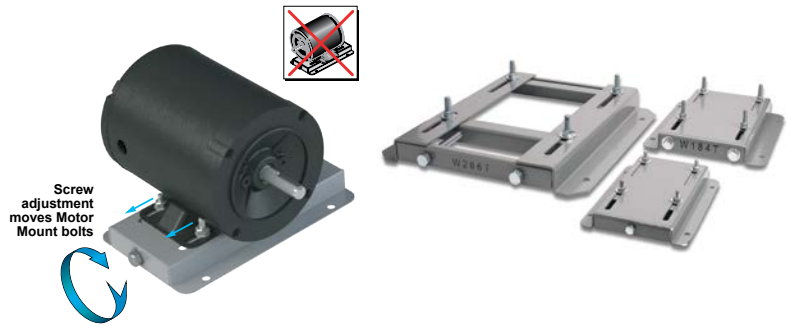
Motor Performance Data (460 Volt)

Part Number	HP	F.L. rpm	F.L. Amps @460V	N.L. Amps @460V	F.L. Torque (lb-ft)	B.D. Torque (lb-ft)	F.L. Effic. (%)	F.L. Power Factor	Rotor Inertia (lb-ft ²)	Ohms/Ph - Equiv. Wye Circuit (460 VAC) (at rated operating temp. in 40° C ambient)				
										R1	R2	X1	X2	XM
E207	25	1775	31	14	74	215	93.6	81	4.2	0.150	0.154	0.852	1.066	20.064
E209	40	1780	48	18	118	304	94.1	83	8.5	0.082	0.066	0.597	0.798	13.514
E212	75	1780	86	28	221	574	95.4	86	18	0.048	0.037	0.319	0.386	9.238

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®		Marathon					
					WashGuard®	microMAX, Max +	Black Max	Blue Max, SyMAX	XRI GP & NEMA Premium, Jet Pump	Globetrotter		
W56	\$14.00	56*	2.8	MTPM-P3x-1x18								
				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				112427.00				
				MTSN-P33-3BD36				112428.00				
				MTSP-P33-3BD18				112429.00				
				MTSP-P33-3BD18R				112430.00				
				MTSP-P33-3BD36				113019.00				
				MTSP-P33-3BD36R				113023.00				
				MTSN-P50-3BD18				113473.00				E2000
				MTSN-P50-3BD18R				113586.00				D390
				MTSN-P50-3BD36				113590.00				G580
				MTSP-P50-3BD12				113591.00				D391
				MTSP-P50-3BD18				113649.00				G581
				MTSP-P50-3BD18R				116644.00				K705
				MTSP-P50-3BD36				116645.00				D392
				MTSP-P50-3BD36R				119468.00	Y500			G582
				MTSN-P75-3BD18				119469.00	Y502			K707
				MTSN-P75-3BD18R				119471.00	Y360	Y592(-A772)	SY001	D393A
				MTSN-P75-3BD36				119475.00	Y362	Y534(-A772)	SY003	K708A
				MTSP-P75-3BD12				119476.00	Y364	Y535(-A772)	SY004	G583A
				MTSP-P75-3BD18				119478.00	Y280	Y555(-A772)	SY005	K709A
				MTSP-P75-3BD18R				119480.00	Y281	Y556(-A772)	SY035	D394A
				MTSP-P75-3BD36				119482.00	Y282			K721A
				MTSP-P75-3BD36R				119483.00				G584A
				MTSN-001-3BD18				191202.00				D395A
				MTSN-001-3BD18R				191204.00				G585A
				MTSN-001-3BD36				191205.00				K724A
				MTSP-001-3BD18				191206.00				D396A
				MTSP-001-3BD18R				191207.00				K725A
				MTSP-001-3BD36				191208.00				J066A
				MTSP-001-3BD36R				191560.00				
				MTSN-1P5-3BD18				191561.00				
				MTSN-1P5-3BD18R				191562.00				
				MTSN-1P5-3BD36				191563.00				
				MTSP-1P5-3BD18				191564.00				
				MTSP-1P5-3BD18R				191569.00				
				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®		Marathon			Globetrotter	
					WashGuard®	microMAX, Max+	Black Max	Blue Max, SyMAX	XRI GP & NEMA Premium, Jet Pump		
W143T	\$26.00	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	-	Y536(-A772)	-	E2001A E2003	-	PDF
W145T	\$26.00	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 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(-A772) Y538(-A772) Y551(-A772) Y557(-A772)	-	E2002 E2004A E2007A	-	PDF
W182T	\$35.50	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) Y558A(-A772)	SY036 SY066	E2009 E2010	GT0010A GT1010A	PDF
W184T	\$35.50	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) Y559A(-A772)	E2012 E2013 SY007A SY067	-	GT0013A GT1013A GT1210A GT1212A GT1213A	PDF
W213T	\$52.00	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) Y560(-A772)	E2011 E2016A E2011A E2016B SY068	-	GT0016A GT1016A GT1216A	PDF
W215T	\$52.00	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) Y561(-A772)	E2018 E2014A E2018A SY069	-	GT0019A GT1019A GT1218A GT1219A	PDF
W254T	\$71.00	254T/TC	18	MTCP2-7P5-3BD12 MTCP2-015-3BD18(C) MTCP2-015-3BD36 MTSP-015-3BD18	-	-	Y546(-A772) Y549(-A772) Y562(-A772)	-	-	GT0059 GT1022A GT1222A	PDF
W256T	\$71.00	256T/TC	19	MTCP2-010-3BD12 MTCP2-020-3BD18(C) MTCP2-020-3BD36 MTSP-020-3BD18	-	-	Y548(-A772) Y552(-A772) Y563(-A772)	-	-	GT0062 GT1025A GT1225A	PDF
W284T	\$79.00	284T/TC	20	MTCP2-015-3BD12 MTCP2-025-3BD18(C)	-	-	Y553(-A772)	-	-	GT0065 GT1028A	PDF
W286T	\$79.00	286T/TC	21	MTCP2-020-3BD12 MTCP2-030-3BD18(C)	-	-	Y393(-A772)	-	-	GT0067 GT1031A	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®		Marathon				
					WashGuard®	microMAX, Max +	Black Max	Blue Max, SyMAX	XRI GP & NEMA Premium, Jet Pump	Globetrotter	
W324T	\$116.00	324T/ TC	30	MTCP2-040-3BD18(C)	-	-	Y571(-A774) Y513(-A775)	-	-	GT0073 GT1034A	PDF
W326T	\$116.00	326T/ TC	31	MTCP2-050-3BD18(C)	-	-	Y572(-A774) Y514(-A775)	-	-	GT0077 GT1037A	PDF
W364T	\$158.00	364T/ TC	43	MTCP2-060-3BD18(C)	-	-	Y573(-A774) Y515(-A775)	-	-	GT1040A	PDF
W365T	\$158.00	365T/ TC	43	MTCP2-075-3BD18(C)	-	-	Y574(-A774) Y516(-A775)	-	-	GT1043A	PDF
W404T	\$193.00	404T/ TC	58	-	-	-	-	-	-	-	PDF
W405T	\$193.00	405T/ TC	60	MTCP2-100-3BD18(C)	-	-	Y575(-A774) Y517(-A775)	-	-	GT1046A	PDF
W444T	\$219.00	444T	63	MTCP2-125-3BD18	-	-	-	-	-	GT1049A	PDF
W445T	\$219.00	445T	65	MTCP2-150-3BD18	-	-	-	-	-	GT1052A	PDF
W447T	\$288.00	447T	89	MTCP2-200-3BD18	-	-	-	-	-	GT1055A	PDF
W449T	\$288.00	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>	\$14.00	56*	2.8	MTR2-xxx-1AB18 MTR2-xxx-1AB36 MTPM-xxx-1L18 MTPM-xxx-1M18	112431.00	<u>C158A</u>	D010 C169 C704 D017	<u>C216</u>	<u>G570</u>
					112527.00	<u>G915A</u>		<u>D311</u>	
					112528.00	<u>C175A</u>		<u>C1153</u>	<u>G571</u>
					112529.00	<u>C167A</u>		<u>C1155</u>	<u>D312</u>
					113583.00	<u>C179A</u>		<u>B319</u>	<u>G572</u>
					114311.00	<u>G937A</u>		<u>D118</u>	<u>D313</u>
					114313.00	<u>C185A</u>		<u>C1158</u>	<u>G573</u>
					114317.00	<u>C187A</u>		<u>C235</u>	<u>D314</u>
					191475.00	<u>C193A</u>		<u>D115</u>	<u>G574</u>
					191477.00	<u>E261A</u>		<u>C1160</u>	<u>D315</u>
					191479.00	<u>E268A</u>		<u>C1161</u>	<u>G575</u>
						<u>EG277A</u>		<u>B352</u>	<u>D316</u>
					<u>MTA-BASE-W143T</u>	\$26.00		143T / TC	4.6
<u>MTA-BASE-W145T</u>	\$26.00	145TC / TC	5.1	-	-	<u>C191</u> <u>I127</u> <u>C194</u>	-	-	-
<u>MTA-BASE-W182T</u>	\$35.50	182T / TC	9.2	-	-	-	-	-	-
<u>MTA-BASE-W184T</u>	\$35.50	184 / TC	10	MTF-00x-1C18	-	-	<u>Z502</u>	-	-
<u>MTA-BASE-W213T</u>	\$52.00	213T / TC	13	-	-	-	-	-	-
<u>MTA-BASE-W215T</u>	\$52.00	215T T TC	15	-	-	-	-	-	-

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