



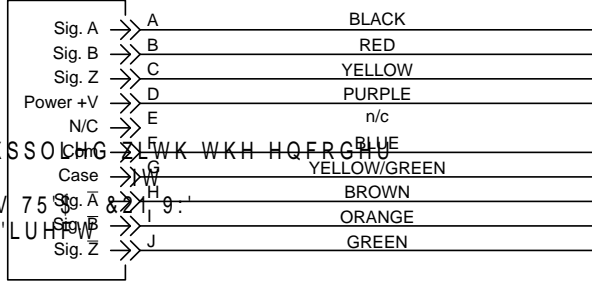




# Black Max® Vector 'XW\ORWRUV

## Encoder Connector Pinout

Dynapar HS35 Encoder PIN TRDA-25CBL-VWD-xx Cable Wire Color



Cable TRDA-25CBL-VWD-xx is available separately from AutomationDirect.

Connections to equipment determined by customer.

1RWH \$ PDWLQJ FRQQHFWRU LV VXSOLHG ZLWK WKH HQFRGHU  
3UHZLUHG FDEOHV 75' \$ &%/ 9:' [[  
DQG UHSODFHPHQW 06 FRQQHFWRUV 75' \$ &%/ 9:' [[  
DUH DYDLODEOH IURP \$XWRPDWLRQ LUGR

### 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)	Max. C hp rpm *	Max. Safe rpm	F.L. Effic. (%)	F.L. Power Factor	Rotor Inertia (lb-ft <sup>2</sup> )	Ohms/Ph - Equiv. Wye Circuit (460 VAC) (at rated operating temp. in 40° C ambient)				
												R1	R2	X1	X2	XM
Y592	1/4	1755	0.6	0.45	0.75	4.5	3540	5400	70.0	58.0	0.045	26.300	23.000	30.240	14.700	572.000
Y534	1/2	1735	0.8	0.52	1.5	5.8	3510	5400	80.0	72.0	0.056	22.307	17.028	24.123	18.163	532.976
Y535	1	1750	1.5	1.0	3.0	15.0	3505	5400	84.0	75.0	0.110	8.378	5.623	10.707	9.912	278.036
Y536	1	1750	1.5	1.0	3.0	15.0	3505	5400	84.0	75.0	0.110	8.378	5.623	10.707	9.912	278.036
Y537	1	1145	1.9	1.3	4.5	16.0	2260	5400	80.0	62.5	0.140	10.302	8.372	13.793	15.325	193.835
Y538	1-1/2	1755	2.4	1.6	4.5	29.0	3518	5400	85.5	69.0	0.140	4.257	3.538	5.998	5.884	161.009
Y551	2	1750	3.0	1.7	6.0	28.5	3525	5400	85.5	78.0	0.130	3.834	2.897	5.950	5.637	154.800
Y540	2	1160	3.3	2.1	9.0	34.0	2315	5400	82.5	67.5	0.380	3.948	3.436	7.725	12.113	116.900
Y541A	3	1755	4.1	2.3	9.0	49.3	3515	5400	87.5	78.5	0.420	1.578	1.802	2.838	2.091	94.13
Y542	3	1158	4.7	3.0	13.6	49.0	2300	4200	82.5	72.5	0.600	2.469	2.318	6.508	4.125	83.910
Y543A	5	1760	6.7	3.2	14.9	61.5	3520	5400	89.5	79	0.520	1.428	1.05	2.09	3.379	63.334
Y544	5	1165	7.7	4.8	22.5	87.0	2320	4200	84.0	71.0	0.900	1.130	1.250	3.709	2.573	51.972
Y545	7-1/2	1765	10.5	5.5	22.3	95.5	3525	4200	90.2	76.0	0.850	0.699	0.567	1.765	2.260	38.178
Y546	7-1/2	1170	11.0	6.0	34.0	118.0	2325	4200	87.5	73.0	1.200	0.510	0.680	2.846	3.247	42.714
Y547	10	1774	13.5	7.4	29.5	125.0	3540	4200	90.2	76.0	1.300	0.369	0.334	1.423	2.281	34.932
Y548	10	1160	14	7.0	45.5	135.0	2320	4200	89.5	75.5	1.500	0.534	0.693	2.258	2.323	30.530
Y549	15	1765	20	11.0	45.0	170.0	3550	4200	92.4	76.0	1.600	0.134	0.316	1.047	1.569	22.151
Y552	20	1768	26	13.5	59.5	290.0	3560	5400	93.6	80.0	3.100	0.234	0.213	0.746	0.689	18.204
Y553	25	1770	31	14.0	74.2	330.0	3530	3600	93.6	75.0	4.400	0.143	0.160	0.724	0.678	13.965
Y393	30	1772	37	23.5	89.0	375.0	3560	3600	94.5	74.0	5.500	0.113	0.123	0.543	0.557	11.200

0D[LPXP &RQVWDQW KS USP LV IRU GLUHFV FRXSOHG ORDGV

### Motor Performance Data (575 Volt) \*

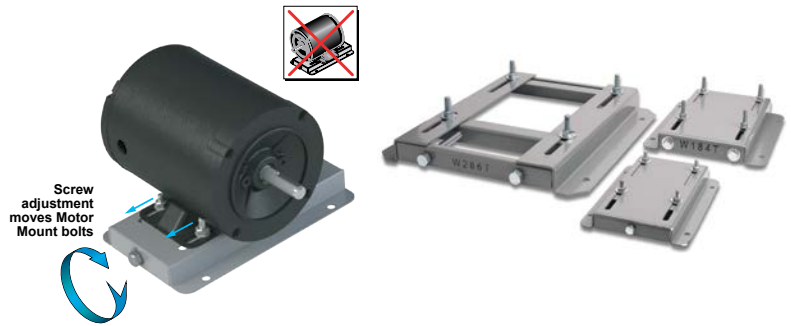
Part Number	HP	F.L. rpm	F.L. Amps @575V	N.L. Amps @575V	F.L. Torque (lb-ft)	B.D. Torque (lb-ft)	Max. C hp rpm*	Max. Safe rpm	F.L. Effic. (%)	F.L. Power Factor	Rotor Inertia (lb-ft <sup>2</sup> )	Ohms/Ph - Equiv. Wye Circuit (575 VAC) (at rated operating temp. in 40° C ambient)				
												R1	R2	X1	X2	XM
Y555	1/2	1735	0.8	0.8	1.52	5.8	3510	5400	80.0	72	0.056	22.307	17.028	24.123	18.163	532.976
Y556	1	1750	1.6	0.8	3.0	15.0	3505	5400	84.0	75	0.11	8.378	5.623	10.707	9.912	278.036
Y557	2	1750	2.4	1.6	6.0	28.5	3525	5400	85.5	78	0.13	3.834	2.897	5.950	5.637	154.780
Y558A	3	1755	3.3	1.8	9.0	49.3	3515	5400	87.5	78.5	0.42	1.578	1.802	2.838	2.091	94.13
Y559A	5	1760	5.4	2.6	14.9	61.5	3520	5400	89.5	79	0.52	1.4288	1.0489	2.092	3.379	63.3339
Y560	7-1/2	1765	8.0	4.8	22.3	95.5	3525	4200	90.2	76	0.9	0.699	0.567	1.765	2.260	38.178
Y561	10	1774	11.2	5.6	29.6	125.0	3540	4200	90.2	76	1.3	0.284	0.284	1.420	2.272	34.932
Y562	15	1765	16.0	8.8	44.6	170.0	3550	4200	92.4	76	1.6	0.314	0.316	1.047	1.569	22.151
Y563	20	1770	20.8	11.2	59.5	290.0	3560	3600	93.6	77	3.5	0.220	0.192	0.675	0.684	18.204

0D[LPXP &RQVWDQW KS USP LV IRU GLUHFV FRXSOHG ORDGV

# 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		56*	2.8	MTPM-P3x-1x18							PDF	
				MTPM-P5x-1x18								
				MTPM-P7x-1x18								
				MTPM-0xx-1x18								
				MTPM-1xx-1x18								
				MTR(2)(P)-xxx-xxxxx*								
				MTRJ(P)-xxx-xxxxx								
				MTSN-P33-3BD18								
				<a href="#">MTSN-P33-3BD18R</a>								
				<a href="#">MTSN-P33-3BD36</a>	112427.00							
				<a href="#">MTSP-P33-3BD18</a>	112428.00							
				<a href="#">MTSP-P33-3BD18R</a>	112429.00							
				<a href="#">MTSP-P33-3BD36</a>	112430.00							
				<a href="#">MTSP-P33-3BD36R</a>	113019.00							
				<a href="#">MTSN-P50-3BD18</a>	113023.00							
				<a href="#">MTSN-P50-3BD18R</a>	113473.00							E2000
				<a href="#">MTSN-P50-3BD36</a>	113586.00							D390
				<a href="#">MTSP-P50-3BD12</a>	113590.00					Y500		G580
				<a href="#">MTSP-P50-3BD18</a>	113591.00					Y502		D391
				<a href="#">MTSP-P50-3BD18R</a>	113649.00					Y360		G581
				<a href="#">MTSP-P50-3BD36</a>	116644.00					Y362		K705
				<a href="#">MTSP-P50-3BD36R</a>	116645.00					Y364		D392
				<a href="#">MTSN-P75-3BD18</a>	119468.00					Y280		G582
				<a href="#">MTSN-P75-3BD18R</a>	119469.00					Y281		K707
				<a href="#">MTSN-P75-3BD36</a>	119471.00					Y282		D393A
				<a href="#">MTSP-P75-3BD12</a>	119475.00			(...)56-S	Y592(-A772)			K708A
				<a href="#">MTSP-P75-3BD18</a>	119476.00			(...)56C-S	Y534(-A772)			G583A
				<a href="#">MTSP-P75-3BD18R</a>	119478.00				Y535(-A772)			K709A
				<a href="#">MTSP-P75-3BD36</a>	119480.00				Y555(-A772)			D394A
				<a href="#">MTSP-P75-3BD36R</a>	119482.00				Y556(-A772)			K721A
				<a href="#">MTSN-001-3BD18</a>	119483.00				SY001			G584A
				<a href="#">MTSN-001-3BD18R</a>	191202.00				SY003			D395A
				<a href="#">MTSN-001-3BD36</a>	191204.00				SY004			G585A
				<a href="#">MTSP-001-3BD18</a>	191205.00				SY005			K724A
				<a href="#">MTSP-001-3BD18R</a>	191206.00				SY035			D396A
				<a href="#">MTSP-001-3BD36</a>	191207.00							K725A
				<a href="#">MTSP-001-3BD36R</a>	191208.00							J066A
				<a href="#">MTSN-1P5-3BD18</a>	191560.00							
				<a href="#">MTSN-1P5-3BD18R</a>	191561.00							
				<a href="#">MTSN-1P5-3BD36</a>	191562.00							
				<a href="#">MTSP-1P5-3BD18</a>	191563.00							
				<a href="#">MTSP-1P5-3BD18R</a>	191564.00							
				<a href="#">MTSP-1P5-3BD36</a>	191569.00							
				<a href="#">MTSP-1P5-3BD36R</a>								
				<a href="#">MTSN-002-3BD18</a>								
				<a href="#">MTSN-002-3BD18R</a>								
				<a href="#">MTSN-002-3BD36</a>								
				<a href="#">MTSP-002-3BD18</a>								
				<a href="#">MTSP-002-3BD18R</a>								
				<a href="#">MTSP-002-3BD36</a>								
<a href="#">MTSP-002-3BD36R</a>												

\* 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
<a href="#">W143T</a>		143T/TC	4.6	MTCP2-001-3BD18(C) MTCP2-1P5-3BD36 MTSN-1P5-3BD36-14 MTSP-1P5-3BD36-14 MTSP-1P5-3BD36R-14	<a href="#">191487.00</a> <a href="#">191565.00</a>		<a href="#">Y536(-A772)</a>	<a href="#">E2001A</a> <a href="#">E2003</a>	-	<a href="#">PDF</a>
<a href="#">W145T</a>		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	<a href="#">121866.00</a> <a href="#">121868.00</a> <a href="#">121870.00</a> <a href="#">122182.00</a> <a href="#">122184.00</a> <a href="#">122185.00</a> <a href="#">191490.00</a> <a href="#">191491.00</a> <a href="#">191570.00</a>	(...) 145T-S (...) 145TC-S	<a href="#">Y366</a> <a href="#">Y368</a> <a href="#">Y284</a> <a href="#">Y285</a> <a href="#">Y537(-A772)</a> <a href="#">Y538(-A772)</a> <a href="#">Y551(-A772)</a> <a href="#">Y557(-A772)</a>	<a href="#">E2002</a> <a href="#">E2004A</a> <a href="#">E2007A</a>	-	<a href="#">PDF</a>
<a href="#">W182T</a>		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	<a href="#">132196.00</a> <a href="#">132198.00</a>		<a href="#">Y1999</a> <a href="#">Y286A</a> <a href="#">Y541A(-A772)</a> <a href="#">Y558A(-A772)</a> <a href="#">SY036</a> <a href="#">SY066</a>	<a href="#">E2009</a> <a href="#">E2010</a>	<a href="#">GT0010A</a> <a href="#">GT1010A</a>	<a href="#">PDF</a>
<a href="#">W184T</a>		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	<a href="#">132197.00</a> <a href="#">132200.00</a> <a href="#">132201.00</a> <a href="#">132440.00</a>		<a href="#">Y1372</a> <a href="#">Y287A</a> <a href="#">Y540(-A772)</a> <a href="#">Y543A(-A772)</a> <a href="#">Y559A(-A772)</a> <a href="#">E2012</a> <a href="#">E2013</a> <a href="#">SY007A</a> <a href="#">SY067</a>	-	<a href="#">GT0013A</a> <a href="#">GT1013A</a> <a href="#">GT1210A</a> <a href="#">GT1212A</a> <a href="#">GT1213A</a>	<a href="#">PDF</a>
<a href="#">W213T</a>		213T/TC	13	MTCP2-003-3BD12 MTCP2-7P5-3BD18(C) MTCP2-7P5-3BD36 MTSP-003-3BD12 MTSP-7P5-3BD18	<a href="#">140819.00</a> <a href="#">140822.00</a> <a href="#">141266.00</a>		<a href="#">Y994</a> <a href="#">Y542(-A772)</a> <a href="#">Y545(-A772)</a> <a href="#">Y560(-A772)</a> <a href="#">E2011</a> <a href="#">E2016A</a> <a href="#">E2011A</a> <a href="#">E2016B</a> <a href="#">SY068</a>	-	<a href="#">GT0016A</a> <a href="#">GT1016A</a> <a href="#">GT1216A</a>	<a href="#">PDF</a>
<a href="#">W215T</a>		215T/TC	15	MTCP2-005-3BD12 MTCP2-010-3BD18(C) MTCP2-010-3BD36 MTSP-005-3BD12 MTSP-010-3BD18	<a href="#">140820.00</a> <a href="#">140821.00</a>		<a href="#">Y996</a> <a href="#">Y544(-A772)</a> <a href="#">Y547(-A772)</a> <a href="#">Y561(-A772)</a> <a href="#">E2018</a> <a href="#">E2014A</a> <a href="#">E2018A</a> <a href="#">SY069</a>	-	<a href="#">GT0019A</a> <a href="#">GT1019A</a> <a href="#">GT1218A</a> <a href="#">GT1219A</a>	<a href="#">PDF</a>
<a href="#">W254T</a>		254T/TC	18	MTCP2-7P5-3BD12 MTCP2-015-3BD18(C) MTCP2-015-3BD36 MTSP-015-3BD18	-		<a href="#">Y546(-A772)</a> <a href="#">Y549(-A772)</a> <a href="#">Y562(-A772)</a>	-	<a href="#">GT0059</a> <a href="#">GT1022A</a> <a href="#">GT1222A</a>	<a href="#">PDF</a>

\* 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	
<a href="#">W256T</a>		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	<a href="#">PDF</a>
<a href="#">W284T</a>		284T/ TC	20	MTCP2-015-3BD12 MTCP2-025-3BD18(C)	-		Y553(-A772)	-	GT0065 GT1028A	<a href="#">PDF</a>
<a href="#">W286T</a>		286T/ TC	21	MTCP2-020-3BD12 MTCP2-030-3BD18(C)	-		Y393(-A772)	-	GT0067 GT1031A	<a href="#">PDF</a>
<a href="#">W324T</a>		324T/ TC	30	MTCP2-040-3BD18(C)	-		Y571(-A774) Y513(-A775)	-	GT0073 GT1034A	<a href="#">PDF</a>
<a href="#">W326T</a>		326T/ TC	31	MTCP2-050-3BD18(C)	-		Y572(-A774) Y514(-A775)	-	GT0077 GT1037A	<a href="#">PDF</a>
<a href="#">W364T</a>		364T/ TC	43	MTCP2-060-3BD18(C)	-		Y573(-A774) Y515(-A775)	-	GT1040A	<a href="#">PDF</a>
<a href="#">W365T</a>		365T/ TC	43	MTCP2-075-3BD18(C)	-		Y574(-A774) Y516(-A775)	-	GT1043A	<a href="#">PDF</a>
<a href="#">W404T</a>		404T/ TC	58	-	-		-	-	-	<a href="#">PDF</a>
<a href="#">W405T</a>		405T/ TC	60	MTCP2-100-3BD18(C)	-		Y575(-A774) Y517(-A775)	-	GT1046A	<a href="#">PDF</a>
<a href="#">W444T</a>		444T	63	MTCP2-125-3BD18	-		-	-	GT1049A	<a href="#">PDF</a>
<a href="#">W445T</a>		445T	65	MTCP2-150-3BD18	-		-	-	GT1052A	<a href="#">PDF</a>
<a href="#">W447T</a>		447T	89	MTCP2-200-3BD18	-		-	-	GT1055A	<a href="#">PDF</a>
<a href="#">W449T</a>		449T	94	MTCP2-250-3D18 MTCP2-300-3D18	-		-	-	-	<a href="#">PDF</a>

\* 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
<a href="#"><u>MTA-BASE-W56</u></a>		56*	2.8	MTR2-xxx-1AB18 MTR2-xxx-1AB36 MTPM-xxx-1L18 MTPM-xxx-1M18	112431.00	<a href="#"><u>C158A</u></a>	D010 C169 C704 D017	<a href="#"><u>C216</u></a>	<a href="#"><u>G570</u></a>
					112527.00	<a href="#"><u>G915A</u></a>		<a href="#"><u>D311</u></a>	
					112528.00	<a href="#"><u>C175A</u></a>		<a href="#"><u>C1153</u></a>	<a href="#"><u>G571</u></a>
					112529.00	<a href="#"><u>C167A</u></a>		<a href="#"><u>C1155</u></a>	<a href="#"><u>D312</u></a>
					113583.00	<a href="#"><u>C179A</u></a>		<a href="#"><u>B319</u></a>	<a href="#"><u>G572</u></a>
					114311.00	<a href="#"><u>G937A</u></a>		<a href="#"><u>D118</u></a>	<a href="#"><u>D313</u></a>
					114313.00	<a href="#"><u>C185A</u></a>		<a href="#"><u>C1158</u></a>	<a href="#"><u>G573</u></a>
					114317.00	<a href="#"><u>C187A</u></a>		<a href="#"><u>C235</u></a>	<a href="#"><u>D314</u></a>
					191475.00	<a href="#"><u>C193A</u></a>		<a href="#"><u>D115</u></a>	<a href="#"><u>G574</u></a>
					191477.00	<a href="#"><u>E261A</u></a>		<a href="#"><u>C1160</u></a>	<a href="#"><u>D315</u></a>
					191479.00	<a href="#"><u>E268A</u></a>		<a href="#"><u>C1161</u></a>	<a href="#"><u>G575</u></a>
						<a href="#"><u>EG277A</u></a>		<a href="#"><u>B352</u></a>	<a href="#"><u>D316</u></a>
					<a href="#"><u>MTA-BASE-W143T</u></a>			143T / TC	4.6
<a href="#"><u>MTA-BASE-W145T</u></a>		145TC / TC	5.1	-	-	<a href="#"><u>C191</u></a> <a href="#"><u>I127</u></a> <a href="#"><u>C194</u></a>	-	-	-
<a href="#"><u>MTA-BASE-W182T</u></a>		182T / TC	9.2	-	-	-	-	-	-
<a href="#"><u>MTA-BASE-W184T</u></a>		184 / TC	10	MTF-00x-1C18	-	-	<a href="#"><u>Z502</u></a>	-	-
<a href="#"><u>MTA-BASE-W213T</u></a>		213T / TC	13	-	-	-	-	-	-
<a href="#"><u>MTA-BASE-W215T</u></a>		215T T TC	15	-	-	-	-	-	-

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