

**marathon®**  
Motors

1000:1 Constant Torque (TENV)



### Motor Shipping Schedule \*

Same or one day \* Up to 7 days Up to 10 days

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.

# MAX+ AC Inverter-Duty Motors with Encoder

## Features

- Integrated Dynapar HS20 1024 ppr encoder
- Optimized for operation with IGBT inverter
- Constant Torque operation from 0 to base speed on Vector Drive
- Constant Horsepower operation up to twice base RPM
- Class F insulation with CR200 corona resistant magnet wire
- Continuous duty at 40°C ambient
- C-Face with rigid base, except C-Face with removable rigid base as noted
- Service Factor: 1.0
- Ball bearings
- F1 mounting (except as noted)
- UL Recognized, CSA Certified, and CE Mark
- Three year warranty (through Marathon Electric)

## Applications

- Replaces 90 volt and 180 volt PMDC motors (when used with AC variable frequency drives)
- Typical uses include: machine tools, conveyors, packaging machines, batching machines, printing equipment, pumps and fans.

## Prices & Specifications

### Motor Specifications – MAX+ (with encoder)

| Part Number *         | Price | HP    | Base RPM | Volts   | Encl. | NEMA Frame | Model No.      | F.L. Amps      | Weight (lb) * | Footnotes | Drawing Links       |                     |
|-----------------------|-------|-------|----------|---------|-------|------------|----------------|----------------|---------------|-----------|---------------------|---------------------|
| <a href="#">Y280</a>  |       | 1/2   | 1800     | 230/460 | TENV  | 56C        | 56H17T15526A   | 1.6 / 0.8      | 25            | 6         | <a href="#">PDF</a> |                     |
| <a href="#">Y281</a>  |       | 3/4   |          |         |       |            | 56H17T15528A   | 2.4 / 1.2      | 35            | 6         | <a href="#">PDF</a> |                     |
| <a href="#">Y282</a>  |       | 1     |          |         |       |            | 56H17T15527A   | 3.0 / 1.5      | 42            | 6         | <a href="#">PDF</a> |                     |
| <a href="#">Y284</a>  |       | 1-1/2 |          |         |       | 145TC      | 145THTR15540AA | 4.8 / 2.4      | 45            | 6         | <a href="#">PDF</a> |                     |
| <a href="#">Y285</a>  |       | 2     |          |         |       |            | 145THTN17034AA | 6.0 / 3.0      | 68            | 13b       | <a href="#">PDF</a> |                     |
| <a href="#">Y286A</a> |       | 3     |          |         |       |            | 182TC          | 182THTY17041AA | 8.2 / 4.1     | 110       | 13b                 | <a href="#">PDF</a> |
| <a href="#">Y287A</a> |       | 5     |          |         |       |            | 184TC          | 184THTY17038AA | 13.4 / 6.7    | 125       | 13b                 | <a href="#">PDF</a> |

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

Certain heavy and oversized items can be shipped only via LTL. Check our web site for current shipping method constraints by part number.

Footnotes: 6 = Bolt-on, removable base for footless mounting option 13b = Field reversible from F1 to F2 mounting

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](http://www.automationdirect.com).

## MAX+ Motors Shaft-Mounted Encoder\*

A Dynapar Model HS20 shaft-mounted encoder is supplied with the MAX+ motor. The 5/8-in hollow-shaft encoder requires a 5–26 VDC power source, provides a count of 1024 pulses per revolution (PPR), differential line driver output, and includes 10 screw-terminal wiring connections.

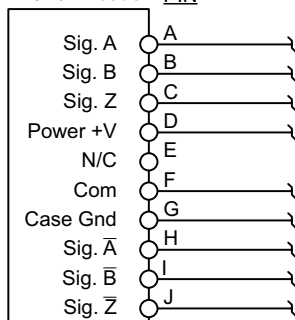
\* The encoder cable gland accepts cable diameters from 0.187–0.30 in.

\* There is no manufacturer's published tightening torque for the encoder screw terminals.

\* If connecting the motor to a GS3 DURApulse AC drive, a [GS3-FB Feedback Card](#) is required for the drive.

### Encoder Wiring Connections

Dynapar HS20 Encoder PIN



Connections to equipment determined by customer.

Wire size: minimum 24 AWG shielded cable

# MAX+ AC Inverter-Duty Motors with Encoder

## Performance Data

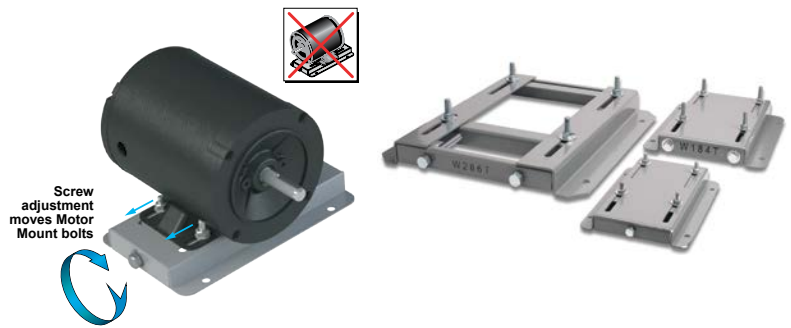
| Performance Data (460 Volt) – MAX+ |       |             |          |          |                 |                 |                     |                     |               |               |             |                   |                                     |
|------------------------------------|-------|-------------|----------|----------|-----------------|-----------------|---------------------|---------------------|---------------|---------------|-------------|-------------------|-------------------------------------|
| Part Number                        | HP    | NEMA Design | F.L. RPM | Min. RPM | F.L. AMPS @460V | N.L. AMPS @460V | F.L. Torque (lb·ft) | B.D. Torque (lb·ft) | Max. CHP RPM* | Max. Safe RPM | F.L. Effic. | F.L. Power Factor | Rotor Inertia (lb·ft <sup>2</sup> ) |
| <a href="#">Y280</a>               | 1/2   | A           | 1725     | 0        | 0.8             | 0.5             | 1.5                 | 5.8                 | 3510          | 5400          | 80.0        | 72.0              | 0.06                                |
| <a href="#">Y281</a>               | 3/4   | A           | 1725     |          | 1.2             | 0.8             | 2.3                 | 10.2                | 3450          |               | 82.5        | 73.5              | 0.09                                |
| <a href="#">Y282</a>               | 1     | A           | 1725     |          | 1.5             | 1.0             | 3.0                 | 15.0                | 3505          |               | 84.0        | 75.0              | 0.11                                |
| <a href="#">Y284</a>               | 1-1/2 | B           | 1755     |          | 2.4             | 1.6             | 4.5                 | 29.0                | 3500          |               | 85.5        | 69.0              | 0.14                                |
| <a href="#">Y285</a>               | 2     | B           | 1750     |          | 3.0             | 1.7             | 6.0                 | 28.5                | 3525          |               | 85.5        | 78.0              | 0.13                                |
| <a href="#">Y286A</a>              | 3     | B           | 1755     |          | 4.1             | 2.3             | 9.0                 | 49.3                | 3510          |               | 87.5        | 78.5              | 0.42                                |
| <a href="#">Y287A</a>              | 5     | B           | 1760     |          | 6.7             | 3.2             | 14.9                | 61.5                | 3520          |               | 89.5        | 79.0              | 0.52                                |

\* Maximum Constant HP RPM is for direct coupled loads.

# 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<br>(MTA-BASE-<br>xxx)           | Price | Fits Frame<br>Type | Product Wt.<br>(lb) | Fits Motor           |            |                                      |                                               |                                    |              |
|                                             |       |                    |                     | IronHorse            | Leeson®    | WEG<br>(Part number<br>ending in...) | Marathon                                      |                                    |              |
|                                             |       |                    |                     |                      | WashGuard® |                                      | microMAX, Max+, Black<br>Max, Blue Max, SyMAX | XRI GP & NEMA<br>Premium, Jet Pump | Globetrotter |
| W56                                         |       | 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-xxxxx    |            |                                      |                                               |                                    |              |
|                                             |       |                    |                     | 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  |                                      | Y500                                          | D391                               |              |
|                                             |       |                    |                     | MTSP-P50-3BD18       | 113649.00  |                                      | Y502                                          | G581                               |              |
|                                             |       |                    |                     | MTSP-P50-3BD18R      | 116644.00  |                                      | Y360                                          | K705                               |              |
|                                             |       |                    |                     | MTSP-P50-3BD36       | 116645.00  |                                      | Y362                                          | D392                               |              |
|                                             |       |                    |                     | MTSP-P50-3BD36R      | 119468.00  |                                      | Y364                                          | G582                               |              |
|                                             |       |                    |                     | MTSN-P75-3BD18       | 119469.00  |                                      | Y280                                          | K707                               |              |
|                                             |       |                    |                     | MTSN-P75-3BD18R      | 119471.00  |                                      | Y281                                          | D393A                              |              |
|                                             |       |                    |                     | MTSN-P75-3BD36       | 119475.00  | (...)56-S                            | Y282                                          | K708A                              |              |
|                                             |       |                    |                     | MTSP-P75-3BD12       | 119476.00  | (...)56-C                            | Y592(-A772)                                   | G583A                              |              |
|                                             |       |                    |                     | MTSP-P75-3BD18       | 119478.00  |                                      | Y534(-A772)                                   | K709A                              |              |
|                                             |       |                    |                     | MTSP-P75-3BD18R      | 119480.00  |                                      | Y535(-A772)                                   | D394A                              |              |
|                                             |       |                    |                     | MTSP-P75-3BD36       | 119482.00  |                                      | SY001                                         | K721A                              |              |
|                                             |       |                    |                     | MTSP-P75-3BD36R      | 119483.00  |                                      | SY003                                         | G584A                              |              |
|                                             |       |                    |                     | MTSN-001-3BD18       | 191202.00  |                                      | SY004                                         | D395A                              |              |
|                                             |       |                    |                     | MTSN-001-3BD18R      | 191204.00  |                                      | SY005                                         | G585A                              |              |
|                                             |       |                    |                     | MTSN-001-3BD36       | 191205.00  |                                      | SY035                                         | 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<br>(MTA-BASE-<br>xxx)           | Price | Fits Frame<br>Type | Product Wt.<br>(lb) | Fits Motor                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                   |                                      |                                                                                                                                                                                                                    |                                                                           |                                                                                                                                     | Drawing<br>Links    |
|                                             |       |                    |                     | IronHorse                                                                                                                                                                                                                                                                                                                                    | Leeson®                                                                                                                                                                                                                                                           | WEG<br>(Part number<br>ending in...) | Marathon                                                                                                                                                                                                           |                                                                           |                                                                                                                                     |                     |
|                                             |       |                    |                     |                                                                                                                                                                                                                                                                                                                                              | WashGuard®                                                                                                                                                                                                                                                        |                                      | microMAX, Max +, Black<br>Max, Blue Max, SyMAX                                                                                                                                                                     | XRI GP & NEMA<br>Premium, Jet Pump                                        | Globetrotter                                                                                                                        |                     |
| <a href="#">W143T</a>                       |       | 143T/<br>TC        | 4.6                 | MTCP2-001-3BD18(C)<br>MTCP2-1P5-3BD36<br>MTSN-1P5-3BD36-14<br>MTSP-1P5-3BD36-14<br>MTSP-1P5-3BD36R-14                                                                                                                                                                                                                                        | <a href="#">191487.00</a><br><a href="#">191565.00</a>                                                                                                                                                                                                            | (…)<br>145T-S<br>(…)<br>145TC-S      | <a href="#">Y536(-A772)</a>                                                                                                                                                                                        | <a href="#">E2001A</a><br><a href="#">E2003</a>                           | -                                                                                                                                   | <a href="#">PDF</a> |
| <a href="#">W145T</a>                       |       | 145T/<br>TC        | 5.1                 | MTCP2-001-3BD12<br>MTCP2-1P5-3BD18(C)<br>MTCP2-002-3BD18(C)<br>MTCP2-002-3BD36<br>MTSP-001-3BD12<br>MTSN-1P5-3BD18-14<br>MTSN-1P5-3BD18R-14<br>MTSP-1P5-3BD18-14<br>MTSP-1P5-3BD18R-14<br>MTSN-002-3BD18-14<br>MTSN-002-3BD18R-14<br>MTSN-002-3BD36-14<br>MTSP-002-3BD18-14<br>MTSP-002-3BD18R-14<br>MTSP-002-3BD36-14<br>MTSP-002-3BD36R-14 | <a href="#">121866.00</a><br><a href="#">121868.00</a><br><a href="#">121870.00</a><br><a href="#">122182.00</a><br><a href="#">122184.00</a><br><a href="#">122185.00</a><br><a href="#">191490.00</a><br><a href="#">191491.00</a><br><a href="#">191570.00</a> |                                      | <a href="#">Y366</a><br><a href="#">Y368</a><br><a href="#">Y284</a><br><a href="#">Y285</a><br><a href="#">Y537</a><br><a href="#">Y538(-A772)</a><br><a href="#">Y551(-A772)</a>                                 | <a href="#">E2002</a><br><a href="#">E2004A</a><br><a href="#">E2007A</a> | -                                                                                                                                   | <a href="#">PDF</a> |
| <a href="#">W182T</a>                       |       | 182T/<br>TC        | 9.2                 | MTCP2-1P5-3BD12<br>MTCP2-003-3BD18(C)<br>MTCP2-003-3BD36<br>MTSP-1P5-3BD12<br>MTSN-003-3BD18-18<br>MTSN-003-3BD36-18<br>MTSP-003-3BD18-18<br>MTSP-003-3BD36-18                                                                                                                                                                               | <a href="#">132196.00</a><br><a href="#">132198.00</a>                                                                                                                                                                                                            |                                      | <a href="#">Y1999</a><br><a href="#">Y286A</a><br><a href="#">Y541A(-A772)</a><br><a href="#">SY036</a><br><a href="#">SY066</a>                                                                                   | <a href="#">E2009</a><br><a href="#">E2010</a>                            | <a href="#">GT0010A</a><br><a href="#">GT1010A</a>                                                                                  | <a href="#">PDF</a> |
| <a href="#">W184T</a>                       |       | 184T/<br>TC        | 10                  | MTCP2-002-3BD12<br>MTCP2-005-3BD18(C)<br>MTCP2-005-3BD36<br>MTF-00x-1C18<br>MTSP-002-3BD12<br>MTSP-005-3BD18<br>MTSP-005-3BD36                                                                                                                                                                                                               | <a href="#">132197.00</a><br><a href="#">132200.00</a><br><a href="#">132201.00</a><br><a href="#">132440.00</a>                                                                                                                                                  |                                      | <a href="#">Y1372</a><br><a href="#">Y287A</a><br><a href="#">Y540(-A772)</a><br><a href="#">Y543A(-A772)</a><br><a href="#">E2012</a><br><a href="#">E2013</a><br><a href="#">SY007A</a><br><a href="#">SY067</a> | -                                                                         | <a href="#">GT0013A</a><br><a href="#">GT1013A</a><br><a href="#">GT1210A</a><br><a href="#">GT1212A</a><br><a href="#">GT1213A</a> | <a href="#">PDF</a> |
| <a href="#">W213T</a>                       |       | 213T/<br>TC        | 13                  | MTCP2-003-3BD12<br>MTCP2-7P5-3BD18(C)<br>MTCP2-7P5-3BD36<br>MTSP-003-3BD12<br>MTSP-7P5-3BD18                                                                                                                                                                                                                                                 | <a href="#">140819.00</a><br><a href="#">140822.00</a><br><a href="#">141266.00</a>                                                                                                                                                                               |                                      | <a href="#">Y994</a><br><a href="#">Y542(-A772)</a><br><a href="#">Y545(-A772)</a><br><a href="#">E2011</a><br><a href="#">E2016A</a><br><a href="#">E2011A</a><br><a href="#">E2016B</a><br><a href="#">SY068</a> | -                                                                         | <a href="#">GT0016A</a><br><a href="#">GT1016A</a><br><a href="#">GT1216A</a>                                                       | <a href="#">PDF</a> |
| <a href="#">W215T</a>                       |       | 215T/<br>TC        | 15                  | MTCP2-005-3BD12<br>MTCP2-010-3BD18(C)<br>MTCP2-010-3BD36<br>MTSP-005-3BD12<br>MTSP-010-3BD18                                                                                                                                                                                                                                                 | <a href="#">140820.00</a><br><a href="#">140821.00</a>                                                                                                                                                                                                            |                                      | <a href="#">Y996</a><br><a href="#">Y544(-A772)</a><br><a href="#">Y547(-A772)</a><br><a href="#">E2018</a><br><a href="#">E2014A</a><br><a href="#">E2018A</a><br><a href="#">SY069</a>                           | -                                                                         | <a href="#">GT0019A</a><br><a href="#">GT1019A</a><br><a href="#">GT1218A</a><br><a href="#">GT1219A</a>                            | <a href="#">PDF</a> |
| <a href="#">W254T</a>                       |       | 254T/<br>TC        | 18                  | MTCP2-7P5-3BD12<br>MTCP2-015-3BD18(C)<br>MTCP2-015-3BD36<br>MTSP-015-3BD18                                                                                                                                                                                                                                                                   | -                                                                                                                                                                                                                                                                 |                                      | <a href="#">Y546(-A772)</a><br><a href="#">Y549(-A772)</a>                                                                                                                                                         | -                                                                         | <a href="#">GT0059</a><br><a href="#">GT1022A</a><br><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<br>(MTA-BASE-<br>xxx)           | Price | Fits Frame<br>Type | Product Wt.<br>(lb) | Fits Motor                                                                                                                                 |            |                                      |                                                            |                                    | Drawing<br>Links                                                             |                     |
|                                             |       |                    |                     | IronHorse                                                                                                                                  | Leeson®    | WEG<br>(Part number<br>ending in...) | Marathon                                                   |                                    |                                                                              |                     |
|                                             |       |                    |                     |                                                                                                                                            | WashGuard® |                                      | microMAX, Max+, Black<br>Max, Blue Max, SyMAX              | XRI GP & NEMA<br>Premium, Jet Pump |                                                                              | Globetrotter        |
| <a href="#">W256T</a>                       |       | 256T/<br>TC        | 19                  | <a href="#">MTCP2-010-3BD12</a><br><a href="#">MTCP2-020-3BD18(C)</a><br><a href="#">MTCP2-020-3BD36</a><br><a href="#">MTSP-020-3BD18</a> | –          |                                      | <a href="#">Y548(-A772)</a><br><a href="#">Y552</a>        | –                                  | <a href="#">GT0062</a><br><a href="#">GT1025A</a><br><a href="#">GT1225A</a> | <a href="#">PDF</a> |
| <a href="#">W284T</a>                       |       | 284T/<br>TC        | 20                  | <a href="#">MTCP2-015-3BD12</a><br><a href="#">MTCP2-025-3BD18(C)</a>                                                                      | –          |                                      | –                                                          | –                                  | <a href="#">GT0065</a><br><a href="#">GT1028A</a>                            | <a href="#">PDF</a> |
| <a href="#">W286T</a>                       |       | 286T/<br>TC        | 21                  | <a href="#">MTCP2-020-3BD12</a><br><a href="#">MTCP2-030-3BD18(C)</a>                                                                      | –          |                                      | –                                                          | –                                  | <a href="#">GT0067</a><br><a href="#">GT1031A</a>                            | <a href="#">PDF</a> |
| <a href="#">W324T</a>                       |       | 324T/<br>TC        | 30                  | <a href="#">MTCP2-040-3BD18(C)</a>                                                                                                         | –          |                                      | <a href="#">Y571(-A774)</a><br><a href="#">Y513(-A775)</a> | –                                  | <a href="#">GT0073</a><br><a href="#">GT1034A</a>                            | <a href="#">PDF</a> |
| <a href="#">W326T</a>                       |       | 326T/<br>TC        | 31                  | <a href="#">MTCP2-050-3BD18(C)</a>                                                                                                         | –          |                                      | <a href="#">Y572(-A774)</a><br><a href="#">Y514(-A775)</a> | –                                  | <a href="#">GT0077</a><br><a href="#">GT1037A</a>                            | <a href="#">PDF</a> |
| <a href="#">W364T</a>                       |       | 364T/<br>TC        | 43                  | <a href="#">MTCP2-060-3BD18(C)</a>                                                                                                         | –          |                                      | <a href="#">Y573(-A774)</a><br><a href="#">Y515(-A775)</a> | –                                  | <a href="#">GT1040A</a>                                                      | <a href="#">PDF</a> |
| <a href="#">W365T</a>                       |       | 365T/<br>TC        | 43                  | <a href="#">MTCP2-075-3BD18(C)</a>                                                                                                         | –          |                                      | <a href="#">Y574(-A774)</a><br><a href="#">Y516(-A775)</a> | –                                  | <a href="#">GT1043A</a>                                                      | <a href="#">PDF</a> |
| <a href="#">W404T</a>                       |       | 404T/<br>TC        | 58                  | –                                                                                                                                          | –          |                                      | –                                                          | –                                  | –                                                                            | <a href="#">PDF</a> |
| <a href="#">W405T</a>                       |       | 405T/<br>TC        | 60                  | <a href="#">MTCP2-100-3BD18(C)</a>                                                                                                         | –          |                                      | <a href="#">Y575(-A774)</a><br><a href="#">Y517(-A775)</a> | –                                  | <a href="#">GT1046A</a>                                                      | <a href="#">PDF</a> |
| <a href="#">W444T</a>                       |       | 444T               | 63                  | <a href="#">MTCP2-125-3BD18</a>                                                                                                            | –          |                                      | –                                                          | –                                  | <a href="#">GT1049A</a>                                                      | <a href="#">PDF</a> |
| <a href="#">W445T</a>                       |       | 445T               | 65                  | <a href="#">MTCP2-150-3BD18</a>                                                                                                            | –          |                                      | –                                                          | –                                  | <a href="#">GT1052A</a>                                                      | <a href="#">PDF</a> |
| <a href="#">W447T</a>                       |       | 447T               | 89                  | <a href="#">MTCP2-200-3BD18</a>                                                                                                            | –          |                                      | –                                                          | –                                  | <a href="#">GT1055A</a>                                                      | <a href="#">PDF</a> |
| <a href="#">W449T</a>                       |       | 449T               | 94                  | <a href="#">MTCP2-250-3D18</a><br><a href="#">MTCP2-300-3D18</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

## 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<br>MTR2-xxx-1AB36<br>MTPM-xxx-1L18<br>MTPM-xxx-1M18 | 112431.00<br>112527.00<br>112528.00<br>112529.00<br>113583.00<br>114311.00<br>114313.00<br>114317.00<br>191475.00<br>191477.00<br>191479.00 | <a href="#"><u>C158A</u></a><br><a href="#"><u>G915A</u></a><br><a href="#"><u>C175A</u></a><br><a href="#"><u>C167A</u></a><br><a href="#"><u>C179A</u></a><br><a href="#"><u>G937A</u></a><br><a href="#"><u>C185A</u></a><br><a href="#"><u>C187A</u></a><br><a href="#"><u>C193A</u></a><br><a href="#"><u>E261A</u></a><br><a href="#"><u>E268A</u></a><br><a href="#"><u>EG277A</u></a> | <a href="#"><u>D010</u></a><br><a href="#"><u>C169</u></a><br><a href="#"><u>C704</u></a><br><a href="#"><u>D017</u></a> | <a href="#"><u>C216</u></a><br><a href="#"><u>C1153</u></a><br><a href="#"><u>C1155</u></a><br><a href="#"><u>B319</u></a><br><a href="#"><u>D118</u></a><br><a href="#"><u>C1158</u></a><br><a href="#"><u>C235</u></a><br><a href="#"><u>D115</u></a><br><a href="#"><u>C1160</u></a><br><a href="#"><u>C1161</u></a><br><a href="#"><u>B352</u></a> | <a href="#"><u>G570</u></a><br><a href="#"><u>D311</u></a><br><a href="#"><u>G571</u></a><br><a href="#"><u>D312</u></a><br><a href="#"><u>G572</u></a><br><a href="#"><u>D313</u></a><br><a href="#"><u>G573</u></a><br><a href="#"><u>D314</u></a><br><a href="#"><u>G574</u></a><br><a href="#"><u>D315</u></a><br><a href="#"><u>G575</u></a><br><a href="#"><u>D316</u></a> |
| <a href="#"><u>MTA-BASE-W143T</u></a>       |       | 143T / TC       | 4.6              | –                                                                  | –                                                                                                                                           | <a href="#"><u>C188A</u></a>                                                                                                                                                                                                                                                                                                                                                                  | –                                                                                                                        | –                                                                                                                                                                                                                                                                                                                                                      | –                                                                                                                                                                                                                                                                                                                                                                                |
| <a href="#"><u>MTA-BASE-W145T</u></a>       |       | 145TC / TC      | 5.1              | –                                                                  | –                                                                                                                                           | <a href="#"><u>C191</u></a><br><a href="#"><u>I127</u></a><br><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](#).