Brake Motors
Three-Phase General Purpose
Three-Phase General Purpose Brake Motors

Features:

- 1.15 Service Factor
- Manual Release Lever
- AC brake
- Inverter Rated
- IP55 Enclosure
- Dual Frequency (60/60 Hz)

Applications:

- Conveyors
- Door Operators
- Packaging Equipment
- Unit Handling

Spring-Set brake (Solenoid Actuated)

### TEFC - Foot Mount

<table>
<thead>
<tr>
<th>HP</th>
<th>kW</th>
<th>RPM</th>
<th>Frame</th>
<th>Catalog Number</th>
<th>List Price</th>
<th>Mult Symbol</th>
<th>Approx. Shipping Weight (lbs)</th>
<th>Brake Torque (ft-lb)</th>
<th>FL. Amps @ High</th>
<th>FL. Eff (%)</th>
<th>“C” Dimension (in)</th>
<th>Volts</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.25</td>
<td>0.18</td>
<td>1800</td>
<td>W56</td>
<td>.2518ES3EBMW56-S</td>
<td>$928</td>
<td>RSB</td>
<td>24 3 0.50 66.0 14.610</td>
<td>208-230/460</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.33</td>
<td>0.25</td>
<td>1800</td>
<td>W56</td>
<td>.3318ES3EBMW56-S</td>
<td>$977</td>
<td>RSB</td>
<td>26 3 0.66 68.0 14.610</td>
<td>208-230/460</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.5</td>
<td>0.37</td>
<td>1800</td>
<td>W56</td>
<td>.5018ES3EBMW56-S</td>
<td>$1,105</td>
<td>RSB</td>
<td>27 3 1.00 72.0 15.004</td>
<td>208-230/460</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.75</td>
<td>0.55</td>
<td>1800</td>
<td>W56</td>
<td>.7518ES3EBMW56-S</td>
<td>$1,301</td>
<td>RSB</td>
<td>38 6 1.22 75.5 15.397</td>
<td>208-230/460</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>0.75</td>
<td>1800</td>
<td>W56</td>
<td>00118ET3EBM56-S</td>
<td>$1,504</td>
<td>RSB</td>
<td>54 6 1.47 85.5 17.835</td>
<td>230/460</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1800</td>
<td>143T</td>
<td>00118ET3EBM143T-S</td>
<td>$1,729</td>
<td>RSB</td>
<td>55 6 1.47 85.5 17.914</td>
<td>230/460</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.5</td>
<td>1.1</td>
<td>1800</td>
<td>145T</td>
<td>00158ET3EBM145T-S</td>
<td>$1,866</td>
<td>RSB</td>
<td>56 10 2.02 86.5 17.914</td>
<td>230/460</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1.5</td>
<td>1800</td>
<td>145T</td>
<td>00218ET3EBM145T-S</td>
<td>$1,921</td>
<td>RSB</td>
<td>60 10 2.72 86.5 18.307</td>
<td>230/460</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>2.2</td>
<td>1800</td>
<td>182T</td>
<td>00318ET3EBM182T-S</td>
<td>$2,117</td>
<td>RSB</td>
<td>113 15 3.81 89.5 22.992</td>
<td>230/460</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>3.7</td>
<td>1800</td>
<td>184T</td>
<td>00518ET3EBM184T-S</td>
<td>$2,492</td>
<td>RSB</td>
<td>91 25 6.49 89.5 22.992</td>
<td>230/460</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.5</td>
<td>5.5</td>
<td>1800</td>
<td>213T</td>
<td>00718ET3EBM213T-S</td>
<td>$4,563</td>
<td>RSB</td>
<td>151 35 9.07 91.7 26.457</td>
<td>230/460</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>7.5</td>
<td>1800</td>
<td>215T</td>
<td>01018ET3EBM215T-S</td>
<td>$4,989</td>
<td>RSB</td>
<td>165 50 12.2 91.7 26.850</td>
<td>230/460</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>11</td>
<td>1800</td>
<td>254T</td>
<td>01518ET3EBM254T-S</td>
<td>$6,985</td>
<td>RSB</td>
<td>256 75 18.2 92.4 31.220</td>
<td>230/460</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>15</td>
<td>1800</td>
<td>256T</td>
<td>02018ET3EBM256T-S</td>
<td>$9,080</td>
<td>RSB</td>
<td>291 100 24.7 93.0 32.007</td>
<td>230/460</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Three-Phase General Purpose Brake Motors

### TEFC - C-Face - Foot Mount

<table>
<thead>
<tr>
<th>HP</th>
<th>kW</th>
<th>RPM</th>
<th>Frame</th>
<th>Catalog Number</th>
<th>List Price</th>
<th>Mult Symbol</th>
<th>Approx. Shipping Weight (lbs)</th>
<th>Brake Torque (ft.lb)</th>
<th>FL. Amps @ High</th>
<th>FL. Eff (%)</th>
<th>&quot;C&quot; Dimension (in)</th>
<th>Volts</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>1800</td>
<td>56C</td>
<td>00118ET3EBM56C-S</td>
<td>$1,542</td>
<td>RSB</td>
<td>54</td>
<td>1.47</td>
<td>85.5</td>
<td>17.835</td>
<td>230/460</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>143TC</td>
<td>00118ET3EBM143TC-S</td>
<td>$1,767</td>
<td>RSB</td>
<td>55</td>
<td>1.47</td>
<td>85.5</td>
<td>17.914</td>
<td>230/460</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>1.5</td>
<td>1.1</td>
<td>1800</td>
<td>145TC</td>
<td>00158ET3EBM145TC-S</td>
<td>$1,904</td>
<td>RSB</td>
<td>56</td>
<td>2.02</td>
<td>86.5</td>
<td>17.914</td>
<td>230/460</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1.5</td>
<td>1800</td>
<td>145TC</td>
<td>00218ET3EBM145TC-S</td>
<td>$1,959</td>
<td>RSB</td>
<td>60</td>
<td>2.72</td>
<td>86.5</td>
<td>18.307</td>
<td>230/460</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>2.2</td>
<td>1800</td>
<td>182TC</td>
<td>00318ET3EBM182TC-S</td>
<td>$2,189</td>
<td>RSB</td>
<td>113</td>
<td>3.81</td>
<td>89.5</td>
<td>22.992</td>
<td>230/460</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>3.7</td>
<td>1800</td>
<td>184TC</td>
<td>00518ET3EBM184TC-S</td>
<td>$2,564</td>
<td>RSB</td>
<td>91</td>
<td>6.49</td>
<td>89.5</td>
<td>22.992</td>
<td>230/460</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>7.5</td>
<td>5.5</td>
<td>1800</td>
<td>213TC</td>
<td>00718ET3EBM213TC-S</td>
<td>$4,702</td>
<td>RSB</td>
<td>151</td>
<td>9.07</td>
<td>91.7</td>
<td>26.457</td>
<td>230/460</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>7.5</td>
<td>1800</td>
<td>215TC</td>
<td>01018ET3EBM215TC-S</td>
<td>$5,128</td>
<td>RSB</td>
<td>165</td>
<td>12.2</td>
<td>91.7</td>
<td>26.850</td>
<td>230/460</td>
<td>9</td>
<td></td>
</tr>
</tbody>
</table>

### TEFC - C-Face - Footless

<table>
<thead>
<tr>
<th>HP</th>
<th>kW</th>
<th>RPM</th>
<th>Frame</th>
<th>Catalog Number</th>
<th>List Price</th>
<th>Mult Symbol</th>
<th>Approx. Shipping Weight (lbs)</th>
<th>Brake Torque (ft.lb)</th>
<th>FL. Amps @ High</th>
<th>FL. Eff (%)</th>
<th>&quot;C&quot; Dimension (in)</th>
<th>Volts</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.25</td>
<td>0.18</td>
<td>1800</td>
<td>W56C</td>
<td>.2518ES3EBMW56CFL-S</td>
<td>$966</td>
<td>RSB</td>
<td>24</td>
<td>0.50</td>
<td>66.0</td>
<td>14.610</td>
<td>208-230/460</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>0.33</td>
<td>0.25</td>
<td>1800</td>
<td>W56C</td>
<td>.3318ES3EBMW56CFL-S</td>
<td>$1,015</td>
<td>RSB</td>
<td>26</td>
<td>0.66</td>
<td>68.0</td>
<td>14.610</td>
<td>208-230/460</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>0.5</td>
<td>0.37</td>
<td>1800</td>
<td>W56C</td>
<td>.5018ES3EBMW56CFL-S</td>
<td>$1,143</td>
<td>RSB</td>
<td>27</td>
<td>1.00</td>
<td>72.0</td>
<td>15.004</td>
<td>208-230/460</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>0.75</td>
<td>0.55</td>
<td>1800</td>
<td>W56C</td>
<td>.7518ES3EBMW56CFL-S</td>
<td>$1,339</td>
<td>RSB</td>
<td>38</td>
<td>1.22</td>
<td>75.5</td>
<td>15.397</td>
<td>208-230/460</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>0.75</td>
<td>1800</td>
<td>56C</td>
<td>00118ET3EBM56CFL-S</td>
<td>$1,542</td>
<td>RSB</td>
<td>54</td>
<td>1.47</td>
<td>85.5</td>
<td>17.835</td>
<td>230/460</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1800</td>
<td>143TC</td>
<td>00118ET3EBMR143TC-S</td>
<td>$1,767</td>
<td>RSB</td>
<td>55</td>
<td>1.47</td>
<td>85.5</td>
<td>17.914</td>
<td>230/460</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>1.5</td>
<td>1.1</td>
<td>1800</td>
<td>143TC</td>
<td>00158ET3EBMR143TC-S</td>
<td>$1,904</td>
<td>RSB</td>
<td>56</td>
<td>2.02</td>
<td>86.5</td>
<td>17.914</td>
<td>230/460</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1.5</td>
<td>1800</td>
<td>145TC</td>
<td>00218ET3EBMR145TC-S</td>
<td>$1,959</td>
<td>RSB</td>
<td>60</td>
<td>2.72</td>
<td>86.5</td>
<td>18.307</td>
<td>230/460</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>2.2</td>
<td>1800</td>
<td>182TC</td>
<td>00318ET3EBMR182TC-S</td>
<td>$2,189</td>
<td>RSB</td>
<td>113</td>
<td>3.81</td>
<td>89.5</td>
<td>22.992</td>
<td>230/460</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>3.7</td>
<td>1800</td>
<td>184TC</td>
<td>00518ET3EBMR184TC-S</td>
<td>$2,564</td>
<td>RSB</td>
<td>91</td>
<td>6.49</td>
<td>89.5</td>
<td>22.992</td>
<td>230/460</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>7.5</td>
<td>5.5</td>
<td>1800</td>
<td>213TC</td>
<td>00718ET3EBMR213TC-S</td>
<td>$4,702</td>
<td>RSB</td>
<td>151</td>
<td>9.07</td>
<td>91.7</td>
<td>26.457</td>
<td>230/460</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>7.5</td>
<td>1800</td>
<td>215TC</td>
<td>01018ET3EBMR215TC-S</td>
<td>$5,128</td>
<td>RSB</td>
<td>165</td>
<td>12.2</td>
<td>91.7</td>
<td>26.850</td>
<td>230/460</td>
<td>9</td>
<td></td>
</tr>
</tbody>
</table>

Motor Options upon Inquiry:

- Single-Phase Motor
- ODP or TENV Enclosure
- AEGiS® Inside
WEG Electric Corp. offers the following products, and more! With a full range of IEC/NEMA Global Certifications and a full line of products, WEG can supply the right solution for your needs anywhere in the world. To learn more about WEG’s products and solutions or to locate a Distributor near you, please call 1-800-ASK-4WEG or visit www.weg.net.

Low Voltage Motors, Single and 3-Phase, 1/8 – 700HP
- General Purpose Motors
- Explosion Proof Motors
- Crusher Duty Motors
- IEC Tru-Metric Motors
- Pump Motors including JP/JM
- P-Base Pump Motors
- Oil Well Pumping Motors
- Pool & Spa Motors
- Brake Motors
- Compressor Duty Motors
- Farm Duty Motors
- Poultry Fan Motors
- Auger Drive Motors
- IEEE 541 Motors
- Stainless Steel Wash Down Motors
- Saw Arbor Motors
- Cooling Tower Motors
- Commercial HVAC Motors
- Pad Mounted Motors
- Vector Duty Motors

Large Electric Motors
- Low Voltage 3-phase motors up to 2,500HP
- Induction Motors up to 70,000HP and 13,200V
- Wound Rotor Systems (including starters) up to 70,000HP and 13,200V
- Synchronous Motors up to 200,000HP and 13,200V
- Explosion proof motors (Ex-d) up to 1,500kW and 11kV
- Ex-n, Ex-e, Ex-p motors

Variable Frequency Drives
- Low Voltage 1/4 to 2500HP, 230V – 480V
- Medium Voltage 500-10,000HP
- Multi-pump systems
- NEMA 4X
- Dynamic braking resistors
- Line and load reactors
- Plug and play technology
- Network communications: Profibus-DP, DeviceNet, Modbus-RTU
- PLC functions integrated
- Complete line of options and accessories

Soft Starters
- 3-1500HP
- Oriented start-up
- Built-in bypass contactor
- Universal source voltage (230-575V, 50/60Hz)
- Network communications: Profibus-DP, DeviceNet, Modbus-RTU
- Complete Line of options and accessories
- MV Soft-starter 3.3kV, 4.16kV: up to 3500HP, Withdrawable Power Stacks, & 8x PT100 Temperature monitoring

Controls
- Mini – Contactors
- IEC Contactors
- Thermal Overload Relays
- Manual Motor Protectors
- Molded Case Circuit Breakers
- Smart Relays
- Enclosed Starters: combination & non-combination
- Pushbuttons & Pilot Lights
- Timing & Motor Protection Relays
- Terminal Blocks

Custom Panels
- Custom configured to your specification.
- NEMA 1, 12, 3R, 4 and 4X cabinets
- Quick delivery of preconfigured drives and soft starters
- UL 508 certified
- Low Voltage (230-460)
- Made in the U.S.A.

Generators
- Brushless Synchronous Generators for diesel gen-sets up to 4,200kVA
- Hydro-generators up to 25,000kVA
- Turbo-generators up to 175,000kVA

Power Transformers
- Built and engineered in North America
- Voltages < 345kV
- Ratings 5-250MVA
- Station class, oil filled, round core, copper windings
- Special configurations and designs available!
- Ask your WEG Sales Representative for details.

Custom Solution Package Sales
- WEG can package any of its products for ease of sale! Enjoy a single point of contact for the entire package of products and assistance from quote through after-sales support. Ask your WEG Sales Representative for details.