The 125 Series is a cost effective drive that incorporates up-to-date design and engineering into a compact package. Installation and field adjustments are facilitated using a barrier type terminal strip and large, easily adjusted trimpots. Standard features include an inhibit circuit for start-stop operation and 1% speed regulation over a 50:1 speed range. Long life and quality are assured by 100% full load testing. The 125 Series is ideal for applications such as: office machinery, conveyors, packaging equipment, printers, conveyorized tunnels, process equipment, centrifuges, and exercise equipment.
125 SERIES FEATURES + SPECIFICATIONS

- Dual Voltage 120/240 VAC or 24/36 VAC, 50/60Hz
- ± 10% rated line voltage
- Adjustable horsepower settings
- Barrier terminal strip
- Full wave bridge supply
- 1% speed regulation
- Adjustable Minimum speed (0–30% of base)
- Adjustable Maximum speed (66–100% of base)
- Adjustable IR Compensation
- Adjustable Current Limit
- Adjustable Linear Acceleration & Deceleration
- -10° to +45°C ambient temperature
- Line voltage compensation
- 5K ohm speed potentiometer kit included
- 50:1 speed range
- Overload capacity: 200% for one minute
- Transient voltage protection
- Voltage follower mode - isolated signal (0–10 VDC)
- Inhibit circuit—permits low power start & stop

<table>
<thead>
<tr>
<th>Model</th>
<th>Width</th>
<th>Length</th>
<th>Depth</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>123D</td>
<td>3.63 in</td>
<td>4.25 in</td>
<td>1.30 in</td>
<td>12.5 oz</td>
</tr>
<tr>
<td>125DV-C</td>
<td>3.63 in</td>
<td>4.25 in</td>
<td>1.30 in</td>
<td>12.5 oz</td>
</tr>
<tr>
<td>125DV200E</td>
<td>5.00 in</td>
<td>9.50 in</td>
<td>5.50 in</td>
<td>64 oz</td>
</tr>
</tbody>
</table>

**Options**

- **-29 switch option**
- **-5 option**
- **-55H125 option**
- **-2A option**

**OPTION DESCRIPTION**

- **-HS:** Auxiliary heat sink doubles stated current / HP rating
- **-K:** Fixed Acceleration rate of 6 seconds
- **-L:** UL Listed version (applies to 125DV-C chassis models only. All enclosed models are UL Listed)
- **-1:** Speed Pot Interlock - when AC power is applied, speed pot must be turned full CCW to start drive
- **-2A:** Adds linear ACCEL and DECEL adjustment. Already included in Enclosed models
- **-4:** Jog - momentary switch will jog motor at speed pot setting - enclosed models only
- **-5:** Isolated 4-20mA signal follower input - loop power NOT provided
- **-7:** Same as -5 option, with provision to add manual speed pot for Auto/Manual operation
- **-15B:** Fixed Acceleration rate of 4 seconds
- **-29:** 4PDT center block (no pass) switch motor reversing. Cuts off supply power while changing motor direction
- **-55H125:** Isolated 0-5 to 0-250VDC signal follower input
- **-56H125:** Same as -55H125, with provision to add manual speed pot for Auto/Manual operation

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**Base Model**

<table>
<thead>
<tr>
<th>Model</th>
<th>Supply Voltage</th>
<th>Motor Voltage</th>
<th>Current</th>
<th>HP Body</th>
<th>-HS</th>
<th>-K</th>
<th>-L</th>
<th>-1</th>
<th>-2A</th>
<th>-4</th>
<th>-5</th>
<th>-7</th>
<th>-15B</th>
<th>-29</th>
<th>-55</th>
<th>-56</th>
</tr>
</thead>
<tbody>
<tr>
<td>123D-C</td>
<td>24-36 VAC</td>
<td>24-36 VDC</td>
<td>5.5 ADC</td>
<td>N/A</td>
<td>C</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>125DV-C</td>
<td>120/240 VAC</td>
<td>90/180 VDC</td>
<td>5.5 ADC</td>
<td>1/8-1</td>
<td>C</td>
<td>F</td>
<td>F</td>
<td>F</td>
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<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>F</td>
<td>F</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>125DV200EB</td>
<td>120/240 VAC</td>
<td>90/180 VDC</td>
<td>10 ADC</td>
<td>1/8-2</td>
<td>E</td>
<td>N/A</td>
<td>N/A</td>
<td>F</td>
<td>N/A</td>
<td>S</td>
<td>F</td>
<td>N/A</td>
<td>N/A</td>
<td>F</td>
<td>N/A</td>
<td>F</td>
</tr>
<tr>
<td>125DV200EW</td>
<td>120/240 VAC</td>
<td>90/180 VDC</td>
<td>10 ADC</td>
<td>1/8-2</td>
<td>E</td>
<td>N/A</td>
<td>N/A</td>
<td>F</td>
<td>N/A</td>
<td>S</td>
<td>F</td>
<td>N/A</td>
<td>N/A</td>
<td>F</td>
<td>N/A</td>
<td>F</td>
</tr>
</tbody>
</table>

C – open chassis
E – NEMA 4X enclosed
S - Standard Feature
F - Option is available as Factory Installed only
N/A – Option Not available
√ - Option is available

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