GSD Series DC Drives
Ironhorse DC drives that can accommodate DC motors
1/50HP @ 12VDC up to 3HP @ 240VAC

GSD1 Series
- Low Voltage PWM
- 12/24/36/48 VDC input
- Up to 20A output current

GSD3 Series
- Small, compact
- 12/24VAC, 120/240VAC input
- Up to 3A output current

GSD4 Series
- Economical, general purpose
- 24/36VAC, 120/240VAC input
- Up to 10A output current

GSD5 Series
- General purpose, many enclosed options
- 120/240VAC input
- Up to 10.8A output current

GSD6 Series
- Full featured, up to 3HP
- 120/240VAC input
- Up to 15A output current

GSD7 Series
- Reversing
- 120 or 240VAC input
- Up to 10A output current

GSD8 Series
- Programmable digital DC drives
- 120 or 240VAC input
- Up to 10A output current

GSDA-DP
Digital Potentiometer:
- Provides speed reference to drives
- Configurable for any unit
- Scalable, repeatable, simple
- Easy for operators to set precisely

For the latest prices, please check AutomationDirect.com.
Why choose a DC drive?

DC motors and drives provide several advantages and benefits over AC-powered devices:

- Inexpensive – DC drives are typically less expensive than AC drives
- Low speed performance – DC drives and motors provide excellent low speed control and stability
- Low speed power – DC motors provide exceptional low speed torque and power
- Simple – our DC drives are typically configured with potentiometers
- GSD8 series offers simple parameter setup with more advanced feature

Choose the DC drive you need below

<table>
<thead>
<tr>
<th>Frame</th>
<th>Input Voltage</th>
<th>Amps</th>
<th>Motor HP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>12/24/36/48VDC</td>
<td>10</td>
<td>1/50 - 1/2</td>
</tr>
<tr>
<td></td>
<td>12/24VDC</td>
<td>15</td>
<td>1/50-5/16</td>
</tr>
<tr>
<td></td>
<td>12/24VAC</td>
<td>3</td>
<td>1/50-1/25 (12V); 1/25-1/12 (24V)</td>
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<tr>
<td></td>
<td>120/240VAC</td>
<td>3</td>
<td>1/50-1/3 (90V); 1/25 - 2/3 (180V)</td>
</tr>
<tr>
<td>Enclosed</td>
<td>120/240VAC</td>
<td>5</td>
<td>1/2 (90V); 1 (180V)</td>
</tr>
<tr>
<td></td>
<td>12/24/36/48VDC</td>
<td>10</td>
<td>1/8 - 1 (90V); 1/4 - 2 (180V)</td>
</tr>
<tr>
<td></td>
<td>240VAC</td>
<td>2</td>
<td>1/50-1/40 (12V); 1/25-1/20 (24V)</td>
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<tr>
<td></td>
<td>24/36VAC</td>
<td>.15 - 5.5</td>
<td>1/50-1/6</td>
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<tr>
<td></td>
<td>120/240VAC</td>
<td>1.2</td>
<td>1/50-1/8 (90V); 1/25-1/4 (180V)</td>
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<tr>
<td>Open Frame</td>
<td>120/240VAC</td>
<td>15</td>
<td>1/8-1.5 (90V); 1/4-3 (180V)</td>
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<tr>
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<td>240VAC</td>
<td>2</td>
<td>1/50-1/6 (90V); 1/25-1/3 (180V)</td>
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<tr>
<td></td>
<td>120VAC</td>
<td>1.2</td>
<td>1/50-1/8 (90V); 1/25-1/4 (180V)</td>
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<tr>
<td></td>
<td>120VAC</td>
<td>5.5</td>
<td>1/8-1 (90V); 1/4-1 (180V)</td>
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<tr>
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<td>240VAC</td>
<td>5.5</td>
<td>1/8 to 1</td>
</tr>
<tr>
<td></td>
<td>240VAC</td>
<td>1.2</td>
<td>1/25 to 1/4</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>1/4 to 2</td>
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