

# GSD7-120-5CR3 Cut Sheet



IronHorse GSD7 series DC reversing drive, 120 VAC, 1-phase, 1/8 to 1/2hp at 90 VDC, 5.5A, open frame, panel mount, built-in reverse, maximum 3 reverses/minute, potentiometer input, SCR output.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/GSD7-120-5CR3>

## Technical Specifications

<b>Brand</b>	IronHorse
<b>Item</b>	Drive
<b>Controller Type</b>	Reversing
<b>Series</b>	GSD7
<b>Voltage Type</b>	DC
<b>Number of Input Phases</b>	1
<b>Nominal Drive Input Voltage</b>	120 VAC
<b>Nominal Drive Output Voltage</b>	Output up to 90 VDC
<b>Horsepower by Voltage</b>	1/8 to 1/2hp at 90 VDC
<b>Amperage Rating</b>	5.5A
<b>Variable Torque Amperage Rating</b>	500 mA - 5.5A
<b>Control Mode</b>	DC
<b>Safe Torque Off (STO)</b>	No
<b>Temperature Rating</b>	-10 to 45 deg C

<b>Enclosure Type</b>	Open frame
<b>IP Rating</b>	IP00
<b>Mounting</b>	Panel
<b>Input Signal</b>	Potentiometer input
<b>On/Off Switch</b>	No
<b>Shunt Field Supply</b>	Yes
<b>Output Type</b>	SCR output
<b>Reverse Capability</b>	Built-in
<b>Reverse Cycle Frequency</b>	Maximum 3 reverses/minute
<b>Output Frequency Range</b>	DC
<b>Connector Type</b>	Screw terminals
<b>SCCR Rating</b>	SCCR exempt
<b>For Use With</b>	Permanent magnet DC, shunt wound DC and universal motors
<b>Includes</b>	Speed potentiometer with knob and 0-100% faceplate

## Agency Approvals

<b>UL Listed File #</b>	E333109
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	None
<b>CSA File #</b>	None
<b>RoHS Status</b>	No
<b>EU REACH</b>	View EU REACH document

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/GSD7-120-5CR3.pdf>  
See store item page for other formats.