



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



GSD1-48-10C GSD1-24-15N4X GSD1-48-10N4X GSD1-48-20C

GSD3 Series

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



GSD3-240-2CJ GSD3-240-2CL GSD3-240-3N4 GSD3-24A-2CJ GSD3-24A-2CL GSD3-24A-3N4

GSD4 Series

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



GSD4-240-10N4X GSD4-24A-5C GSD4A-240-2C GSD4A-240-6C

GSD5 Series

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



GSD5-240-10C GSD5-240-10N4 GSD5-240-10N4-A GSD5-240-10N4-R GSD5-240-10N4-V

GSD6 Series

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



GSD6-240-15C

GSDA-DP

Digital Potentiometer:

- Provides speed reference to drives
- Configurable for any unit
- Scalable, repeatable, simple
- Easy for operators to set precisely



GSD7 Series

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



GSD7-120-10CR30 GSD7-120-1CR3 GSD7-120-1CR30 GSD7-120-5CR3 GSD7-240-10CR30 GSD7-240-1CR3 GSD7-240-5CR3

GSD8 Series

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



GSD8-240-5C GSD8-240-5C-D GSD8-240-10C-D GSD8-240-10N4X GSD8-240-10N4X-A GSD8-240-10N4X-U

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

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

