

Original Drive

Drive: ACS FEEDROLL

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Set Up Parameters

Drive Type:	1398-DDM-019-DN
Motor Type:	N-3412-2-H
Operation Mode:	Follower: Master Encoder
Operation Mode Override:	Preset Velocities
Drive Communications:	8 Data, 1 Stop, No Parity
Baud Rate:	9600
Drive Address:	0
Motor Encoder Output:	Divide by 1

Drive Parameters

Gear Ratio:	4427 : 1000
Slew Rate:	Disabled
Follower Input Rotation:	Reverse
Preset 0:	350 RPM
Preset 1:	50 RPM
Preset 2:	0 RPM
Preset 3:	0 RPM
Preset 4:	0 RPM
Preset 5:	0 RPM
Preset 6:	0 RPM
Preset 7:	0 RPM
Preset Acceleration Limit:	35 RPM/sec.
Preset Deceleration Limit:	500 RPM/sec.

li	Software Positive Peak Current Lim	5t
::		000 Amps

li	Software Negative Peak Current Lim	5t
::		000 Amps

Zero Speed:	3 RPM
Speed Window:	10 RPM
At Speed:	2000 RPM
Following Error Time:	100 msec.
Following Error Window:	100 counts
In Position Time:	5 msec.
In Position Window:	20 counts
Overspeed Fault Limit:	5000 RPM
Average Current Fault Limit:	5.898 Amps

Input/Output Configuration

Digital Input 1:	Follower Enable
Digital Input 2:	Not Assigned
Digital Input 3:	Not Assigned

Digital Output 1:	Not Assigned
Digital Output 2:	Not Assigned
Active Brake Delay:	0 msec.
Inactive Brake Delay:	0 msec.
Analog Output 1:	Velocity - Motor Feedback
Scale:	550 RPM/Volt
Offset:	0 millivolts

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Drive Tuning

P Gain:	469
I Gain:	156
Kp Gain:	4.00
Kd Gain:	0.00
Kff Gain:	100
Ki Gain:	0.00
Ki Zone:	1000 counts
Low Pass Filter:	Disabled

Drive Information

Serial Number:	1JAV6EM1
Regulator Board Revision:	
Power Board Revision:	
Final Assembly Revision:	
Firmware Version:	1.53
Masked ROM Version:	2.1
Motor Table Version:	1.11

New Drive

Set Up Parameters

Drive Type:	1398-DDM-019-DN
Motor Type:	N-3412-2-H
Operation Mode:	Follower: Master Encoder
Operation Mode Override:	Preset Velocities
Drive Communications:	8 Data, 1 Stop, No Parity
Baud Rate:	9600
Drive Address:	0
Motor Encoder Output:	Divide by 1

Drive Parameters

Gear Ratio:	4427 : 1000
Slew Rate:	Disabled
Follower Input Rotation:	Reverse
Preset 0:	350 RPM
Preset 1:	50 RPM
Preset 2:	0 RPM
Preset 3:	0 RPM
Preset 4:	0 RPM
Preset 5:	0 RPM
Preset 6:	0 RPM
Preset 7:	0 RPM
Preset Acceleration Limit:	35 RPM/sec.
Preset Deceleration Limit:	500 RPM/sec.
Software Positive Peak Current Limit:	15.000 Amps
Software Negative Peak Current Limit:	15.000 Amps
Zero Speed:	3 RPM
Speed Window:	10 RPM
At Speed:	2000 RPM
Following Error Time:	100 msec.
Following Error Window:	100 counts
In Position Time:	5 msec.
In Position Window:	20 counts
Overspeed Fault Limit:	5000 RPM
Average Current Fault Limit:	5.898 Amps

Input/Output Configuration

Digital Input 1:	Follower Enable
Digital Input 2:	Not Assigned
Digital Input 3:	Not Assigned
Digital Output 1:	Not Assigned
Digital Output 2:	Not Assigned
Active Brake Delay:	0 msec.
Inactive Brake Delay:	0 msec.
Analog Output 1:	Velocity - Motor Feedback
Scale:	550 RPM/Volt
Offset:	0 millivolts

Drive Tuning

P Gain:	469
I Gain:	156
Kp Gain:	4.00
Kd Gain:	0.00
Kff Gain:	100
Ki Gain:	0.00
Ki Zone:	1000 counts
Low Pass Filter:	Disabled

Drive Information

Serial Number:	1JAM8BH6
Regulator Board Revision:	D
Power Board Revision:	A
Final Assembly Revision:	B
Firmware Version:	1.39
Masked ROM Version:	1.0
Motor Table Version:	1.11