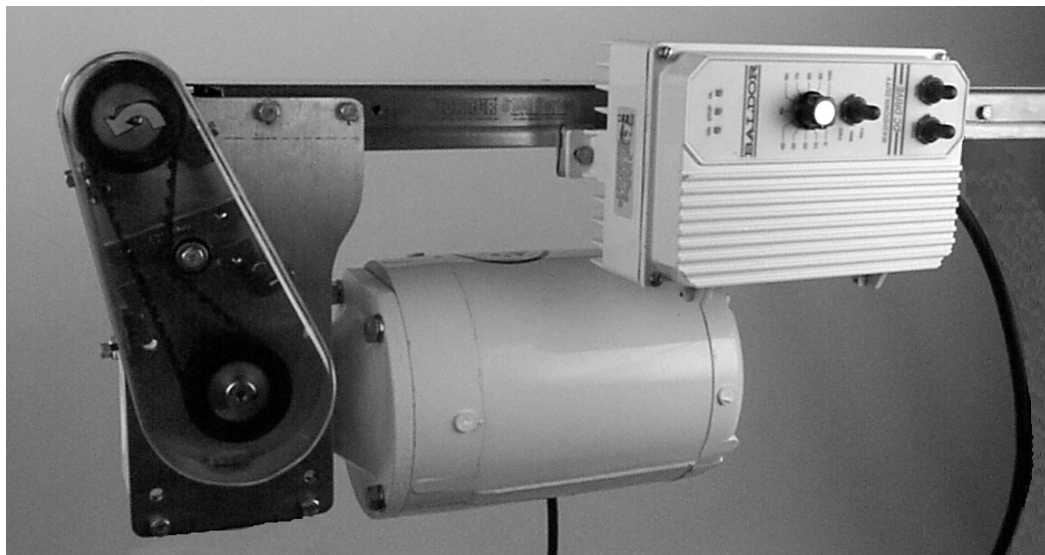


62MD1191S, Sanitary Variable Speed DC Controller

Set-up, Operation & Maintenance Manual



WARNING



- The safety alert symbol, black triangle with white exclamation, is used to alert you to potential personal injury hazards.
- Controller must be properly grounded. Failure to properly ground controller may cause injury to personnel.
- If fuses need to be replaced, they must always conform to the values and ratings specified.
- NEVER operate equipment without guards or other protective devices properly secured in place. To prevent injury, make sure all electrical power sources have been disconnected and locked-out before you perform any maintenance, make any adjustments or replace any components, unless instructed otherwise.

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Introduction

NOTE: All technical data in this publication is based on the product information available at time of printing. Dorner reserves the right to make changes at any time without notice or obligation to install those changes on units previously delivered.

Some illustrations in this manual may show guards or other protective devices open or removed. Under no circumstances should the equipment be operated without these devices securely in place.

Product Description

The Dorner 62MD1191S, Sanitary Variable Speed DC Controller (Figure 1) is a DC motor speed control for a Heavy Load Sanitary DC gearmotor.

NOTE: For additional information, refer to the Baldor? Installation and Operating Manual for model BCWD140 shipped with your controller.

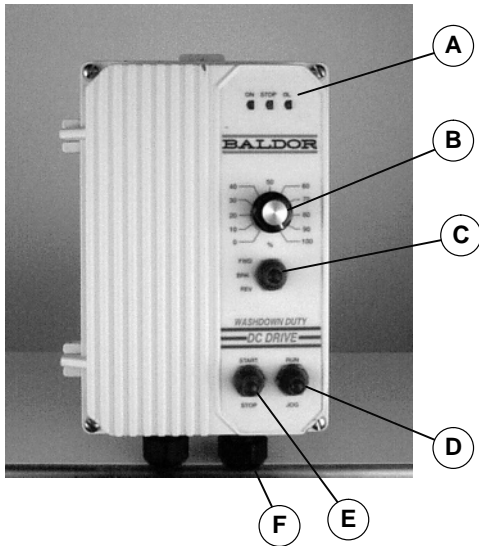


Illustration References	
A	"ON" = Power ON Indicator "STOP" = STOP switch Indicator "OL" = Motor Current OVERLOAD Indicator
B	Variable Speed Knob
C	"FWD-BRK-REV" (Forward-Brake-Reverse) Switch
D	"RUN-JOG" Switch
E	"START-STOP" Switch
F	Line Connection Cord Grip
G	L1 & L2 Line Connections
H	Ground Connection
I	Stainless Steel Mounting Clips (2x)
J	M6 x 16 mm Stainless Steel Hex Head Cap Screws (2x)

Figure 1

Specifications

Description	1 Hp (0.75 kw) Maximum Variable Speed Controller
Enclosure	NEMA Type 4 (IP65)
Input Voltage & Current	115 volts A.C., Single Phase 60 Hz @ 15 Amperes
Output Voltage & Current	0 to 90 volts D.C., 10.2 Amperes

Installation

Dorner Mfg. Corp. makes every effort to properly package and ship its products. Upon receipt, inspect all packages for any shipping damage. Notify the carrier immediately, when

problems are first discovered. Compare the shipment with the packing slip and contact the factory about any discrepancies (see back page for phone number).

Wiring

	WARNING	
<p>Controller must be properly grounded. Failure to properly ground control box may cause injury to personnel.</p>		

1. Insert line cord through cord grip (F of Figure 2). Terminate 115 volt, single phase line to L1 and L2 connection (G). Terminate ground to connection (H).

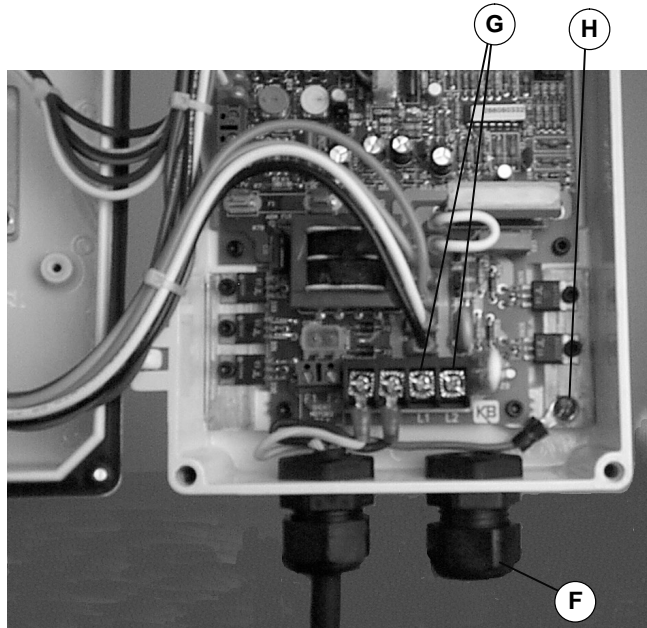


Figure 2

Mounting

2. Position clips (I of Figure 3) as shown.

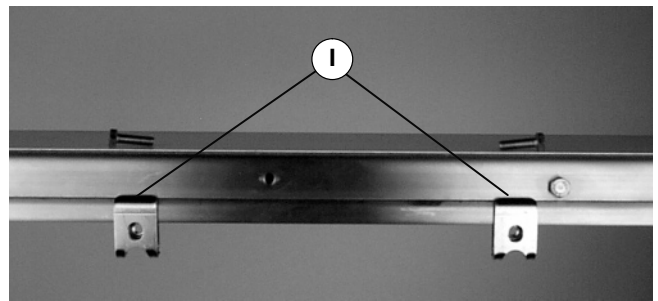


Figure 3

3. Secure controller to clips with M6 x 16 stainless steel hex head cap screws (J of Figure 4) as shown.

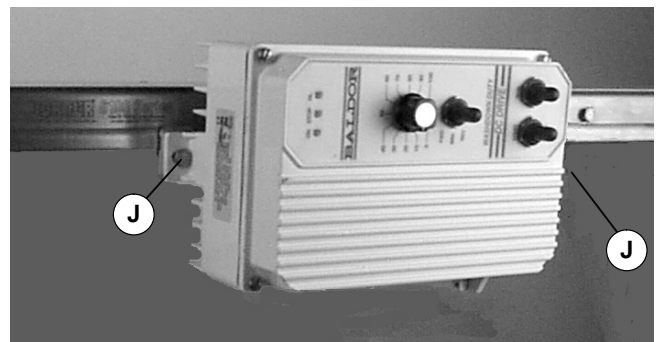




Figure 4

Controller Setup

	WARNING	
<p>To prevent injury, make sure all electrical power sources have been disconnected and locked-out before you perform any maintenance, make any adjustments or replace any components.</p>		

When purchased with a gearmotor, Dorner configures the 62MD1191S, Sanitary Variable Speed DC Controller as follows:

- Input voltage jumper to 115 VAC
- Output voltage jumper to 90 VDC
- Armature current jumper to 5 Amp for 1/3 Hp motor
- Armature current fuse is 5 amperes
- Acceleration trim pot is set for 1 second
- Deceleration trim pot is set for 1 second

NOTE: For additional information or desired settings other than listed, refer to the Baldor Installation and Operating Manual for the BCWD140 model shipped with your controller.

RETURN POLICY

No returns will be accepted without prior written factory authorization. When calling for authorization, please have the following information ready for the Dornier Factory representative or your local distributor:

1. Name and address of customer.
2. Item(s) being returned.
3. Reason for return.
4. Customer's original order number used when ordering the item(s).
5. Dornier or distributor invoice number.

A representative will discuss action to be taken on the Returned items and provide a Returned Goods Authorization Number to reference.

There will be a 15% restocking charge on all new items returned for credit where Dornier was not at fault. These will not be accepted after 60 days from original invoice date. The restocking charge covers inspection, cleaning, disassembly, and reissuing to inventory.

If a replacement is needed prior to evaluation of returned item, a purchase order must be issued. Credit (if any) is issued only after return and evaluation is complete.

- Dornier has representatives throughout the world. Feel free to contact Dornier for the name of your local representative. Our technical sales and service staff will gladly help with your questions on Dornier products.

**For replacement parts, contact an authorized
Dornier Service Center or the factory.**

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