Super Swayless® Floor Mounted Installation Procedure

for use with WF-RDD4 Damping Devices and SSL-FMB-48 Mounting Brackets

IMPORTANT: READ THIS FIRST

FAILURE TO FOLLOW DRAKA EHC INSTALLATION PROCEDURES WILL INVALIDATE ANY WARRANTY AND COULD ENDANGER PUBLIC SAFETY.

POSITIONING THE DAMPING DEVICES FOR STEADI-FLEX INSTALLATIONS

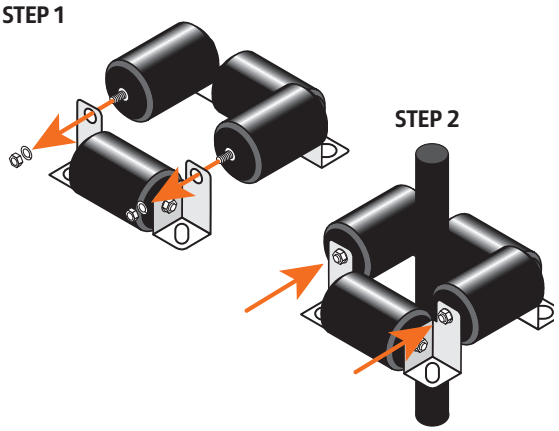
AT REST, STEADI-FLEX CABLES SHOULD LIGHTLY CONTACT THE ROLLER ON THE INSIDE OF THE LOOP. WHEN THE CAR MOVES, THE CABLE WILL MOVE TO THE CENTER OF THE DAMPING DEVICE. POSITION THE BRACKET ACCORDINGLY. SEE THE *COMPENSATION CABLE INSTALLATION GUIDE* FOR COMPLETE INSTRUCTIONS.

BEFORE ASSEMBLY

Have work gloves, one 3/4 inch socket wrench, a hammer and a rotary hammer drill with a 1/2 inch bit capable of drilling a 2 3/4 inch deep hole. The compensation cable should already be installed.

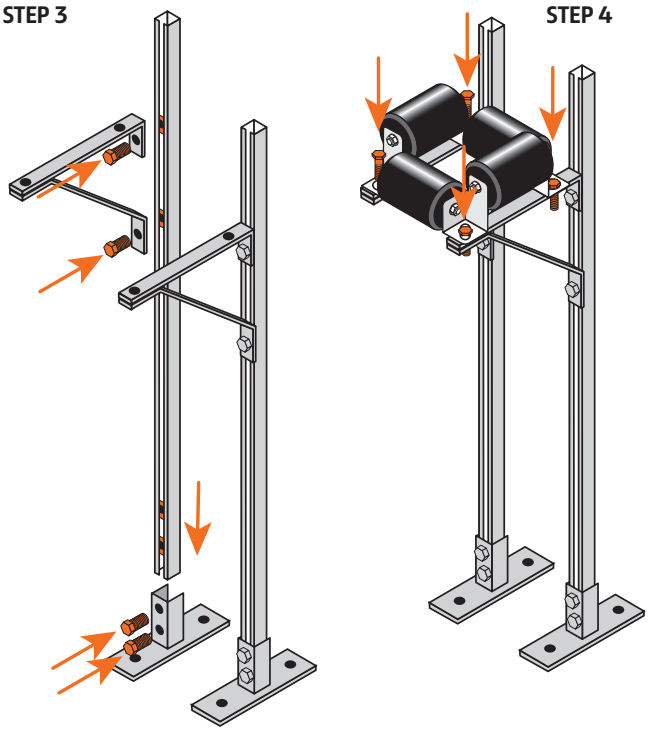
Step 1: Remove one side of the Super Swayless by loosening the nuts and washers of the corner brackets as shown.

Step 2: Place the cable inside the device. Re-attach the corner brackets - make sure that the axles are all the way through them. Replace and tighten all the washers and nuts.



Step 3: Assemble the two legs as shown. Place the four channel nuts inside the channel. Use two of them with the bolts to attach the support. Use the other two channel nuts and bolts to attach the base.

Step 4: Attach the Super Swayless to the leg assembly through the slots in the corner brackets using 1/2" x 1" bolts and nuts. Make sure that there are isolation pads between each corner bracket and the support. (To better show the installation, the cable is not shown in the diagram.)



Draka EHC

A Brand of Prysmian Group

Draka EHC
2151 N. Church Street | Rocky Mount, NC 27804
+1-877-DRAKA EP (877-372-5237)
www.DrakaEHC.com | www.prysmiangroup.com

Draka EHC SuperSwayless floor install 300822

JCC-XX Installation Kit Instructions (cont'd)

Step 6 - Attach the U-bolt: Mount the U-bolt so that the distance from the counterweight bracket to the U-bolt matches the loop width measurements listed in the table on the front of this sheet.

Step 7 - Form the Safety Loop: Use the mesh grip to form a safety/adjustment loop beneath the car. To prevent slippage, wrap the base of the grip with several wraps of electrical tape. Use the S-Hook hanging from the U-bolt to support the wire mesh grip.

Step 8 - Attach the car support bracket: Attach the second bracket to the car frame. This should be located 24 to 36 in • 60 to 90 cm from the U-bolt. **NOTE: The counterweight bracket, U-bolt and car support bracket must all be aligned across their centers as seen from above (see diagram right).**

Step 9 - Attach the cable to the car: Terminate the exposed chain link underneath the car by attaching the chain to the bracket.

Step 10 - Attach the cable tie: Using the cable tie, form an approx. 3 in • 76 mm diameter loop around the safety loop portion of the cable. Hang the tie-wrap on the S-hook so the cable is vertical when exiting the top of the mesh grip.

Note on using a second cable: To balance the load on an elevator car, it may be necessary to distribute the compensation weight between two lengths of cable. If this is desired, space the lengths evenly about the centerline of the counterweight and the elevator cab (see Second Cable Arrangement right). Ensure that both lengths remain parallel at all times and have similar loop dimensions.

FINAL INSPECTION

Ensure that all bolts are installed properly and tightened. As with any elevator product, a routine inspection plan should be implemented to maximize product safety and performance.

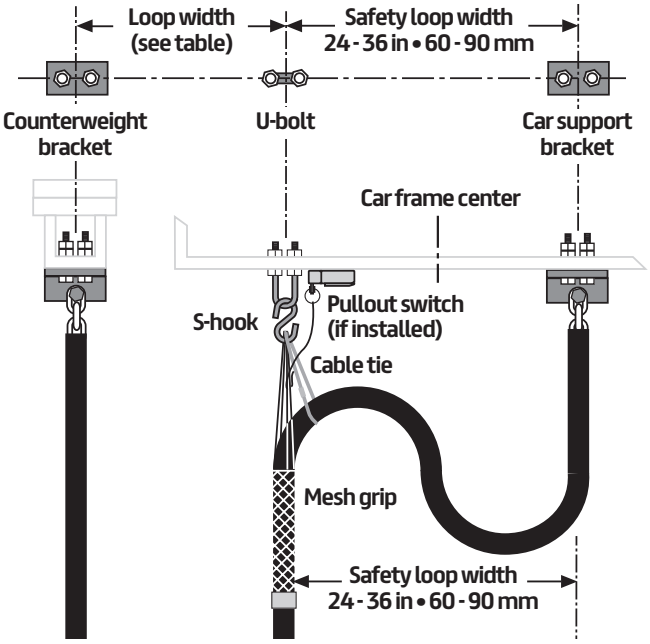
DAMPING DEVICES ARE RECOMMENDED FOR HIGH-SPEED APPLICATIONS

At higher speeds, damping devices (WF-SRD/WF-DSRD) are specified to contain cable sway.

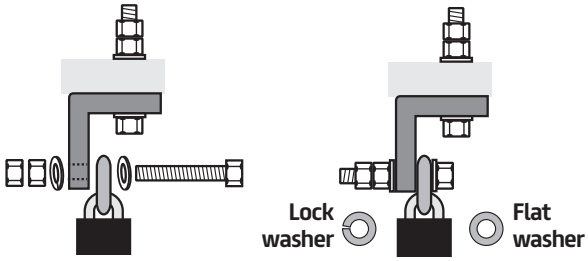
The SwayLess™ (WF-SRD) device is composed of a brass ring with a urethane base and recommended for elevator rated speeds of 350 to 500 ft/min [1.78 to 2.54 m/s].

The Super SwayLess™ (WF-DSRD) device is composed of four overlapping rollers which form a box opening. The WF-DSRD is recommended for elevator rated speeds of 500 to 700 ft/min [2.54 to 3.56 m/s]. Both devices, along with installation kits, are available from Draka EHC.

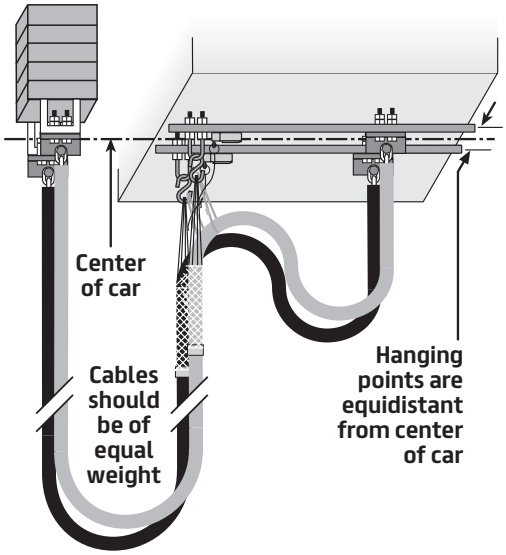
STEPS 6 THRU 10 WHEN COMPLETED



STEP 9 - SIDE VIEW OF CABLE/BRACKET ATTACHMENT



SECOND CABLE ARRANGEMENT



Draka EHC

A Brand of Prysmian Group

Draka EHC
2151 N. Church Street | Rocky Mount, NC 27804
+1-877-DRAKA EP (877-372-5237)
www.DrakaEHC.com | www.prysmiangroup.com