Draka Elevator Products, Inc.

SwayLess™ Dampening Device Installation Procedure

IMPORTANT! SwayLess Dampening Device is to be used as recommended by Draka Elevator Products, Inc. The SwayLess device's only application is as a dampening device for round compensating cable with an O.D. no greater than 1.8" on elevator cars with speeds up to 499ft/min · 2.54m/sec.

Installation Tools Needed: 9/16" (or 14mm) Socket Wrench

Installation Steps

- Remove brass ring insert from box.
- Open brass ring insert. Be careful of sharp edges on the brass ring insert when opening and closing the ring.
- Place brass ring insert around compensating cable. **See Fig.1**. Compensating cable must have round shape/cross section. SwayLess device is not designed for bare chain.
- Close brass ring insert.
- Remove SwayLess base unit from box.
- Open SwayLess base. It may be necessary to loosen the 3-in. bolt to open the SwayLess dampening device.
- Place SwayLess base around brass ring insert. **See Fig. 2**.
- Close SwayLess base unit around brass ring insert so that the Insert seats inside the groove at the center of the SwayLess base.
- Push 3-in. bolt through SwayLess base and tighten so that the device will not open.

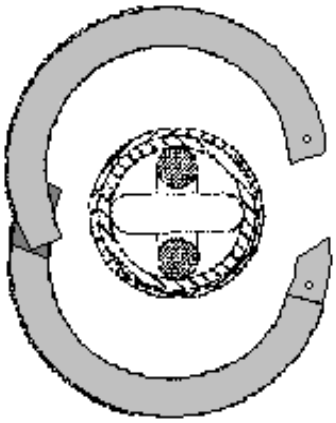

Fig. 1 Brass ring insert

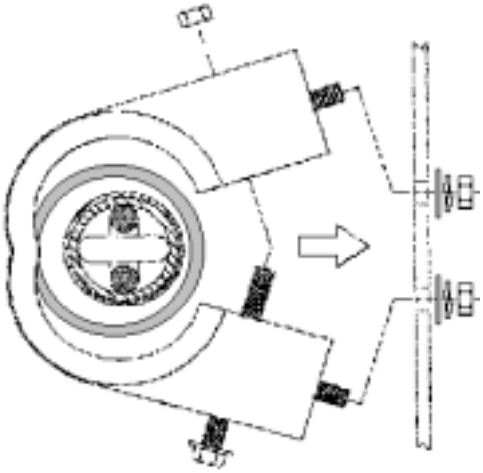

Fig. 2 Installing SwayLess

When Installing the SwayLess

To insure maximum performance, install the SwayLess device so the brass ring insert's hinge and opening avoid cable contact. **See Fig. 3**.

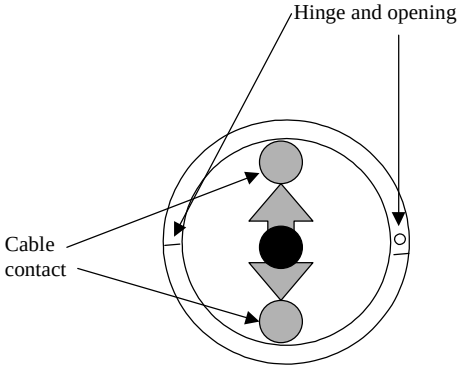

Fig. 3 Maximum Performance

Maintaining SwayLess Performance

The brass ring insert is a barrier between the compensating cable and the SwayLess device to prevent cable wear. The brass ring will wear down during use and may need to be replaced every year in its service. To extend ring life potential, open the SwayLess base and turn the ring 30º each six months or when excessive wear is visibly noticed on the brass ring. **See Fig. 4**. *The compensating cable must not be in constant contact with the black base unit as this will result in excessive cable wear.*

<u>To turn the ring</u>

- Remove device from its mounting bracket.
- Loosen the 3-in. bolt in the SwayLess device so that the ring is no longer fixed.
- Rotate the ring 30º from the cable contact area. This will allow the cable to contact a new, unworn area of the ring and increase the life and performance potential of the brass ring insert.

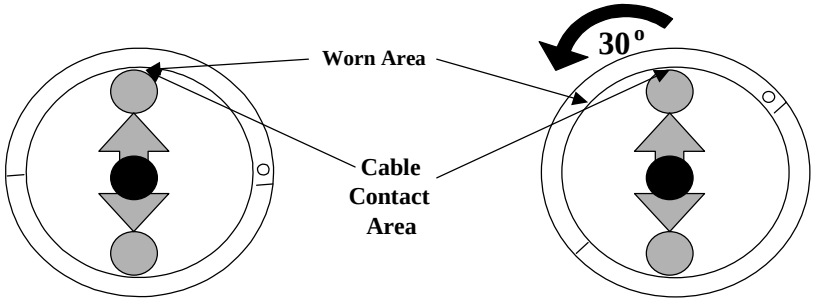

Fig. 4 Turning brass ring insert