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HWECE Rope Gripper[®] – UCMP Only

All HWECE elevator equipment is designed and compliant in accordance with the American Society of Mechanical Engineers (ASME) A17.1/CSA B44, Safety Code for Elevators and Escalators.

The Rope Gripper's[®] intended use is to comply with the Ascending Car Overspeed and/or Unintended Car Movement Protection as described in section 2.19 (A17.1)

As is implied by the “and/or” noted above, Rope Grippers[®] can be used for UCMP only (leaving the floor with the doors not closed). This is especially useful for elevators that exceed the Rope Gripper's[®] rated speeds. Likewise, this is also a useful distinction for cars which are under the minimum system requirements.

It should be noted that UCMP is concerned with drifting away from (leaving) the floor within the specified door zone with the doors not closed. In this case, the car will not reach full speed before the Rope Gripper[®] is signaled to activate, so maximum load ratings are the only criteria to consider for this use.

Maximum Load Ratings cannot be relaxed for UCMP Only use.


If the Rope Gripper[®] is used for UCMP only, a sticker, P-241 (see **Figure 1**, page 2), available from Hollister-Whitney, must be added to the data plate of the Rope Gripper[®] as shown in the example below (see **Figure 2**, page 2). Note that the Speed Ratings have been covered by the sticker.

If the Rope Gripper[®] is used for UCMP only, a secondary system must be in place to protect against ACO (Ascending Car Overspeed).

Protocols must be in place in the control plan to alert the governing inspection authorities that the Rope Gripper is being used in this manner. Specifically (but not limited to), the MCP (Maintenance Control Plan) and the Inspection Check List should clearly state that the Rope Gripper[®] is being used for UCMP only.


Should you have questions or need further support contact Hollister-Whitney Elevator Co. LLC
2603 North 24th Street
Quincy, Illinois 62305
Phone: 217-222-0466
Fax: 217-222-0493

<http://www.hollisterwhitney.com/support/>


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NOTICE: THIS ROPE GRIPPER USED FOR UCMP ONLY

FIGURE 1 ---- UCMP STICKER P-241



HOLLISTER-WHITNEY
 2603 North 24th Street
 QUINCY, ILLINOIS 62305 - USA
 "ROPE GRIPPER®" & PUMPING UNIT
MODEL #HW-626 & 626 SPL



CSA B44.1
 ASME-A17.5
 FILE #88181

#NL01-400-1002-020-03
 REV 8

MAXIMUM RATINGS

POWER SUPPLY:	6A, 120V ac, 1PH, 60 Hz.
CAN RUN CONTACT RATING:	2A, 230V ac; 0.15A, 200V dc
ALL OTHER CONTACT RATINGS:	6A, 250V ac; 0.15A, 250V dc
ROPE GRIPPER CLOSING TIME:	0.300 Sec.

NOTICE: THIS ROPE GRIPPER USED FOR UCMP ONLY

CAR RATED LOAD:	10,000 lbs. (4536 kg) (with 40 TO 50% Counterweights)
CAR, CAR LOAD AND COUNTERWEIGHT MASS:	38,000 lbs. (17,236 kg)
DOOR ZONE:	±3 inches [6 inches Total] (±76.2 mm [152.4 mm Total])

MINIMUM RATINGS

CAR RATED LOAD:	2500 lbs. (1134kg)
CAR AND COUNTERWEIGHT MASS:	8000 lbs. (3629 kg) (with 40 to 50% Counterweights)

P-140 1/25/21
PATENT # 5228540

FIGURE 2 ---- STICKER PLACEMENT