

620L/621L/622L

Linear Rope Gripper®

TRUST THE INDUSTRY LEADER IN SAFETY INNOVATION

Industry's best way to
prevent overspeeding
and unintended
cab movement

BENEFITS

- Eliminates rope damage and machine stress
- Easy to install and align
- Provides protection when slipping traction
- Provides constant and powerful braking force throughout life of linings



Model 621L/622L

Model 620L



A **VANTAGE** Company

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REGIONAL SERVICE CENTERS

Miami – 877.241.9354
Chicago – 877.300.5830
Los Angeles – 877.300.5816
New York – 347.226.4555
Toronto – 888.425.2262

FEATURES

- Compatible with spreads up to 5-1/4 (620L) or 6-1/2 in. (621L, 622L) (133 to 165 mm)
- Small, self-contained compact design
- Provides adequate clearances between the rope and self-grooving "grip" linings
- Eliminates the need for a hydraulic pump for installation in smaller areas
- Adjustable for rope size
- Only four wires are needed to connect the Rope Gripper to the controller

WHEN ORDERING, PLEASE SPECIFY

- Capacity
- Maximum car speed
- Weight of
 - empty car
 - counterweight
 - traction rope weight
 - compensation rope weight
- Number, size and lay (regular or lang) of rope
- Out-to-out spread of ropes
- Rope configurations

SPECIFICATIONS

SPECIFICATIONS	MODEL 620L 1:1 ROPING	MODEL 620L 2:1 ROPING	MODEL 621L 1:1 ROPING	MODEL 621L 2:1 ROPING	MODEL 622L 1:1 ROPING	MODEL 622L 2:1 ROPING
Out-to-out (max)	5 1/4 in. (133 mm)	5 1/4 in. (133 mm)	6 1/2 in. (165 mm)	6 1/2 in. (165 mm)	6 1/2 in. (165 mm)	6 1/2 in. (165 mm)
Power	1A, 110 - 240VAC, 1 PH, 50/60Hz for all units					
Contact ratings	5A, 250VAC / 5A, 30VDC for all units					
Closing time	0.3 seconds for all units					
Door zone (max)	± 3 in. (6 in. total) [± 76.2 mm (152.4 mm total)] for all units					
Rated speed (max)	350 f/m (1.78 m/s)	250 f/m (1.27 m/s)	600 f/m (3.05 m/s)	400 f/m (2.03 m/s)	600 f/m (3.05 m/s)	400 f/m (2.03 m/s)
Tripping speed	402 f/m (2.04 m/s)	303 f/m (1.54 m/s)	690 f/m (3.51 m/s)	459 f/m (2.33 m/s)	690 f/m (3.51 m/s)	459 f/m (2.33 m/s)
Car rated load (max)*	2,560 lbs (1,161 kg)	5,120 lbs (2,322 kg)	4,000 lbs (1,814 kg)	8,000 lbs (3,628 kg)	5,000 lbs (2,268 kg)	10,000 lbs (4,536 kg)
Car rated load (min)*	600 lbs (272 kg)	1,500 lbs (680 kg)	600 lbs (272 kg)	1,500 lbs (680 kg)	1,500 lbs (680 kg)	2,500 lbs (1,134 kg)
System mass (max)**	12,070 lbs (5475 kg)	24,140 lbs (10,950 kg)	18,600 lbs (8437 kg)	38,000 lbs (17,237 kg)	18,600 lbs (8437 kg)	38,000 lbs (17,237 kg)
Car and CWT (min)**	2,280 lbs (1,034 kg)	6,000 lbs (2,722 kg)	5,750 lbs (2,608 kg)	7,667 lbs (3,477 kg)	6,000 lbs (2,722 kg)	8,000 lbs (3,629 kg)
Shipping weight	80 lbs (36 kg)	80 lbs (36 kg)	120 lbs (54 kg)	120 lbs (54 kg)	120 lbs (54 kg)	120 lbs (54 kg)

* with 40 - 50% counterweight

** includes car, car load, counterweight, hoist and compensation rope mass

Note: Four 1/2" bolts (Grade 5) are required for models 620L, 621L, and 622L