

## Empty & Load

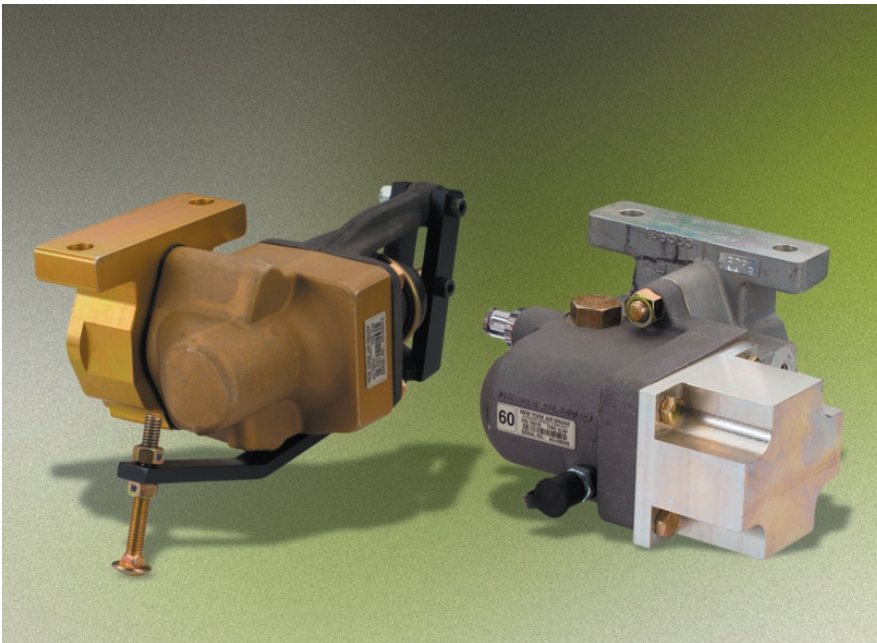
### Trouble-Free Performance

The EL-60 empty & load valve protects wheels by reducing empty-car braking forces that can result in costly wheel sliding, especially under adverse weather or track conditions. NYAB's EL-60 is a body-mounted valve design that senses loaded or empty conditions, and provides a visual indicator showing brake cylinder pressure proportioning.

EL-60, engineered to optimize trouble-free performance on any application, is available with proportioning levels of 40, 50, or 60%, includes a brake cylinder pressure measurement tap, and is AAR approved.



*The control valve port, brake cylinder port, and equalizing volume port are all positioned on the rear face of EL-60's pipe bracket, facilitating piping to the valve.*



# ELRP

## Features & Benefits

### Separate Sensing and Proportioning Modules

NYAB's new ELRP (Empty & Load Remote Proportioning) system provides sensing of the loaded or unloaded condition of the car and brake cylinder pressure proportioning in two separate valves. The sensing module determines the load of the car, while the remote module proportions brake cylinder pressure.

### Thoroughly Tested, AAR Approved

The valve has been thoroughly tested to assure trouble-free performance under the most adverse environmental conditions. ELRP is offered in 50 and 60% proportioning levels, includes a brake cylinder pressure measurement tap, and is AAR approved.

### Features & Capabilities

- The ELRP proportioning valve has three pipe connections at the rear and one on the side of the pipe bracket
- The ELRP sensor valve has two pipe connections to the rear of the pipe bracket
- The ELRP sensor valve is available with standard or low profile arm in bolt-through-the-back or stud-mounting configuration to the pipe bracket
- A visual indicator shows empty/load brake condition
- Automatic replenishment of leaking brake cylinder in empty mode
- Automatic increase in brake cylinder pressure during grade loading
- Both ELRP portions are lightweight, with a minimum of parts
- In the empty position, rock and roll of +/- 3/4 inches will not affect the empty load brake
- In the loaded position, rock and roll of +/- 3/4 inches will not affect the loaded car brake

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