

Empty & Load

The lightweight, all-aluminum EL-60SS includes an innovative bypass valve that increases safety by making single car testing in the loaded position easy.

NYAB's EL-60SS valve provides empty / load control for bulk-commodity hopper car applications using the proven EL-60 upstream proportioning technology in a slope sheet package. Additional EL-60SS features include:

- 40% and 50% proportioning models safely adjust braking power on an empty moving car
- Sensing and proportioning in one assembly simplifies design and increases reliability
- ☐ No set up or adjustment required
- lacktriangle Visual system indicator shows empty / loaded condition
- ☐ Works with system pressure up to 110 psi
- ☐ FDA-approved applications



The EL-60 empty & load valve protects wheels by reducing braking forces on empty cars. Available with proportioning levels of 40, 50 or 60%, EL-60 is a fully proportioned, body-mounted design that senses loaded or empty conditions to safely adjust braking power, and features a visual indicator showing full or proportional brake condition.



NYAB's SC-1 system uses industry-leading downstream proportioning technology with separate sensing (S-1 sensor valve, at left) and proportioning (P-1 proportional valve, above right) modules that offer flexibility where the control valve is mounted in the center of the car. Both modules are lightweight, with a minimum of parts in a simpler design that increases reliability. SC-1 is available in 50 and 60% proportioning levels, increasing safety by adjusting braking power on empty cars. Both units are AAR-approved.



