

Pneumatic Controls for Rapid Discharge Railcars

PNEUMATIC RAILCAR CYLINDERS



Over 50 years of railcar controls design

AVENTICS has been the leading pneumatic component manufacturer since the 1960's for rapid discharge rail hopper cars. Our success can be attributed to high quality, reliable and innovative products, along with an unsurpassed customer satisfaction record.

AVENTICS™


EMERSON™

CONSIDER IT SOLVED™

Pneumatic Controls for Railcars

Railcar Pneumatic Cylinders

- Heavy duty cast head and caps: 8", 10", 12" and 14" bores
- Tube materials: lightweight fiberglass or heavy duty steel tubing
- Piston rods in hard chrome plated steel or stainless steel
- Standard or custom stroke lengths
- NFPA MP1, MS4 or custom mounts
- Standard cylinders including aluminum and heavy duty NFPA steel

Railcar Pneumatic Directional Control Valves

- Manual or solenoid operated
- Subplate or tapped body options, protective cover optional
- Unique manual override systems and open door indicator option
- Port sizes from 1/4" thru 1-1/4" NPTF
- 12VDC or 24VDC

Advantages

- Best in class pneumatic components designed for long life, easy installation and repairability
- Controls for bottom dump hopper cars
- Solutions for aggregate, coal, grain, ore, etc.
- Pre-lubricated components
Standard and custom options
- Railroad heritage back to Westinghouse Air Brake Company in the 1800's

Valve Series

RCVS	Primary coal car valve, 24VDC standard, combination open door indicator and manual override, 3/4" ports, hot shoe input
RCV4	Primary aggregate car valve, 24VDC standard, combination open door indicator and manual override, 3/4" ports, multiple door touch pad input

Valve Series

- Manual or solenoid operated
- Filters, regulators, anti-freezers, etc.
- Flow control, quick exhaust, shuttle and check valves



RCV4 valves with combination manual override and open door indicator



Railcar cylinder with 12 bore

AVENTICS™

For more information:
www.Emerson.com/Aventics


EMERSON™