

Spray Control Valve

Code 100 - Dust Suppression Valve



Customer Value Proposition:

The Parker Conflow Spray Control Valve Code 100 is capable of controlling the flow of any fluid by mechanically sensing belt movement, without the need for an independent power supply. This is achieved by a drive wheel in frictional contact with the moving conveyor belt. The rotating wheel generates hydraulic pressure to open an ON/OFF valve built into the unit.

The valve can be positioned so that the wheel only contacts the belt when loaded, ensuring the valve is only open when necessary, avoiding overwetting, belt slip and soft ground.



Contact Information:

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Product Features:

- 1/2" standard and large volume units available
- Maximum working pressure 105 bar
- 4" or 6" driving wheels
- No additional power supply is needed
- Operates at belt speeds from 0.5 m/sec (100 ft/min) to 3.75 m/sec (750 ft/min)

Typical Applications:

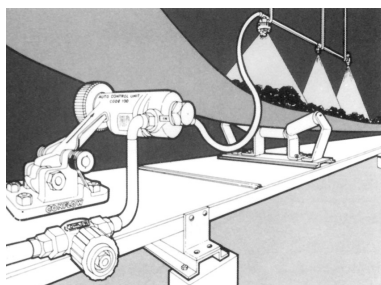
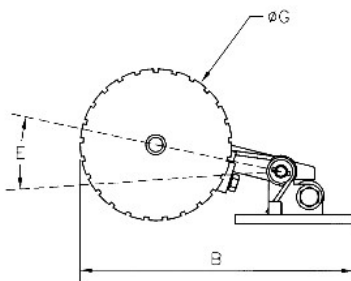
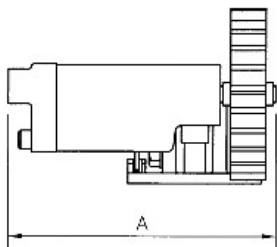
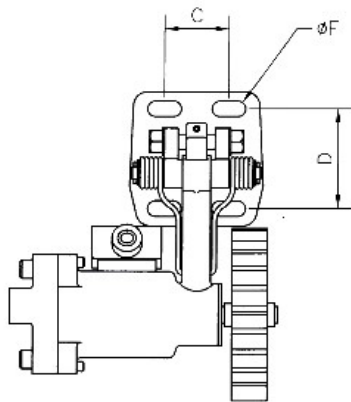
- Supplying dust suppression water onto the belts transporting minerals, particularly at transfer points.
- Ideal in applications where there is no electrical or other source of power
- Perfect for supplying water sprays on bottom belts where fine dust accumulates



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Technical Information

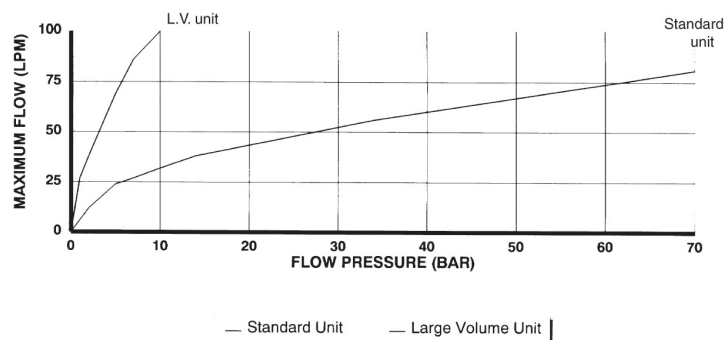
Spray Control Valve - Code 100



Spray control valve - Code 100 in operation

Specifications	
A (mm)	280
B (mm)	270
C (mm)	60
D (mm)	90
E	15°
ØF (mm)	14
ØG (mm)	100 or 150
Weight (kg)	9

	100 mm diameter wheel	150 mm diameter wheel
Minimum speed to operate (ft/min)	110	150
Maximum speed (ft/min)	500	750
Maximum high adjustable position Baseplate to wheel top (mm)	150	175
Recommended installation position Base plate to wheel top (mm)	147	172
Minimum low adjustable position Baseplate to wheel top (mm)	110	135
Further depressable movement Baseplate to wheel top (mm)	10	10
Total movement from maximum to minimum height (mm)	50	50



The information on this data sheet is accurate to the best of Parker Conflow's knowledge, however we reserve the right to alter the product specification at any time. For any specific updated detail, please contact us.

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