

Solenoid Valves Upgrade MAC Replacement on Baldwin™ Pulse Spray Dampening System



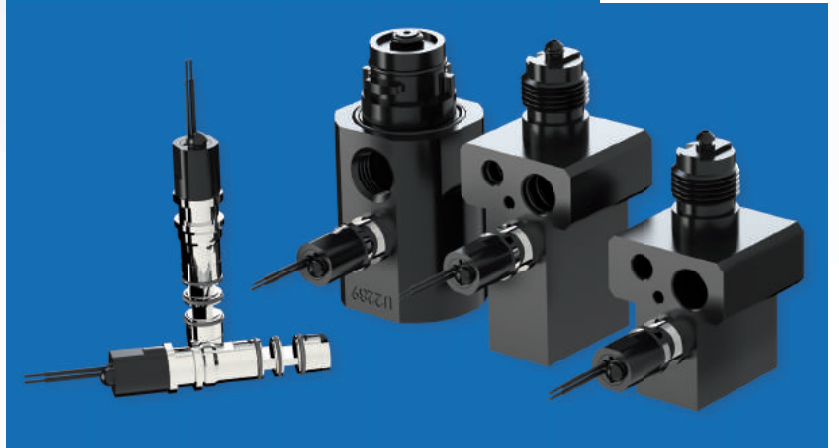
APPLICATION DESCRIPTION

Spray dampening is a common technology used in newspaper printing presses to apply ink release solutions to the non-printing surface of ink rollers. Precise solution dosing controls dot gain and permits high resolution. Current spray dampening valve technology used in spray bars is expensive to replace and time consuming to maintain. Valve failures are common and poor valve performance leads to a degradation in print quality and expensive web breaks.

COST SAVINGS

Savings realized in increased production, reduced labor cost and fewer replacement parts.

Scan the QR code to watch the MAC Spray Dampening video on YouTube



CUSTOMER REQUIREMENTS

- ✓ Similar flow from valve to valve ensuring consistent spray volumes
- ✓ Stable flow throughout the life of the valve
- ✓ Longer life
- ✓ Easy maintenance

CUSTOMER BENEFITS

- ✓ Drop-in replacement compatible with existing spray dampening systems
- ✓ Replacement of water and water+air systems
- ✓ Easy valve replacement No manifold removal needed
- ✓ Liquid Bullet Valve® tested over billions of cycles
- ✓ Consistent and repeatable response times over the lifetime of the valve

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Solenoid Valves Upgrade

MAC Replacement on Baldwin™ Pulse

Spray Dampening System

COMPETITION REPLACEMENT

OEM Supplied		MAC Valves
Baldwin	24VDC + PWM 5W holding	MAC Mod. EBD1
(05-0060)		MAC Solution (NE-BV020 + BV210A-DA1-00-BEBA-CBN/EBD1) SME1558
		
(05-0067)		MAC Solution (NE-BV019 + BV210A-DA1-00-BEBA-CBN/EBD1) SME1557
		

OEM Supplied		MAC Valves
Baldwin	24VDC 4W	MAC Mod. EBA9
(Optima)		MAC Solution (NE-BV014 + BV210A-DA1-00-BMNA-CBN/EBA9) SME1555
		

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Solenoid Valves Upgrade

MAC Replacement on Baldwin™ Pulse

Spray Dampening System

COMPETITION REPLACEMENT

OEM Supplied		MAC Valves	
Baldwin	24VDC 5.5W	MAC Mod. EBA9	
(05-0061)		MAC Solution (NE-BV018 + BV210A-DA1-00-BMNA-CBN/EBA9) SME1556	
(05-0084)		MAC Solution (NE-BV013 + BV210A-DA1-00-BMNA-CBN/EBA9) SME1554	
(1116824)		MAC Solution (NE-BV022 + BV210A-DA1-00-BMNA-CBN/EBA9) SME1559	

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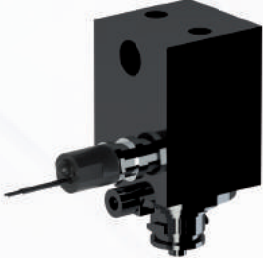


Solenoid Valves Upgrade

MAC Replacement on Baldwin™ Pulse

Spray Dampening System

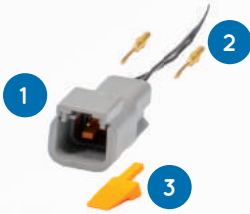
COMPETITION REPLACEMENT

OEM Supplied		MAC Valves	
Baldwin	24VDC 5.5W	MAC Mod. EBA9	
(1113386)		MAC Solution (NE-BV022 + BV210A-DA1-00-BMNA-CBN/EBA9) SME1559	
			

* For other OEM supplied valves/ configurations - consult factory for appropriate modification number

FLYING LEADS

The valve is supplied with flying leads. Waterproof connector available on request. To be assembled on the valve by the distributor. The connector can be supplied directly by MAC Valves or through an external supplier.



Connector references (3 different parts):

- 1) Housing: TE Connectivity DTM04-2P ⇨ MAC ref: 93032
- 2) Contact pins (x2): 0460-202-2031 ⇨ MAC ref: 93031 (x2)
- 3) Wedglock: TE Connectivity WM-2P ⇨ MAC ref: 93033

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