

Solenoid Valves Upgrade Compatible with Krones® Blowing Equipment Stretching Function

APPLICATION DESCRIPTION

On Krones® Contiform®, the ISO2 or ISO3 solenoid actuates the double effect cylinder controlling the movement of the cam while the preform is being stretched in the mould.



MAC ISO 2

CUSTOMER REQUIREMENTS

- ↗ Better speed control in the upwards movements of the stretch rod cylinder
- ↗ Less wear leading to less maintenance

COST SAVINGS

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



CUSTOMER BENEFITS

- ✓ Drop-in replacement
- ✓ Completely adapted and proven solution
- ✓ Longer life time (+/- 25 million cycles for ISO2 & ISO3)
- ✓ Small package
- ✓ Unaffected by contamination
- ✓ Repeatable response times
- ✓ High flow capacity of the valve
- ✓ Reliability and long life security of the function

MAC Valves Highly engineered solutions for the highest performing applications since 1948



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MAC ADVANTAGES



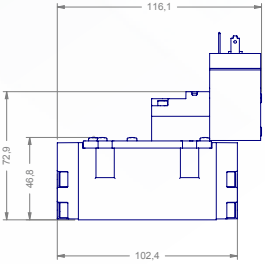


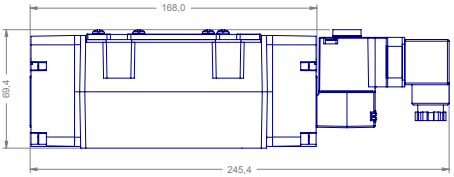
Manufacturers published flows (NI/min):

	MAC	COMPETITION
ISO 2	3 500	2 500
ISO 3	6 300	4 400



MAC ISO2 Mounted on Stretch Rod Cylinder

MAC ISO 2	MAC ISO 3
 <p>The MAC Technology provides 20% more flow</p>	 <p>The MAC Technology provides 43% more flow</p>

COMPETITION	MAC VALVES	DIMENSIONS (mm) & FOOTPRINT
<p>OEM Supplied ISO 2 Valve</p> 	<p>MAC ISO 2 Solution</p> 	
<p>HOW TO ORDER : MV-B2A-AABA-DM-DDAJ-1JJ / EC89</p>		
<p>OEM Supplied ISO 3 Valve</p> 	<p>MAC ISO 3 Solution</p> 	
<p>HOW TO ORDER : MV-A3B-A161-PM-501JA / 0650</p>		

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To find your local distributor, visit www.macvalves.com



Solenoid Valves Upgrade Compatible with Krones® Blowing Equipment High Pressure Pilots

APPLICATION DESCRIPTION

On Krones® Contiform®, high pressure pilots are solenoid valves that pilot the high pressure valve for blowing operation.



MAC 36 series

CUSTOMER REQUIREMENTS

- ✦ Better life time
- ✦ Increased repeatability in order to guarantee the quality of the products

COST SAVINGS

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



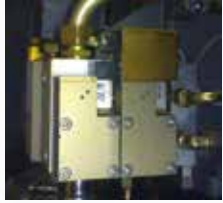

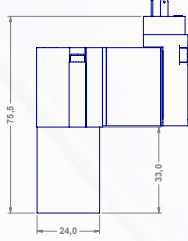


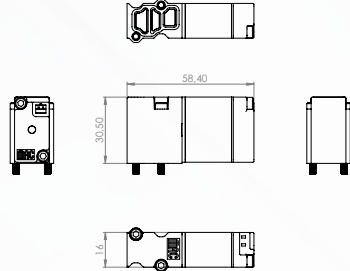


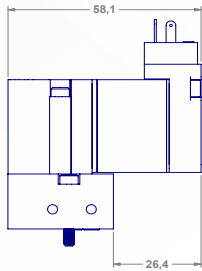

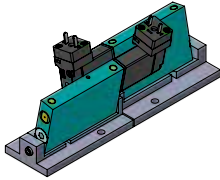
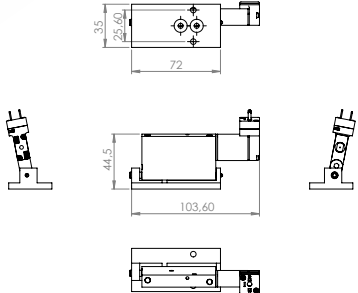
CUSTOMER BENEFITS

- ✓ Drop-in replacement
- ✓ Completely adapted and proven solution
- ✓ Small package
- ✓ Unaffected by contamination
- ✓ Unaffected by pressure variation
- ✓ Fast, consistent and repeatable response times all over the lifetime of the valve
- ✓ Reliability and long life
- ✓ Food grade grease

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Solenoid Valves Upgrade Compatible with Krones® Blowing Equipment High Pressure Pilots

COMPETITION	MAC VALVES	DIMENSIONS (mm) & FOOTPRINT
OEM Supplied High Pressure Pilots	36 Series	  
<p>HOW TO ORDER: 36A-B00-JDC0-1KJ/ EV47 1. Adapter plate (2): NE-36014 (NO) 2. Adapter plate (2): NE-36013 (NC)</p> <p>NB: Possibility to directly connect to existing connector, but useless protection plate has to be removed</p>		
OEM Supplied High Pressure Pilots With M8 Connector	36 series With M8 Connector	  
<p>HOW TO ORDER: 36A-B00-JDC0-1BA/ EV47 1. Adapter plate (2): NE-36014 (NO) 2. Adapter plate (2): NE-36013 (NC)</p> <p>NB: The wiring of the block needs to be modified, but protection plates can be kept. M8 connector needs to be purchased separately.</p>		
OEM Supplied J-Hook Style High Pressure Pilots	36 Series J-Hook Style Adapter	  
<p>HOW TO ORDER: Consult factory 1. Adapter plate - NC (Replacement competition Green Dot): Consult factory 2. Adapter plate - NO (Replacement competition Red Dot): Consult factory</p>		
OEM Supplied Booster Style High Pressure Pilots	36 Series Booster Style Adapter	  
<p>HOW TO ORDER: 32B-AMA-C00-GAA0-1TJ/EU25 (3x) & 32B-BMA-000-GAA0-1TJ/EU25 (1x) ME-32001</p>		

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