

# PRODUCT DATA SHEET INFORMATION



## 3/2 Valve Block Cartridge Valve – Size 14mm

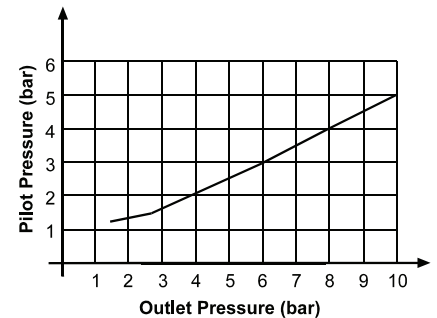
For 21- or 26-Valve Block on IS Glass Machines

### FEATURES:

- High quality, aircraft grade, aluminum outer housings
- High temperature, Viton seals
- High temperature, Stainless Steel poppets
- New machining on the outer housing evident by our improved and stronger “3-leg” design
- Improved compressed air and exhaust “through flow”
- No need to orient this valve with the model “H”, (the previous “G” version was recommended to be installed in the 6 o’clock position)
- Optimized flow with nominal Size 14mm
- Pistons with O-ring and TEFLON guides for: reduced friction, reduced housing wear, constant response time
- Optimized guidance of moving parts by spacing of pistons
- Optimized poppet alignment to housing seat as design feature
- Robust stainless steel poppets with curled O-ring
- 2-piston design integrates pressure booster function (see chart on the right)
- Integrated return spring does not interfere with inlet or exhaust flow

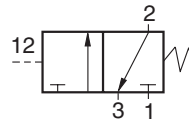
### ACTUATION

Maintained pressure signal to pilot, spring returned.  
Pilot pressure required, see chart below (min. 1 bar recommended).



## Block Cartridge Valve – Normally Closed, Spring Return

Model Number	D365H97
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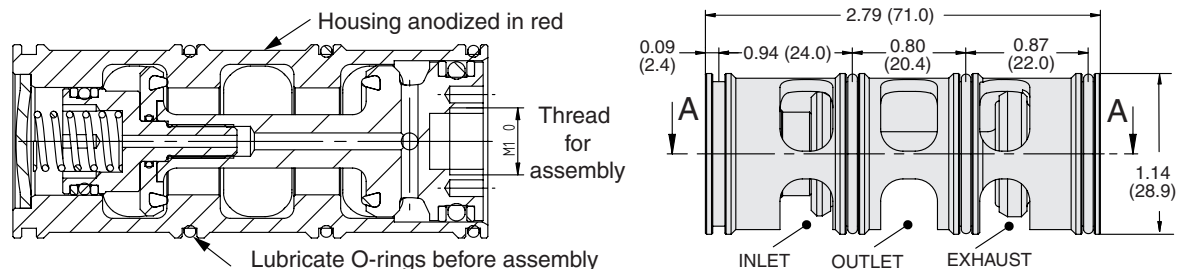


### OPERATION:

Signal exhausted: 1 closed, 2 exhausted via 3.

Signal present: 1 open to 2, 3 exhausted.

### Dimensions - inches (mm)



### Standard Specifications (for valve on this page):

**Poppet valve:** Viton-seals on metal seat.

**Body:** Aluminum alloy, anodized red.

**Piston:** Aluminum alloy.

**Poppet:** Stainless steel.

**Ambient/Media temperature:** 39° to 221°F (4° to 105°C).

**Flow media:** Filtered air.

**Operating pressure range:** 0 to 105 psig (0 to 7 bar).

**APPLICATIONS:** IS Glass Machines.

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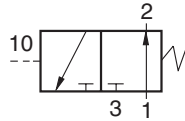


## 3/2 Valve Block Cartridge Valve – Size 14mm

For 21- or 26-Valve Block on IS Glass Machines

### Block Cartridge Valve – Normally Open, Spring Return

Model Number	D366H97
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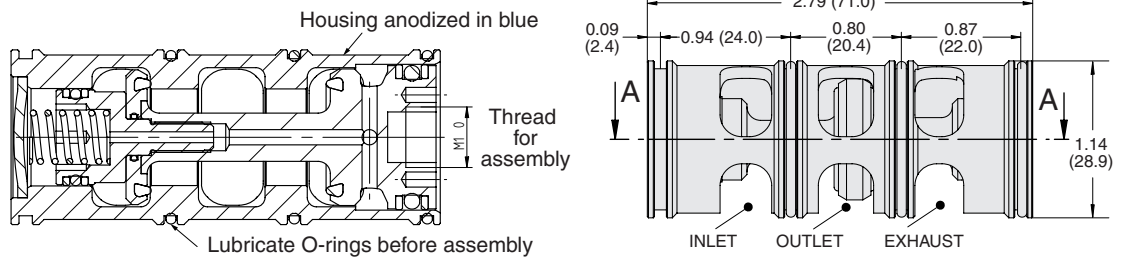


#### OPERATION:

Signal exhausted: 1 open, 2, 3 exhausted.

Signal present: 1 closed to 2 exhausted via 3.

#### Dimensions - inches (mm)



#### Standard Specifications (for valve on this page):

**Poppet valve:** Viton-seals on metal seat.

**Body:** Aluminum alloy, anodized blue.

**Piston:** Aluminum alloy.

**Poppet:** Stainless steel.

**Ambient/Media temperature:** 39° to 221°F (4° to 105°C).

**Flow media:** Filtered air.

**Operating pressure range:** 0 to 105 psig (0 to 7 bar).

For further inquiries please contact your nearest ROSS location,  
or your local distributor.

#### ROSS VALVES FOR IS GLASS MACHINES:

- 21-Valve Block
- Blow Head On/Off
- Blow Mold Vacuum
- Blow Pistol
- Cartridge Valve, Open or Closed
- Counterblow Vacuum or Hi-Lo Pressure
- Final Blow, Settle Blow, Finish Cooling, Blow Off
- Mold Open/Close
- Plunger Up or Down, Cooling
- Proportional Valve
- Pusher

Your local ROSS distributor is:



#### WARRANTY, CAUTIONS and WARNINGS

Standard ROSS warranty, cautions and warnings apply, available upon request or at [www.rosscontrols.com](http://www.rosscontrols.com).

ROSS CONTROLS	USA	Tel: Tech. Svs. 1-888-TEK-ROSS / Cust. Svs. 1-800-GET-ROSS	web site: <a href="http://www.rosscontrols.com">www.rosscontrols.com</a>
ROSS EUROPA GmbH	Germany	Tel: 49-6103-7597-0	web site: <a href="http://www.rosseuropa.com">www.rosseuropa.com</a>
ROSS ASIA K.K.	Japan	Tel: 81-42-778-7251	web site: <a href="http://www.rossasia.co.jp">www.rossasia.co.jp</a>
ROSS UK Ltd.	UK	Tel: 44-1543-671495	web site: <a href="http://www.rossuk.co.uk">www.rossuk.co.uk</a>
ROSS SOUTH AMERICA Ltda.	Brazil	Tel: 55-11-4335-2200	email: <a href="mailto:vendas@rosscontrols.com">vendas@rosscontrols.com</a>
ROSS CONTROLS INDIA Pvt. Ltd.	India	Tel: 91-44-2624-9040	email: <a href="mailto:ross.chennai@rosscontrols.com">ross.chennai@rosscontrols.com</a>
ROSS CONTROLS (CHINA) Ltd.	China	Tel: 86-21-6915-7961	web site: <a href="http://www.rosscontrolschina.com">www.rosscontrolschina.com</a>
ROSS FRANCE S.A.S.	France	Tel: 33-1-49-45-65-65	web site: <a href="http://www.rossfrance.com">www.rossfrance.com</a>
ROSS CANADA (6077170 CANADA INC. AN INDEPENDENT REPRESENTATIVE)	Canada	Tel: 1-416-251-7677 (416-251-ROSS)	web site: <a href="http://www.rosscanada.com">www.rosscanada.com</a>