

# PRODUCT DATA SHEET INFORMATION



## 21-VALVE BLOCK – For IS Glass Machines

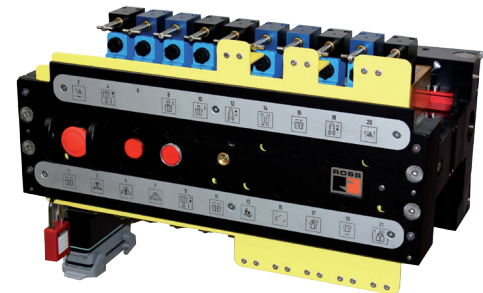
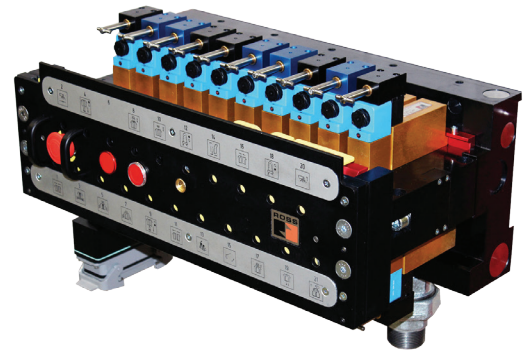
*This extremely compact multifunctional package can provide pilot air for the main control valves as well as directly controlling the actuators for cylinder applications.*

### Features:

- Quick-and-easy exchange feature
- Very precise air return poppet
- Highly reliable, accurate switching
- Rugged manual actuators involved
- All valves with indicator lights
- High flow characteristics

The ROSS 21-Valve Block is available in various designs.



*For more information on 21-Valve Block, and valve integration into your system please contact your nearest ROSS location or your local distributor.*



The picture above shows a model conforming to Lockout/Togout (LOTO) requirements.

Valves used in the block are easy-to-service cartridge valves in normally open and normally closed version.

See ROSS Glass Sheet, Form RGlass-10 for detailed information on these products.

Model Number	
D371H97	D369H97
 Normally Open	 Normally Closed

### Standard Specifications:

**Construction:** Poppet.  
**Solenoid Pilot:** Rated for continuous duty.  
**Standard Voltages:** 24 volts DC.  
**Power Consumption** (each solenoid): 3.5 watts nominal.  
**Enclosure Rating:** IP 65.  
**Coil:** 100 % ED.  
**Actuation Time:** 20 ms.

**Flow of Valve:** 4500 NI/min.  
**Nominal Diameter:** 14 mm.  
**Ambient Temperature:** 40° to 175° F (4° to 80° C).  
**Media Temperature:** 40° to 220° F (4° to 105° C).  
**Flow Media:** Filtered air.  
**Pressure Range:** 15 to 87 psig (1 to 6 bar).

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



### 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>
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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	Canada	Tel: 1-416-251-7677 (416-251-ROSS)	web site: <a href="http://www.rosscanada.com">www.rosscanada.com</a>
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