

BLOW MOLD VACUUM VALVE

3/2 Directional Control Valve - Normally Closed - Pressure Operated

- High-speed poppet construction
- Constant repeatability
- Specialised low-wear body-coating
- Hard piston coating
- Non-lube
- Built-in steel filter
- EMHART interface
- Integrated handle
- Special versions available



Model Number: D2154A6907

DESIGN

Poppet Valve: Viton-seals on metal seat.

Body: Aluminum alloy, anodized.

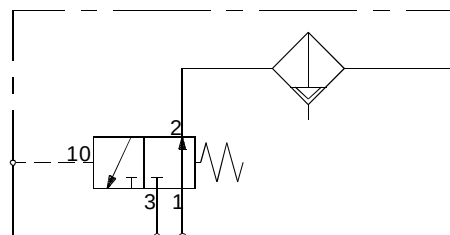
Piston: Hard coated,
original OEM steel filter.

STANDARD SPECIFICATIONS

Flow Medium: Vacuum service.

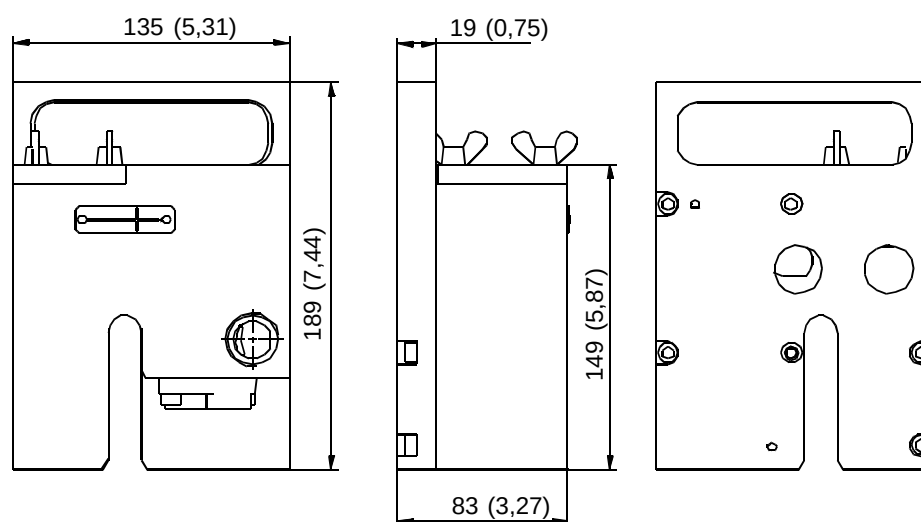
Ambient Temperature: -17° to 150° C (0° to 300° F).

Media Temperature: -17° to 150° C (0° to 300° F).



We reserve the right to introduce technical modifications.

Dimensions - mm (inches)



BLOW PISTOL

2/2 Directional Control Valve - Normally Closed - Manually Operated

- Poppet construction
- High flow, low pressure
- Integrated handle
- Safety approvals

DESIGN

Poppet Valve: Resilient seal on metal seat.

Housing Material: Aluminum alloy.

Push Button: Aluminum.

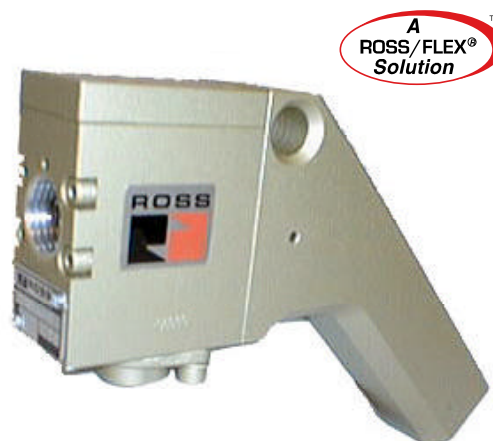
STANDARD SPECIFICATIONS

Flow Medium: Compressed air, filtered.

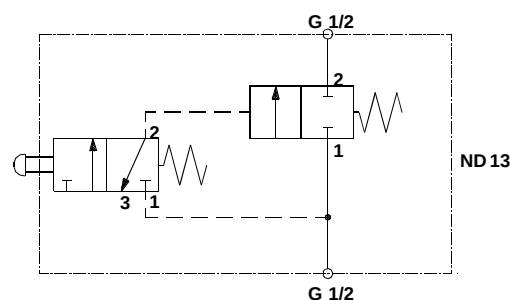
Ambient Temperature: 4° to 80° C (40° to 175° F).

Media Temperature: 4° to 80° C (40° to 175° F).

Inlet Pressure: 0,3 to 10 bar (5 to 150 psig)

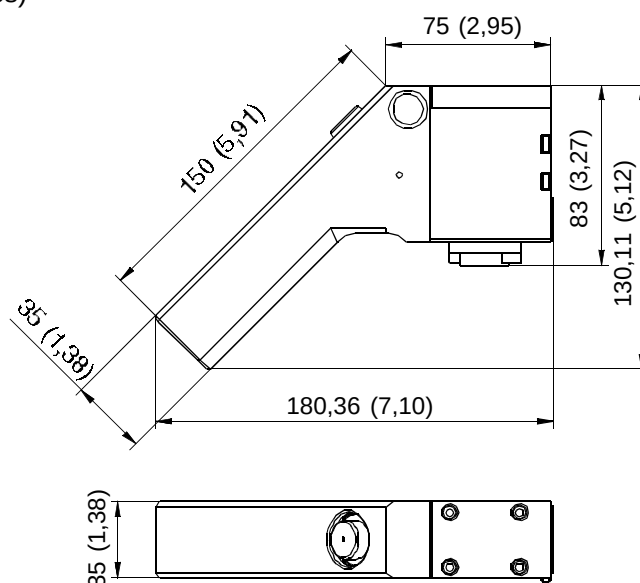


Model Number: D1221B4900



We reserve the right to introduce technical modifications.

Dimensions - mm (inches)



COUNTERBLOW VACUUM or Hi-Lo PRESSURE

3/2 Directional Control Valve - High-Speed Poppet Design

- High-speed poppet construction
- Constant repeatability
- Non friction seat seals
- Non-lube
- Specialised low-wear body-coating
- Pressure booster option
- Solenoid, remote pilot options
- Locking, non locking manual overrides
- Base options



STANDARD SPECIFICATIONS

Solenoids: Standard voltages 200-240 volts 50/60 Hz; 100-120 volts 50/60 Hz; 110 volts d.c. 24 volts d.c.

Power Consumption: 10,8 VA inrush, 8,5 VA holding on 50 or 60 Hz; 6 watts on d.c.

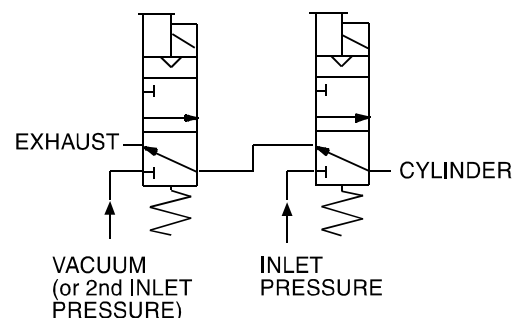
Flow Medium: Filtered air.

Ambient Temperature: -17° to 80° C (0° to 175° F).

Media Temperature: -17° to 150° C (0° to 300° F).

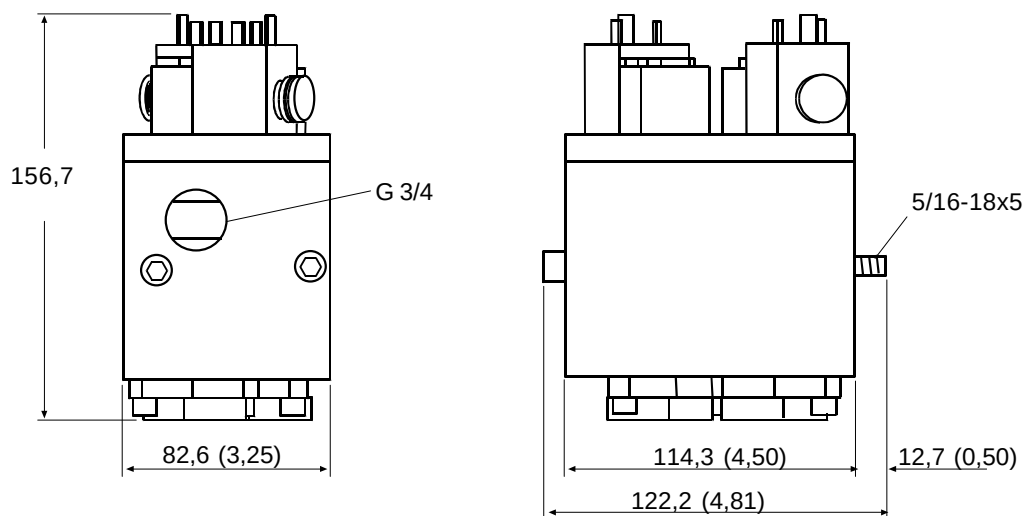
Inlet Pressure: 2 to 10 bar (30 to 150 psig).

Model Number: 2175C5912



We reserve the right to introduce technical modifications.

Dimensions - mm (inches)



COUNTERBLOW VACUUM or Hi-Lo PRESSURE

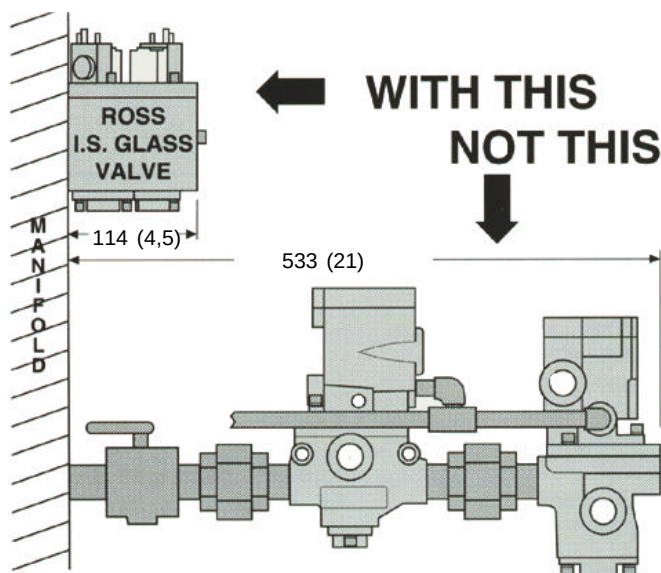
3/2 Directional Control Valve - High-Speed Poppet Design

REDUCE:

- Piping
- Number of Fittings
- Maintenance
- Downtime
- Labor Cost
- Volume to be Evacuated
- Compressed Air Usage

INCREASE:

- Reaction Speed
- Repeatability
- Flexibility: Ports located to suit user's piping
- Output
- PROFITS



INSTALLATION COMPARISON (For Three-Gob System)

	ROSS	Present Std.
Space Needed	385 in ³	5250 in ³
Time to Change-Out	< 1 min.	> 1 hour
Response Speed	RAPID	SLOW
Nipples	0	15
Petcocks	0	3
Unions	0	12
Tees	0	6
Elbows	0	8
Hard-wired junction boxes	0	6
Length of tubing	0	about 16 ft.
Threads to be made	12	75

FINAL BLOW, SETTLE BLOW, FINISH COOLING, BLOW OFF

3/2 Directional Control Valve - Pressure Booster Options

- High-speed poppet construction
- Constant repeatability
- Non friction seat seals
- Non-lube
- Specialised low-wear body-coating
- Quick exhaust, pressure booster options
- Locking, non-locking manual overrides
- Special base options



STANDARD SPECIFICATIONS

Solenoids: Standard voltages 200-240 volts 50/60 Hz;
100-120 volts 50/60 Hz; 110 volts d.c. 24 volts d.c.

Power Consumption: 30 VA inrush, 16 VA holding on 50
or 60 Hz; 11 watts on d.c.

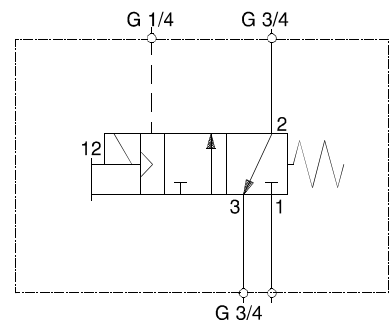
Flow Medium: Filtered air.

Ambient Temperature: -17° to 80° C (0° to 175° F).

Media Temperature: -17° to 150° C (0° to 300° F).

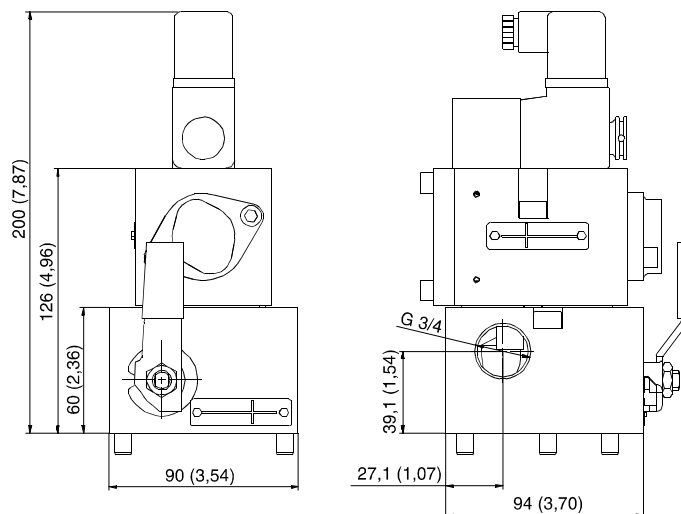
Inlet Pressure: 2 to 10 bar (30 to 150 psig).
Consult ROSS for lower inlet pressure.

Model Numbers
D2173A5950 (Valve)
D749G91 (Base)



We reserve the right to introduce technical modifications.

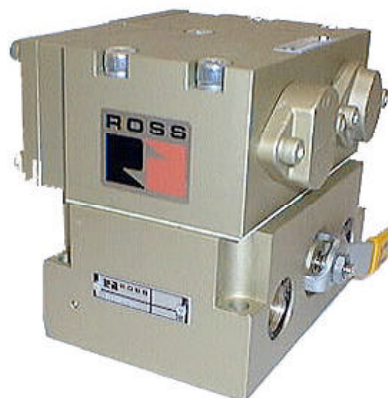
Dimensions - mm (inches)



MOLD OPEN / CLOSE VALVE

3/2 Directional Control Valve - Pressure Operated with Pressure Booster

- High-speed poppet construction
- Constant repeatability
- Non-friction seat seals
- Non-lube
- Specialised low-wear body-coating
- Blowhead compatible
- Separate kick-off available
- Built-in flow controls and inlet shut-off
- Built-in pressure boosters
- Special base and two signal options



Model Number: D3900B0700

DESIGN

Poppet Valve: Viton-seals on metal seats.

Body: Aluminum alloy, anodized.

STANDARD SPECIFICATIONS

Flow Medium: Compressed air, filtered.

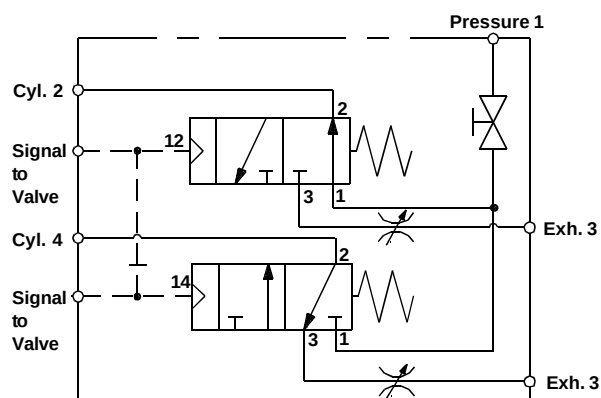
Ambient Temperature: -17° to 150° C (0° to 300° F)

Media Temperature: -17° to 150° C (0° to 300° F)

Kick-off Valve

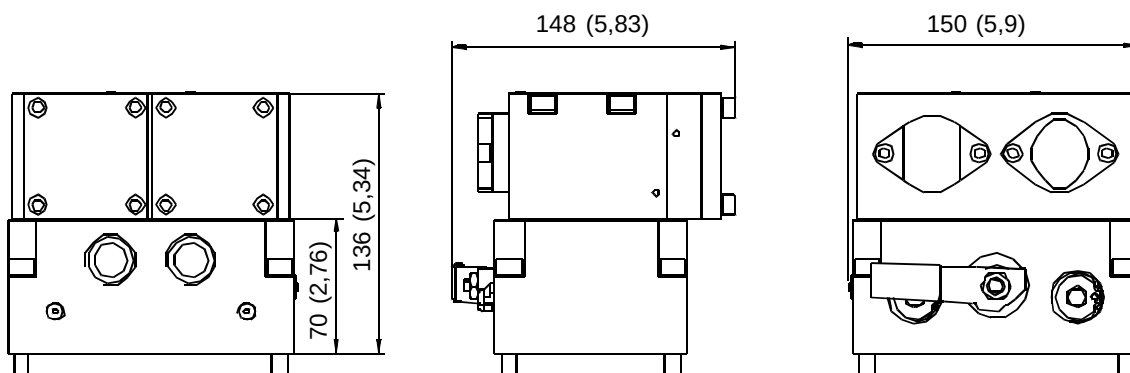


Model Number: D1223A1900



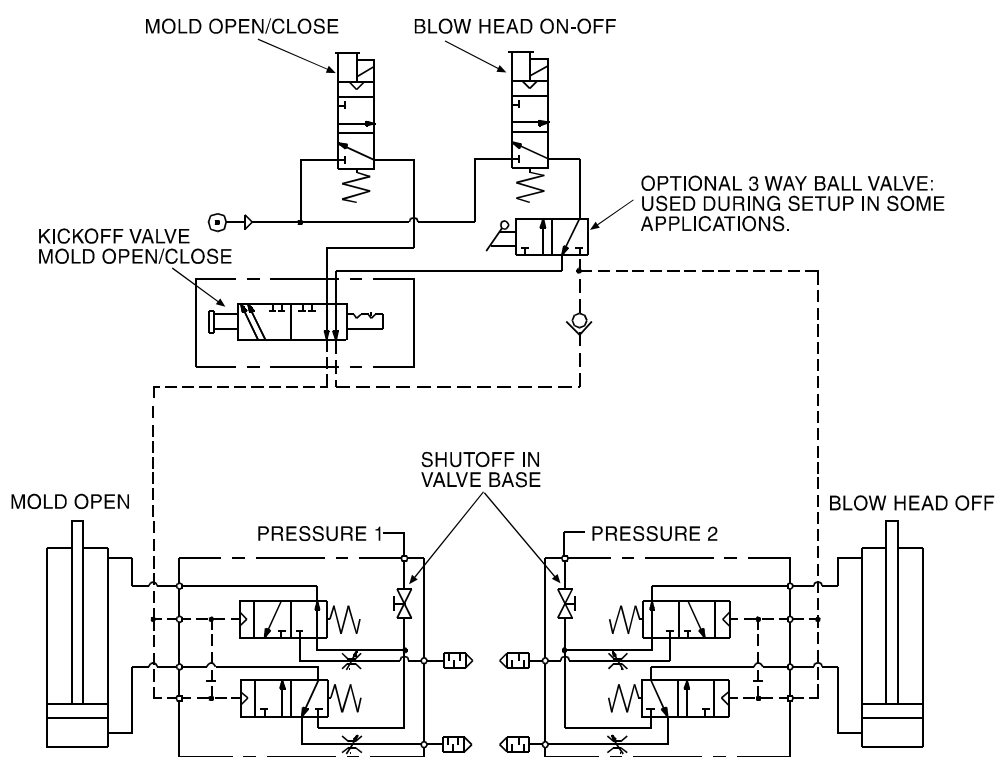
We reserve the right to introduce technical modifications.

Dimensions - mm (inches)



MOLD OPEN / CLOSE VALVE

3/2 Directional Control Valve - Pressure Operated with Pressure Booster



PLUNGER UP or DOWN, COOLING

3/2 Directional Control Valve - Manifold Design

- High-speed poppet construction
- Constant repeatability
- Non friction seat seals
- Non-lube
- Specialised low-wear body-coating
- Quick exhaust, pressure booster options
- Solenoid, remote pilot options
- Locking, non-locking manual overrides
- Base options



STANDARD SPECIFICATIONS

Solenoids: Standard voltages 200-240 volts 50/60 Hz;
100-120 volts 50/60 Hz; 110 volts d.c. 24 volts d.c.

Power Consumption: 10,9 VA inrush, 8,5 VA holding on 50
or 60 Hz; 6 watts on d.c.

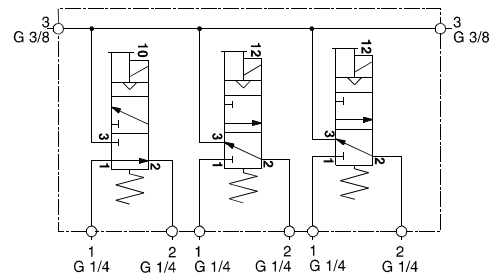
Flow Medium: Filtered air.

Ambient Temperature: -17° to 80° C (0° to 175° F).

Media Temperature: -17° to 150° C (0° to 300° F).

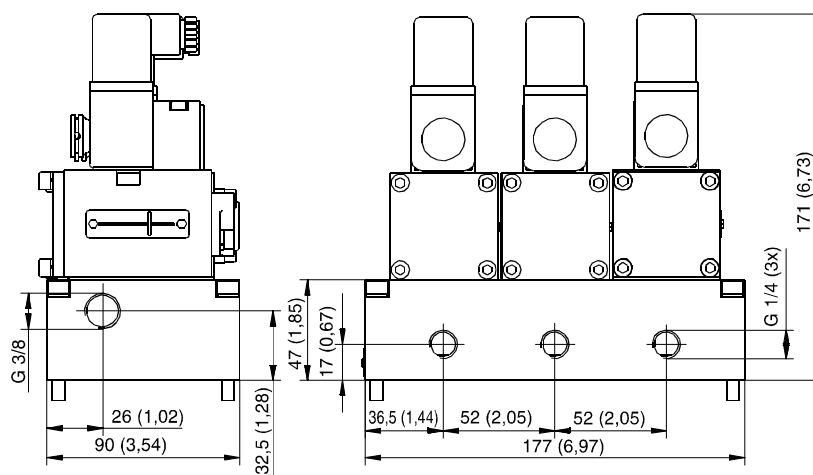
Inlet Pressure: 2 to 10 bar (30 to 150 psig).

Model Number: D3900A0844



We reserve the right to introduce technical modifications.

Dimensions - mm (inches)



PUSHER VALVE

5/2 Cartridge Poppet Valve - Solenoid Pilot Operated - Internal Pilot Supply

- High-speed poppet construction
- Constant repeatability
- Non-friction seat seals
- Non-lube
- Solenoid, remote pilot options
- Dual pressure options
- Locking, non-locking manual overrides
- Special versions available



Model Number: D2176D2903
(can be used for replacement of W7476A2910)

DESIGN

Poppet Valve: Viton-seals on metal seat.

Body: Aluminum alloy.

Size: ND 9, for existing ANSI-sub-base (Cv = 1), e.g. W500B91. ISO interface also available.

STANDARD SPECIFICATIONS

Solenoids: Rated for continuous duty; AC or DC power.

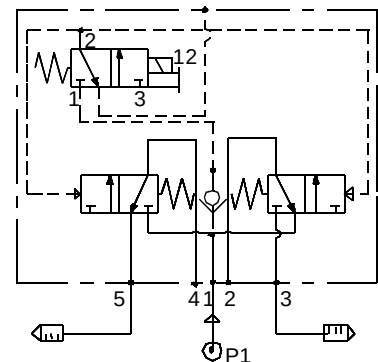
Power Consumption: 10,9 VA max. inrush, 8,5 VA max. holding on 50 or 60 Hz; 6,5 watts nominal on DC.

Flow Medium: Compressed air, filtered.

Ambient Temperature: -17° to 80° C (0° to 175° F).

Media Temperature: -17° to 150° C (0° to 300° F).

Inlet Pressure: 1,0 to 6 bar (15 to 90 psig).



We reserve the right to introduce technical modifications.

Dimensions - mm (inches)

