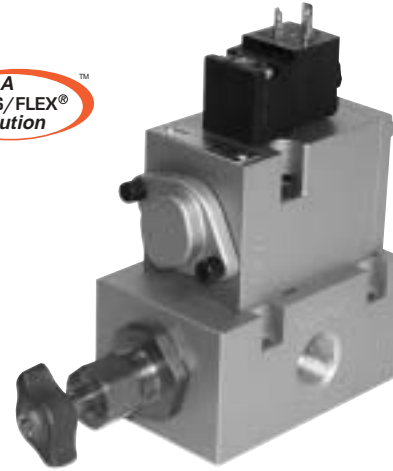


# FINAL BLOW, SETTLE BLOW, FINISH COOLING

- Non-friction Seat Seals
- High-temperature service
- Solenoid, remote pilot options
- Non-lube
- Specialized low-wear body coating
- Quick exhaust models available
- Locking, non-locking manual overrides
- Pressure booster option\*
- High-speed poppet design



**ROSS SlimLine  
Glass Valve and  
Base with Shut-off**

## STANDARD SPECIFICATIONS

**Solenoids:** Standard voltages 100-110 volts 50 Hz; 100-120 volts 60 Hz; 110 volts d.c.

**Power Consumption:** 8 VA inrush, 6 VA holding on 50 or 60 Hz; 6 watts nominal on DC.

**Flow Medium:** Compressed air, filtered.

**Ambient Temperature:** 0° to 250° F (-17° to 122° C).

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

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

\*Pressure Booster option may allow for operation with inlet and pilot pressures lower than 30 psig (2 bar). Consult ROSS for specifics.

## SlimLine Model Numbers

### Remote Air Operated — 3 Way, 2 position- Normally Closed

Valve (signal port in valve) .....	2153D5915
with Pressure Booster .....	2153D5916
with Quick Exhaust .....	2153D5917
with Pressure Booster & Quick Exhaust .....	2153D5918
Valve (signal port through base) .....	2153D5933
with Quick Exhaust .....	2153D5937

### Solenoid Pilot — 3 Way, 2 position- Normally Closed

Valve (std configuration) .....	2173D5943
Valve with Quick Exhaust .....	2173D5941
Valve with Quick Exhaust with Locking Manual Override .....	2173D5964
Valve with Quick Exhaust & Pressure Booster .....	2173D5942
Valve with Locking Manual Override .....	2173D5963

### Solenoid Pilot — 3 Way, 2 position- Normally Open

Valve (std configuration) .....	2174B5920
Valve with Pressure Booster .....	2174B5917
Valve with Quick Exhaust .....	2174B5918
Valve with Quick Exhaust & Pressure Booster .....	2174C5919
Valve with Locking Manual Override .....	2174B5921

# FINAL BLOW, SETTLE BLOW, FINISH COOLING

## Pressure Boosters and Quick Exhausts

ROSS SlimLine valves are available with Pressure Boosters and Quick Exhausts!

### Use A Quick Exhaust When:

- Exhaust Cycle of the signal valve is too slow (i.e. 21 Valve block)
- Better Repeatability is needed
- A Decrease in time between cycles is needed
- Over-Lubrication is the cause of pooling oil in the valve pilot section or in the line from the signal valve to the main valve

### Use A Pressure Booster When:

- Signal Pressure is below 30 psi
- Line Pressure is higher than signal pressure
- Greater Repeatability is needed

## SlimLine Series Bases

### Single Station (For Final Blow, Settle Blow, & Finish Cooling)

3/4" Side Ported .....	850H91
3/4" Side Ported with Shutoff .....	868G91
3/4" Bottom Ported Inlet with Shutoff .....	852G91

### Dual Station

3/4" (BSPP) Common Supply (For Cooling) .....	D846H91
3/4" (BSPP) Individual Supply Ports (For Plunger) .....	D847H91
1/2" Individual Supply Ports (For Plunger) .....	880H91

### Three Station

1/2" Common Supply and Exhaust (Cooling Manifold) .....	801H91
1/2" Individual Supply Ports, Common External Pilot Port & Exh. Ports (Plunger Up) .....	802H91
1/2" Common Supply & Exhaust Ports, Individual External Pilot Ports .....	881H91
1/2" Plunger Up, Individual Supply Ports & External Pilot Ports, Ext. Pilot Port Above Outlet .....	882H91
1/2" Common Supply, Ext. Pilot & Exhaust Ports (Cooler Manifold), Ext. Pilot Port Above Outlet .....	883H91
1/2" Plunger Up, Individual Supply Ports, Common Ext. Pilot Port & Exhaust Ports, Ext. Pilot Port Above Outlet .....	884H91

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