

## ASCO 8551

### Features

- 3/2 or 5/2 Convertible Configuration
- NAMUR Mounting
- Compact Spool Valve
- Internal Pilot Design
- Stocked in Standard, Watertight, & Explosion-Proof 120 VAC Coils
- Standard Manual Operator
- Mountable in Any Position
- Optional Features/Voltages Available Upon request

### Valve Parts in Contact with Fluid

Description	Material
Body	Black Anodized Aluminum
Spring	Phosphate Treated Black Steel
Shading Coil	Copper
Seals	NBR and PUR
Core and Core Tube	Stainless Steel / Brass
End Covers and Plate	6/6 Glass Filled PA/FV
Spool	Aluminum
Internal Parts	Zamak, Steel, CA



### Specifications

Catalog Number	Pipe Size (ins.)*	Orifice Size (ins.)*	Cv Flow Factor	Pilot Pressure (PSI)		Fluid & Ambient Temperature (°F)**		Standard Coil and Class of Insulation	Watt Rating and Power Consumption			Enclosures
				Min	Max	Min	Max AC		AC Watts	VA Holding	VA Inrush	
SC8551A001MS	1/4	1/4	0.86	30	150	5	140	F	2.5	3.5	6	IP65 type DIN (open frame) per 46244
WT8551A001MS	1/4	1/4	0.86	30	150	5	140	F	6.3	7	10.1	Types 1, 2, 3, 3S, 4, and 4X
EF8551A001MS	1/4	1/4	0.86	30	150	5	104	F	6.3	7	10.1	Types 3, 3S, 4, 4X, 6, 5P, 7, 9 Class I, Div. 1 (Groups A-D) and Class II, Div. 1 Type 9 (Groups E-G)

\* 1/8 inch NPT exhaust ports (x2)

\*\* For temperatures below 32°F, moisture-free air must be used

## ASCO 8342

### Features

- 4/2 Configuration
- Direct Acting Design (No Minimum Pressure Differential to Shift Valve)
- High Flow Construction
- Slide Style Valve
- Stocked in Watertight 120 VAC Coils
- Mountable in Any Position
- Optional Features/Voltages Available Upon request

### Valve Parts in Contact with Fluid

Description	Material
Body	Brass
Seals and Discs	NBR and FKM
Core Tube	305 Stainless Steel
Core and Plugnut	430F Stainless Steel
Springs	302 Stainless Steel / 17-7 PH Stainless Steel
Shading Coil	Copper
Sleeve	PA
Seats	Graphite-filled PTFE



### Specifications

Catalog Number	Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Pilot Pressure (PSI)			Max Fluid Temp. (°F)	Ambient Temp. Range (°F)		Standard Coil and Class of Insulation	Watt Rating and Power Consumption (AC)			Enclosure
				Maximum AC				Min	Max		AC Watts	VA Holding	VA Inrush	
				Air-Inert Gas	Water	Lt. Oil @ 300 SSU	AC							
8342G01	1/4	3/16	0.7	125	100	100	160	32	125	F	16.1	35	115	Types 1, 2, 3, 3S, 4, and 4X

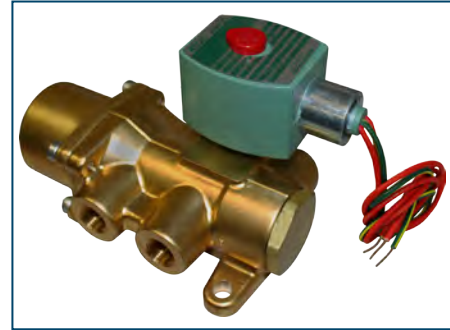
## ASCO 8344

### Features

- 4/2 Configuration
- Internal Pilot Design
- Piston-Operated Poppet Design Provides High Flow
- For Use with Air or Water
- Stocked in Watertight 120 VAC Coils
- Mountable in Any Position
- Optional Features/Voltages Available Upon request

### Valve Parts in Contact with Fluid

Description	Material
Body	Brass
Seals and Discs	NBR
Core Tube	305 Stainless Steel
Core and Plugnut	430F Stainless Steel
Springs	302 Stainless Steel / 17-7 PH Stainless Steel
Shading Coil	Copper
Pilot Seat Cartridge & Disc-Holder	CA
Shaft Gasket	PA



### Specifications

Catalog Number	Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor		Pilot Pressure (PSI)				Max Fluid Temp. (°F)	Ambient Temp. Range (°F)		Standard Coil and Class of Insulation	Watt Rating and Power Consumption (AC)			Enclosure
			Press.	Exh.	Min.*	Maximum AC				AC	Min		Max	Watts	VA Holding	
			Air-Inert Gas	Water		Lt. Oil @ 300 SSU										
8344G072	3/8	3/8	1.4	2.2	10	150	125	125	180	32	125	F	6.1	16	30	Types 1, 2, 3, 3S, 4, and 4X

\* 25 PSI minimum on light oil service. A minimum operating pressure differential must be maintained between the pressure and exhaust ports. Supply and exhaust piping must be full area, unrestricted. Flow controls and other similar components must be installed in the cylinder lines only.

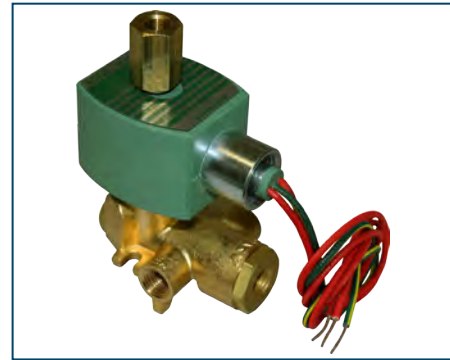
## ASCO 8345

### Features

- 4/2 Configuration
- Internal Pilot Design
- Compact Design for General & Low Flow Service
- Stocked in Watertight 120 VAC Coils
- Mountable in Any Position
- Optional Features/Voltages Available Upon request

### Valve Parts in Contact with Fluid

Description	Material
Body	Brass
Seals and Discs	NBR and PA
Core Tube	305 Stainless Steel
Core and Plugnut	430F Stainless Steel
Springs	302 Stainless Steel
Shading Coil	Copper
Piston	PA



### Specifications

Catalog Number	Pipe Size (ins.)	Orifice Size (ins.)		Cv Flow Factor		Pilot Pressure (PSI)				Max Fluid Temp. (°F)	Ambient Temp. Range (°F)		Standard Coil and Class of Insulation	Watt Rating and Power Consumption (AC)			Enclosure
		Press.	Exh.	Press.	Exh.	Min.*	Maximum AC				AC	Min		Max	Watts	VA Holding	
		Air-Inert Gas	Water	Lt. Oil @ 300 SSU													
8345G001	1/4	1/16	3/32	0.09	0.09	10	150	150	150	180	32	125	F	10.1	25	50	Types 1, 2, 3, 3S, 4, and 4X

\* A minimum operating pressure differential must be maintained between the pressure and exhaust ports. Supply and exhaust piping must be full area, unrestricted. Flow controls and other similar components must be installed in the cylinder lines only.

DOC: FNWASCOSLND05 Ver. 3/2012

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