



0.55 W Low Power Solenoid Valves

Aluminum, Brass, or Stainless Steel Bodies
1/4" to 1" NPT

2/2•3/2
4/2•5/2•5/3
SERIES
Low
Power

Features

- Molded one-piece solenoid with highly efficient solenoid cartridge and 0.55 W low wattage coil
- Standard ambient temperature of 149°F (65°C)
- Optional 176°F (80°C) high ambient temperature version
- Designed for use in automation of plant control systems to provide:
 - PLC and DCS* compatibility for BUS network and traditional wiring
 - Reduced temperature rise
 - Increase battery life
 - Reduce wiring cost
 - Energy savings
- Wide selection includes 2/2 normally closed, 3/2 normally closed (including Quick Exhaust), 3/2 universal, 4/2, 5/2, & 5/3

Construction

Valve Parts in Contact with Fluids			
Body	Aluminum	Brass	Stainless Steel
Seats and Discs	PUR, NBR, FKM as listed		
Sleeve	304L Stainless Steel		
Core and Plugnut	430F Stainless Steel		
Core Springs	302 Stainless Steel		
Pilot Seat Insert (Series 8316 & 8344 only)	POM		
Rider Rings	PTFE		
Spring Retainer	POM		

Electrical

Description	Wattage	Max. Ambient Temp.	T Code	Insulation Class	Prefix
Standard Ambient Version	.55 W	149°F (65°C)	T6	F	-
High Ambient Version	.70 W	176°F (80°C)	T6	H	HT
Surge Suppression Version	.75 W	149°F (65°C)	T6	F	MF

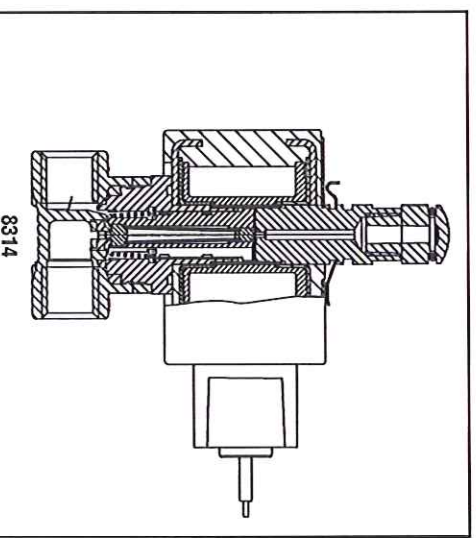
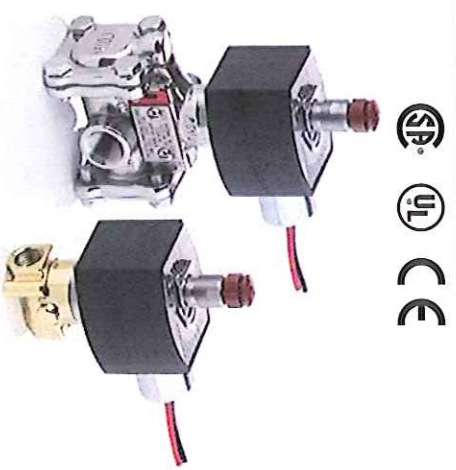
*IMPORTANT: Supervisory and leakage current above the drop out current listed will cause improper operation. Consult your local ASCO sales office for additional assistance.

Description	Wattage	Voltage (DC)	Min. Pull In (mA)	Drop Out (mA) *	Coil Resistance @68°F (20°C) (ohms)
		12V	34	1.8	255
Standard Ambient Version	.55W	24V	17	0.89	1025
		48V	8.5	0.45	4080
		125V Ⓞ	3.2	0.17	27,400
		12V	37	1.9	206
		24V	19	0.98	830
High Ambient Version	.70W	48V	9.7	0.52	3185
		125V Ⓞ	3.7	0.16	21150
		12V	41	2.2	165 Ⓞ
		24V	19	0.98	830 Ⓞ
Surge Suppression Version	.75W	48V	9.7	0.52	3185 Ⓞ
		125V Ⓞ	3.7	0.2	21150 Ⓞ

Note: Ⓞ Not for battery applications. Ⓞ Surge suppression contains diode bridge.

24VDC Spare Coil P/N	Standard Ambient Temp. Version	High Ambient Temp. Version
General Purpose	238710-913-D*	238910-906-D*
Explosion Proof	238714-913-D*	238914-906-D*
Explosion Proof, Corrosion Resistant	274714-909-D*	274914-906-D*
Explosion Proof, Surge Suppression	276006-206-D*	Not Available
Explosion Proof, Corrosion Resistant, Surge Suppression	276007-206-D*	Not Available

Note: For 12VDC, 48VDC and 125VDC coil P/N consult factory



Ordering

Normal Ambient Version: EV8551H322 24VDC
High Ambient Version: EF HT 8316H301 24VDC
Surge Suppression Version: EV MF 8314H301 24VDC

Solenoid Enclosures

Standard: Watertight, Types 1, 2, 3, 3S, 4, and 4X.
Optional: Explosionproof and Watertight, Types 3, 3S, 4, 4X, 6, 6P, 7, and 9.
(To order, add prefix "EF" to catalog number. For explosionproof with 316 Stainless Steel hub and trim, specify prefix "EV.") Surge suppression coils also available "MF" prefix.

See *Optional Features Section* for other available options.

Approvals

UL & CSA Approved for Class I Div. 1 Locations & Class I Div. 2 Non-Incendive. UL Listed General Purpose Valves. Meets applicable CE directives.

SIL 3 capable per IEC 61508 on 8314, 8316, 8551, and 8553 const. Third party certification provided by EXIDA. Refer to *Engineering Section* for details.

Nominal Ambient Temp. Ranges

Series	Body Material	Normal Temperature Range	High Ambient Temp. Version
8351/8553	Aluminum	5°F to 149°F (-15°C to 65°C)	
8314	Brass / Stainless Steel	-40°F to 149°F (-40°C to 65°C)	Low Limit is the same as Normal Temperature Ratings, but High Limit is 175°F (80°C)
8317		-20°F to 149°F (-29°C to 65°C)	
8316*		32°F to 149°F (0°C to 65°C)	
8316 (Suffix V)		-4°F to 149°F (-20°C to 65°C)	
8344	Brass Only		
8316H334			

* Does not include 8316H334

Important

These solenoid valves are intended for use on clean dry air or inert gas, filtered to 40 micrometres or better. The dew point of the media should be at least 10°C (18° F) below the minimum temperature to which any portion of the clean air/inert gas system could be exposed to prevent freezing. If lubricated air is used, the lubricants must be compatible with Nitrile elastomers. Diester oils may cause operational problems. Instrument air in compliance with ANSI/ISA Standard 7.0.01-1996 exceeds the above requirements and is, therefore, an acceptable media for these valves.

Specifications (English units)

Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor		Operating Pressure Differential (psi)		Max. Fluid and Ambient Temp. °F	Brass Body		Stainless Steel Body	
		Pressure to Cylinder	Cylinder to Exhaust	Min.	Max.		Catalog Number	Const. Ref.	Catalog Number	Const. Ref.
3/2 VALVES: UNIVERSAL OPERATION (Normally Closed or Normally Open) with NBR Disc – PFD _{avg} = 4.77 x 10 ⁻⁴ Ⓢ										
1/4	1/20	.06	.06	0	130/705 Ⓢ	149	8314H300	4	8314H301 Ⓢ	5
3/2 VALVES: NORMALLY CLOSED (Closed when de-energized) with NBR Disc or FPM, as Listed – PFD _{avg} = 9.30 x 10 ⁻⁴										
1/4	5/16	1.5	1.5	Ⓢ	130	149	8316H301 Ⓢ	6	EV8316H381V ⓈⓈ	6
3/8	5/16	1.8	1.8	Ⓢ	130	149	8316H302 Ⓢ	6	EV8316H382V ⓈⓈ	6
3/8	5/8	4	4	Ⓢ	130	149	8316H303 Ⓢ	6	-	-
1/2	5/8	4	4	Ⓢ	130	149	8316H304 Ⓢ	6	EV8316H384V ⓈⓈ	6
3/4	11/16	5.5	5.5	10	130	149	8316H374 Ⓢ	7	-	-
1	1	13	13	10	130	149	8316H384 ⓈⓈ	8	-	-
3/2 VALVES: UNIVERSAL (Normally Closed or Normally Open) "Quick Exhaust" with NBR Diaphragm and NBR Disc										
1/4	Ⓢ	.06	.73	5	130	149	8317H307 Ⓢ	9	8317H308 ⓈⓈ	10

4/2 VALVES, Brass Body with NBR Disc

Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Operating Pressure Differential (psi)		Max. Fluid and Ambient Temp. °F	Single Solenoid	
			Pressure to Cylinder	Cylinder to Exhaust		Catalog Number	Const. Ref.
1/4	1/4	.80	1	10	130	8344H370 ⓈⓈ	11
3/8	3/8	1.5	2.2	10	130	8344H372 ⓈⓈ	13
1/2	3/8	1.5	2.2	10	130	8344H374 ⓈⓈ	13
3/4	3/4	5.2	5.6	10	130	8344H376 ⓈⓈ	15
1	3/4	5.2	5.6	10	130	8344H378 ⓈⓈ	15

- There are two exhaust flows in the exhaust mode (pilot and main). The pilot exhaust must be connected to the main exhaust when the air or inert gas cannot be exhausted to atmosphere.
- For "Quick Exhaust" valves, pressure port is 1/16", exhaust port is 1/4".
- IMPORTANT:** A Minimum Operating Pressure Differential must be maintained between the pressure and exhaust ports. Supply and exhaust piping must be full area, unrestricted. ASCO flow controls and other similar components must be installed in the cylinder lines only.
- Diaphragm and main disc FPM only (pilot is low-temperature NBR).
- Zero minimum when valve selection gasket is in external position and proper auxiliary air pressure is applied. Minimum 15 psi Operating Pressure Differential when selection gasket is in the internal position.
- Can be used for *dry* natural gas service with the EF or EV prefix.
- Normally closed = 130 psi; Normally open = 105 psi.
- Solenoid only approvals with EF or EV prefix, no approvals with general purpose coil (no prefix).
- PFD_{avg} is only valid when used as Normally Closed.



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Specifications (English units)

Single Solenoid – PFD _{avg} = 3.3 x 10 ⁻³										Dual Solenoid					
Body Material	Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Operating Pressure Differential (psi)		Max. Fluid Temp. °F	Catalog Number	Const. Ref.	Operating Pressure Differential (psi)		Max. Fluid Temp. °F	Catalog Number	Const. Ref.		
				Air-Inert Gas	Min.				Max.	Air-Inert Gas				Min.	Max.
3/2, 5/2, 5/3 VALVES, with NBR and PUR Seals															
Aluminum 3/2							8551H305 ⑩	17				8551H306 ⑩	17		
Aluminum 5/2							8551H317 ⑩	18				8551H318 ⑩	18		
Aluminum 5/3 Center Closed							-	18				8551H367 ⑩	18		
Aluminum 5/3 Center Open	1/4	1/4	.86				-	18				8551H368 ⑩	18		
Brass 3/2							EF8551H307 ②⑩	17				EF8551H308 ②⑩	17		
Brass 5/2							EF8551H319 ②⑩	18				EF8551H320 ②⑩	18		
316L Stainless Steel 3/2				35	130	149	EV8551H313 ③⑩⑩	17		30	130	149	EV8551H314 ③⑩⑩	17	
316L Stainless Steel 5/2							EV8551H321 ③⑩	18				EV8551H322 ③⑩	18		
Aluminum 3/2							8553H305 ⑩	17				8553H306 ⑩	17		
Aluminum 5/2							8553H317 ⑩	18				8553H318 ⑩	18		
316L Stainless Steel 3/2	1/2	1/2	3.7				EV8553H313 ③⑩⑩	17				EV8553H314 ③⑩⑩	17		
316L Stainless Steel 5/2							EV8553H321 ③⑩⑩	18				EV8553H322 ③⑩⑩	18		

② Brass construction supplied standard with EF solenoid. ③ Stainless steel construction supplied standard with EV solenoid.
④ Can be used for *dry* natural gas service with the EF or EV prefix.
⑤ Solenoid only approvals with EF or EV prefix, no approvals with (no prefix) general purpose coil.

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Single Solenoid – PFD _{avg} = 3.3 x 10 ⁻³										Dual Solenoid				
Body Material	Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Operating Pressure Differential (psi)		Max. Fluid Temp. °F	Catalog Number	Const. Ref.	Operating Pressure Differential (psi)		Max. Fluid Temp. °F	Catalog Number	Const. Ref.	
				Min.	Max.				Min.	Max.				
3/2, 5/2, 5/3 VALVES, with NBR and PUR Seals, NAMUR Mount														
Aluminum 3/2, 5/2							8551H301 ①	19				8551H302 ①	19	
Aluminum 5/3 Center Closed							-	-				8551H365 ⑥	20	
Aluminum 5/3 Center Open	1/4	1/4	.86				-	-				8551H366 ⑥	20	
Brass 3/2, 5/2				35	130	149	EF8551H303 ②⑩⑥	19		30	130	149	EF8551H304 ②⑩⑥	19
316L Stainless Steel 3/2, 5/2							EV8551H309 ②⑥	20				EV8551H310 ②⑥	20	
Aluminum 3/2, 5/2							8553H301 ⑥	20				8553H302 ⑥	20	
316L Stainless Steel 3/2, 5/2	1/2	1/2	3.7				EV8553H309 ②⑥⑥	20				EV8553H310 ②⑥⑥	20	
① 1/8" NPT exhaust for 1/4" aluminum and brass. ② Brass construction supplied standard with EF solenoid. ③ Stainless steel construction supplied standard with EV solenoid. ④ Can be used for <i>dry</i> natural gas service with the EF or EV prefix. ⑤ Solenoid only approvals with EF or EV prefix, no approvals with (no prefix) general purpose coil.														

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Specifications (Metric units)

Pipe Size (ins.)	Orifice Size (mm)	Kv Flow Factor (m3/h)		Operating Pressure Differential (bar)		Max. Fluid and Ambient Temp. °C	Brass Body		Stainless Steel Body		
		Pressure to Cylinder	Cylinder to Exhaust	Min.	Max.		Catalog Number	Const. Ref.	Catalog Number	Const. Ref.	
3/2 VALVES: UNIVERSAL OPERATION (Normally Closed or Normally Open) with NBR Disc – PFDavg = 4.77 x 10 ⁻⁴ ⑩											
1/4	1.3	.05	.05	0	9/7 ⑦	65	8314H300	4	8314H301 ⑥	5	
3/2 VALVES: NORMALLY CLOSED (Closed when de-energized) with NBR Disc or FPM, as Listed – PFDavg = 9.30 x 10 ⁻⁴											
1/4	8	1.3	1.3	⑤	9	65	8316H301 ②	6	EV8316H381V ④⑥	6	
3/8	8	1.6	1.6	⑤	9	65	8316H302 ②	6	EV8316H382V ④⑥	6	
3/8	16	3.5	3.5	⑤	9	65	8316H303 ②	6	-	-	
1/2	16	3.5	3.5	⑤	9	65	8316H304 ②	6	EV8316H384V ④⑥	6	
3/4	17	4.7	4.7	0.7	9	65	8316H374 ②	7	-	-	
1	25	11.2	11.2	0.7	9	65	8316H384 ④⑥	8	-	-	
3/2 VALVES: UNIVERSAL (Normally Closed or Normally Open) "Quick Exhaust" with NBR Diaphragm and NBR Disc											
1/4	②	.07	.63	0.3	9	65	8317H307 ①	9	8317H308 ④⑥	10	
4/2 VALVES, Brass Body with NBR Disc											
Pipe Size (ins.)	Orifice Size (mm)	Kv Flow Factor (m3/h)		Operating Pressure Differential (bar)		Max. Fluid and Ambient Temp. °C	Single Solenoid				
		Pressure to Cylinder	Cylinder to Exhaust	Min.	Max.		Catalog Number	Const. Ref.			
1/4	6	.69	.86	0.7	9	65	8344H370 ④⑥	11			
3/8	10	1.3	1.9	0.7	9	65	8344H372 ④⑥	13			
1/2	10	1.3	1.9	0.7	9	65	8344H374 ④⑥	13			
3/4	19	4.5	4.8	0.7	9	65	8344H376 ④⑥	15			
1	19	4.5	4.8	0.7	9	65	8344H378 ④⑥	15			
① There are two exhaust flows in the exhaust mode (pilot and main). The pilot exhaust must be connected to the main exhaust when the air or inert gas cannot be exhausted to atmosphere.											
② For "Quick Exhaust" valves, pressure port is 1/16", exhaust port is 1/4".											
③ IMPORTANT: A Minimum Operating Pressure Differential must be maintained between the pressure and exhaust ports. Supply and exhaust piping must be full area, unrestricted.											
ASCO flow controls and other similar components must be installed in the cylinder lines only.											
④ Diaphragm and main disc FKM only (pilot is low-temperature NBR).											
⑤ Zero minimum when valve selection gasket is in external position and proper auxiliary air pressure is applied. Minimum 1.0 bar Operating Pressure Differential when selection gasket is in the internal position.											
⑥ Can be used for <i>dry</i> natural gas service with the EF or EV prefix.											
⑦ Normally closed = 9 bar / Normally open = 7 bar.											
⑧ Solenoid only approvals with EF or EV prefix, no approvals with general purpose coil (no prefix).											
⑨ PFDavg is only valid when used as Normally Closed											

- ① There are two exhaust flows in the exhaust mode (pilot and main). The pilot exhaust must be connected to the main exhaust when the air or inert gas cannot be exhausted to atmosphere.
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- ④ Diaphragm and main disc FKM only (pilot is low-temperature NBR).
- ⑤ Zero minimum when valve selection gasket is in external position and proper auxiliary air pressure is applied. Minimum 1.0 bar Operating Pressure Differential when selection gasket is in the internal position.
- ⑥ Can be used for *dry* natural gas service with the EF or EV prefix.
- ⑦ Normally closed = 9 bar / Normally open = 7 bar.
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SPECIAL SERVICE
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Specifications (Metric units)

Single Solenoid – PFDwg = 3.3 x 10 ⁻³										Dual Solenoid					
Body Material	Pipe Size (ins.)	Orifice Size (mm)	Kv Flow Factor (m3/h)	Operating Pressure Differential (bar)		Max. Fluid Temp. °C	Catalog Number	Const. Rel.	Operating Pressure Differential (bar)		Max. Fluid Temp. °C	Catalog Number	Const. Rel.		
				Min.	Max.				Min.	Max.					
				3/2, 5/2, 5/3 VALVES, with NBR and PUR Seats											
Aluminum 3/2							8551H305 ②	17				8551H306 ②	17		
Aluminum 5/2							8551H317 ②	18				8551H318 ②	18		
Aluminum 5/3 Center Closed							-	18				8551H367 ②	18		
Aluminum 5/3 Center Open	1/4	6	.74				-	18				8551H368 ②	18		
Brass 3/2							EF8551H307 ②②	17				EF8551H308 ②②	17		
Brass 5/2							EF8551H319 ②②	18				EF8551H320 ②②	18		
316L Stainless Steel 3/2				2.4	9	65	EF8551H313 ②②②	17		2	9	65	EF8551H314 ②②②	17	
316L Stainless Steel 5/2							EV8551H321 ②②	18					EV8551H322 ②②	18	
Aluminum 3/2							8553H305 ②	17					8553H306 ②	17	
Aluminum 5/2							8553H317 ②	18					8553H318 ②	18	
316L Stainless Steel 3/2	1/2	13	3.2				EV8553H313 ②②②	17					EV8553H314 ②②②	17	
316L Stainless Steel 5/2							EV8553H321 ②②②	18					EV8553H322 ②②②	18	
② Brass construction supplied standard with EF solenoid. ③ Stainless steel construction supplied standard with EV solenoid.															
④ Can be used for <i>dry</i> natural gas service with the EF or EV prefix.															
⑤ Solenoid only approvals with EF or EV prefix, no approvals with general purpose coil (no prefix).															

SPECIAL SERVICE
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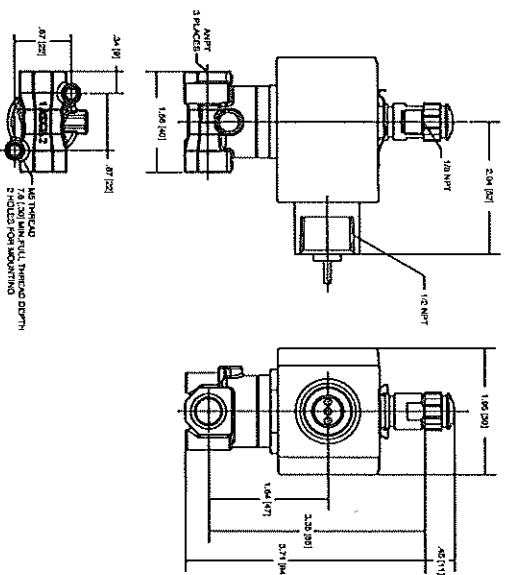
Single Solenoid – PFDwg = 3.3 x 10 ⁻³										Dual Solenoid					
Body Material	Pipe Size (ins.)	Orifice Size (mm)	Kv Flow Factor (m3/h)	Operating Pressure Differential (bar)			Max. Fluid Temp. °C	Catalog Number	Const. Rel.	Operating Pressure Differential (bar)			Max. Fluid Temp. °C	Catalog Number	Const. Rel.
				Min.	Max.	Air-Inert Gas				Min.	Max.	Air-Inert Gas			
3/2, 5/2, 5/3 VALVES, with NBR and PUR Seats, NAMUR Mount															
Aluminum 3/2, 5/2								8551H301 ①	19					8551H302 ①	19
Aluminum 5/3 Center Closed								-	-					8551H365 ②	20
Aluminum 5/3 Center Open	1/4 ①	6	.74					-	-					8551H366 ②	20
Brass 3/2, 5/2				2.4	9	65		EF8551H303 ②②②	19	2	9	65		EF8551H304 ②②②	19
316L Stainless Steel 3/2, 5/2								EV8551H309 ②②	20					EV8551H310 ②②	20
Aluminum 3/2, 5/2								8553H301 ②	20					8553H302 ②	20
316L Stainless Steel 3/2, 5/2	1/2	13	3.2					EV8553H309 ②②②	20					EV8553H310 ②②②	20
① 1/8" NPT exhaust for 1/4" aluminum and brass. ② Brass construction supplied standard with EF solenoid. ③ Stainless steel construction supplied standard with EV solenoid.															
④ Can be used for <i>dry</i> natural gas service with the EF or EV prefix.															
⑤ Solenoid only approvals with EF or EV prefix, no approvals with general purpose coil (no prefix).															

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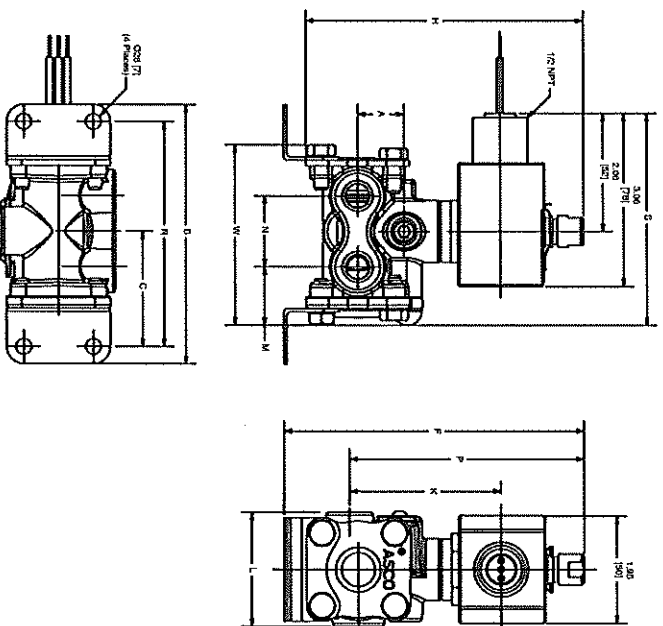
Dimensions: inches (mm)

Const. Ref. 4, 5



Catalog Number	A	B	C	F	H	K	L	M	N	P	R	S	W
8316H301, 382	Inch. .84	4.68	2.08	5.41	5.01	2.73	2.06	1.06	1.28	4.23	4.06	3.83	3.26
	mm 21	119	53	137	127	69	52	27	33	107	103	97	83
8316H303, 304	Inch. 1.19	4.88	2.18	5.90	5.40	2.98	2.72	1.24	1.32	4.48	4.26	4.03	3.59
	mm 30	124	56	150	167	76	69	31	34	114	108	102	91
8316H381, 382	Inch. 1.00	4.71	2.11	5.57	5.17	2.73	2.06	1.08	1.28	4.24	4.09	3.86	3.28
	mm 25	120	54	141	131	69	52	27	33	108	104	98	83
8316H394	Inch. 1.11	4.88	2.18	5.98	5.48	2.84	2.72	1.24	1.37	4.34	4.26	4.04	3.59
	mm 28	124	55	152	139	72	69	31	35	110	108	102	91

Const. Ref. 6

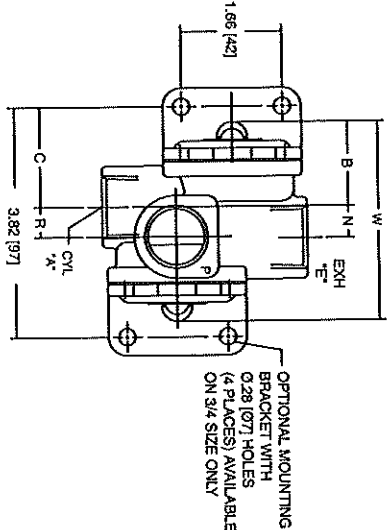
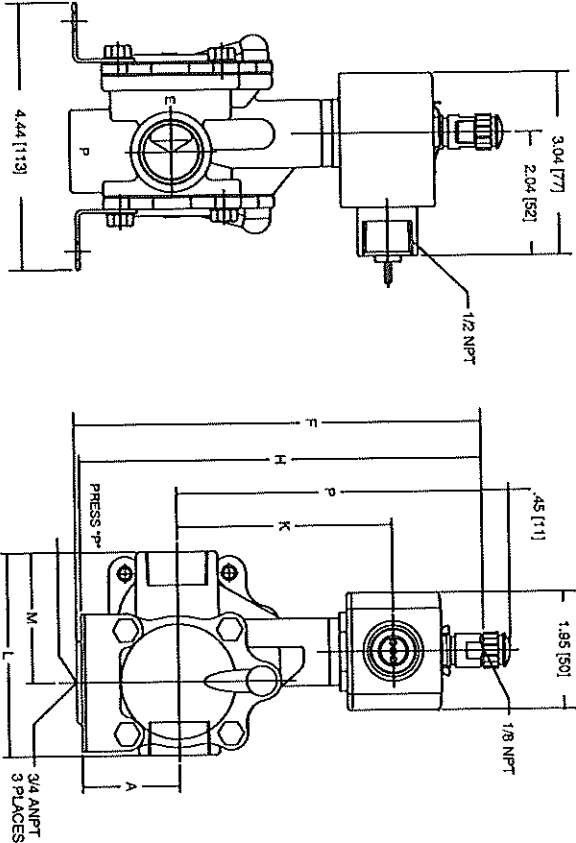


SPECIAL SERVICE
PIL01

Dimensions: inches (mm)

Const. Ref.	A	B	C	H	K	L	W	N	P	R	W
7	Ins.	1.61	1.41	1.68	6.78	3.68	3.38	2.16	.58	5.09	.50
	mm	41	36	42	172	93	86	55	13	129	13
8	Ins.	-	1.78	-	7.40	3.93	4.44	2.81	.87	5.34	1.74
	mm	-	45	-	188	100	113	71	22	136	44

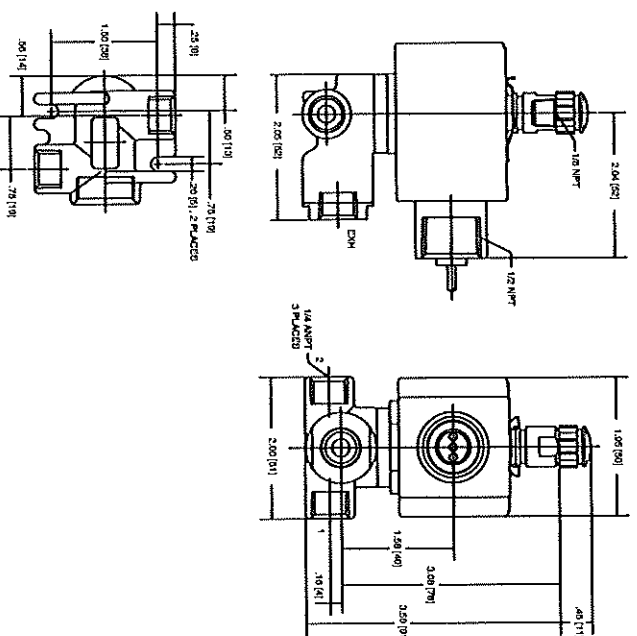
Const. Ref. 7, 8



SPECIAL SERVICE
PILOT

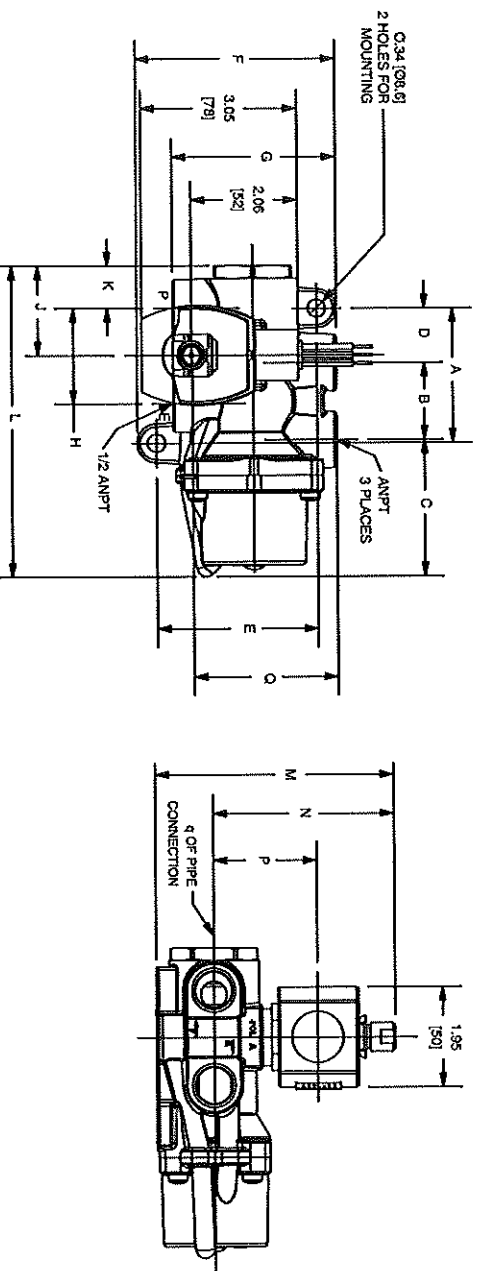
Dimensions: inches (mm)

Const. Ref. 9, 10



Catalog Number	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
8344H370	ins. 1.88	1.03	2.15	0.72	2.41	3.21	3.13	1.41	1.36	0.72	4.71	4.65	3.70	2.19	2.22
	mm 48	26	55	18	61	82	80	36	36	18	120	118	94	56	57
8344H372, 374	ins. 2.62	1.50	2.66	1.06	3.12	3.88	3.18	1.86	1.75	0.83	6.06	4.63	3.51	2.01	2.81
	mm 67	38	68	27	79	99	81	47	45	21	154	118	89	51	71
8344H376, 378	ins. 3.89	2.10	3.53	1.48	3.79	4.69	4.56	2.12	2.49	1.52	8.22	5.41	3.86	2.36	3.38
	mm 99	53	90	38	96	119	116	54	63	39	209	137	98	60	86

Const. Ref. 11, 13, 15



Dimensions: inches (mm)

Series	8551	8553
NPT	1/4	1/2
L1 ⌀	5.12 (132)	6.00 (153)
L2 ⌀	6.73 (171)	7.80 (198)
H2	4.38 (111)	4.77 (121)
H1	1.10 (28)	1.58 (40)
W	1.77 (45)	2.85 (72)

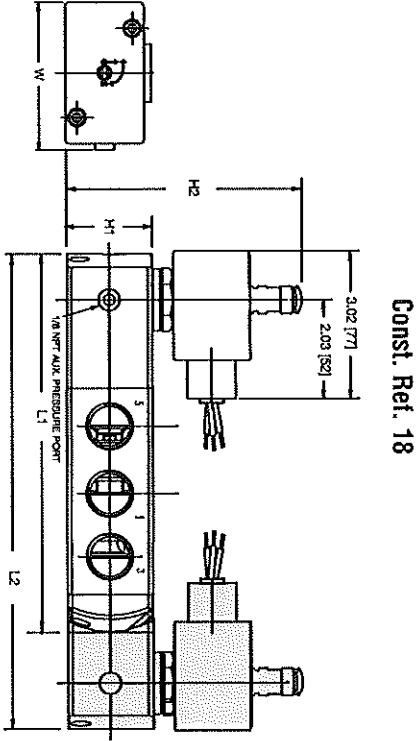
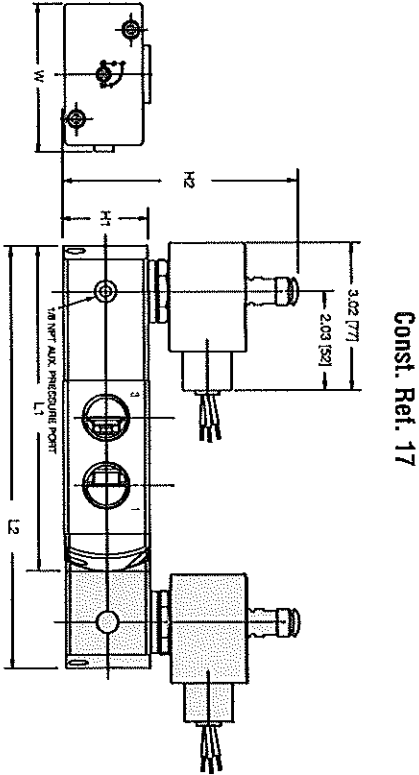
Ⓛ Manual override option MH adds .250" (6.4),
MS option adds .468" (11.9) to each solenoid endcap.

Add Suffix	Optional Manual Operators	Description
MO		Push and turn to lock with flat head screwdriver slot
MH		Momentary push in by hand
MS		Push and turn to lock by hand

Series	8551	8553
NPT	1/4	1/2
L1 ⌀	5.83 (144)	7.06 (180)
L2 ⌀	7.20 (183)	8.86 (225)
H2	4.38 (111)	4.77 (121)
H1	1.10 (28)	1.58 (40)
W	1.77 (45)	2.85 (72)

Ⓛ Manual override option MH adds .250" (6.4),
MS option adds .468" (11.9) to each solenoid endcap.

Add Suffix	Optional Manual Operators	Description
MO		Push and turn to lock with flat head screwdriver slot
MI		Momentary push in with flat head screwdriver slot
MH		Momentary push in by hand
MS		Push and turn to lock by hand



Dimensions: inches (mm)

Series	8551 (Aluminum, Brass)
NPT	1/4
L1 Ø	4.96 (126)
L2 Ø	6.49 (165)
H2	4.38 (111)
H1	1.57 (40)
W	1.77 (45)

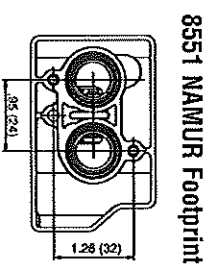
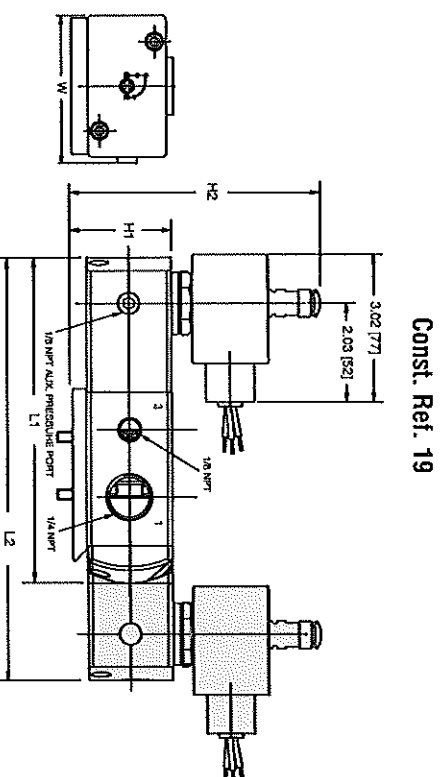
① Manual override option MH adds .250" (6.4),
MS option adds .468" (11.9) to each solenoid endcap.

Optional Manual Operators	
Add Suffix	Description
MO	Push and turn to lock with flat head screwdriver slot
MI	Momentary push in with flat head screwdriver slot
MH	Momentary push in by hand
MS	Push and turn to lock by hand

Series	8551 (316L SS)	8551 (5/3)	8553
NPT	1/4	1/4	1/2
L1 Ø	5.20 (132)	-	7.08 (180)
L2 Ø	6.73 (171)	7.44 (189)	8.85 (225)
H2	4.38 (111)	4.38 (111)	4.77 (121)
H1	1.57 (40)	1.57 (40)	2.08 (53)
W	1.77 (45)	1.77 (45)	2.87 (73)

① Manual override option MH adds .250" (6.4),
MS option adds .468" (11.9) to each solenoid endcap.

Optional Manual Operators	
Add Suffix	Description
MO	Push and turn to lock with flat head screwdriver slot
MI	Momentary push in with flat head screwdriver slot
MH	Momentary push in by hand
MS	Push and turn to lock by hand



Const. Ref. 20

