

Features

- Ideal for valve automation for the oil and gas market
- Reliable, robust design with high flow performance
- Corrosion Resistant - 316L Stainless Steel valve materials make it ideal for offshore and harsh environments
- Solenoid options with Factory Sealed Leads reduces installation time
- Explosion-proof solenoid options
- ATEX & IECEx, UL and CSA global approval options for hazardous locations
- Rated for air, inert gas and sweet dry natural gas

Construction

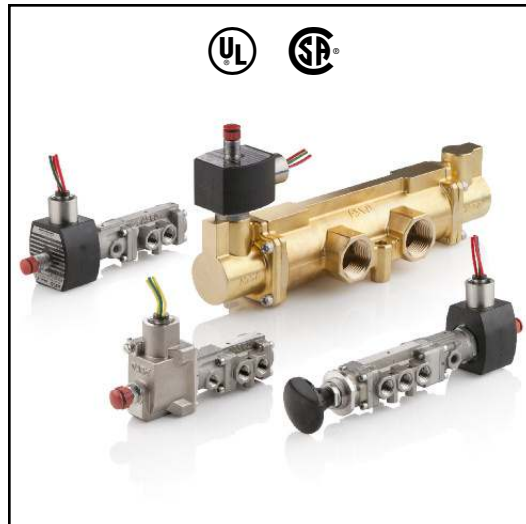
Valve Parts in Contact with Fluids	
Body	316L Stainless Steel, Brass
Spring	Cobalt Alloy
Seals	FKM (standard), Low Temp NBR (optional)
Core and Plugnut	430F Stainless Steel
Spool	316L Stainless Steel

Electrical

Coil Options	Insulation Class	Wattage	Spare Coil Part Number
Intrinsically Safe	H	0.48 W	298006
Ultra Low Power	F	0.55 W	274714
Standard Low Power	F	1.4 W	274714
Compact Low Power	F	1.8 W	437962
Standard AC	F	10.1 W	274614
Standard DC	F	11.6 W	274714
Stainless Steel Encapsulated	F	1.8 W	505434

IMPORTANT: Supervisory & 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 at 68°F (20°C) (Ohms)
Ultra Low Power	0.55 W	12V	34.0	3.63	255
		24V	17.0	1.80	1025
		48V	8.5	0.91	4080
		125V	3.2	0.34	27,400
Standard Low Power	1.4 W	12 V	83.5	13.9	102
		24 V	42.0	7.0	410
Compact Low Power	1.8 W	12 V	95.0	20.0	80
		24 V	47.0	10.0	320
Stainless Steel Encapsulated	1.8 W	12 V	99.0	18.0	80
		24 V	47.0	10.0	320



Nominal Ambient Temp. Ranges

Ultra Low Power and Intrinsically Safe:

Standard FKM: -5°F to 149°F (-20°C to 65°C)

Low Temp NBR: -40°F to 149°F (-40°C to 65°C)

Standard Low Power:

Standard FKM: -5°F to 140°F (-20°C to 60°C)

Low Temp NBR: -40°F to 140°F (-40°C to 60°C)

Compact Power:

Standard FKM: -5°F to 200°F (-20°C to 93°C)

Low Temp NBR: -40°F to 200°F (-40°C to 93°C)

Standard AC and DC:

Standard FKM: -5°F to 131°F (-20°C to 55°C)

Single & Dual Solenoid Low Temp NBR:

-40°F to 131°F (-40°C to 55°C)

Stainless Steel Encapsulated:

Standard FKM: -5°F to 194°F (-20°C to 90°C)

Note: Low Temperature option for Palm Button and Solenoid Option: -20°F to 200°F (-29°C to 93°C)

Solenoid Enclosures

Standard: Explosionproof and Watertight, Types 4X, 6, and 6P.

Refer to Engineering Section for fluid and temperature compatibility.

Approvals

Solenoid Only:

UL and CSA Certified for Class I Div. 1 Locations

ATEX, IECEx: Ex d mb

ATEX, IECEx: Ex d

Refer to Engineering Section for details.

**3/2•5/2
SERIES
362/562**



Thorne & Derrick
+44 (0) 191 490 1547
www.heatingandprocess.com



Important

These solenoid valves are intended for use on clean dry air, inert gas, or sweet dry natural gas filtered to 40 micron 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 air, inert gas or sweet dry natural gas system could be exposed to prevent freezing. If lubricated air is used, the lubricants must be compatible with FKM and LT NBR elastomers. 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.

How to order

8 362 A 1 01 H1 1 1 2 F1

Connection Type

8 = NPT

Product Series

362 = 3 way for Process Automation
562 = 4 way for Process Automation

Select version from Specification Tables on following pages.
(Configurator available at www.asco.com)

Voltage

F0 120/60, 110/50 Class F
F1 24/DC Class F
F3 12/DC Class F
H1 24/DC Class H

Solenoid Type/Orientation

1 Compact Low Power (1.8W)
2 Low Power (1.4W)
3 Stainless Steel Encapsulated (1.8 W)
4 Ultra Low Power (0.55W)
5 Intrinsically Safe Low Power (0.48W)
6 Standard AC (10.1W)
7 Standard DC (11.6W)
A Compact Low Power (1.8W) / 90 Degree Solenoid
C Low Power (1.4W) / 90 Degree Solenoid
D Stainless Steel Encapsulated (1.8W) / 90 Degree Solenoid
E Ultra Low Power (0.55W) / 90 Degree Solenoid
F Intrinsically Safe Low Power (0.48W) / 90 Degree Solenoid
G Standard AC (10.1W) / 90 Degree Solenoid
H Standard DC (11.6W) / 90 Degree Solenoid

Elastomer/Manual Override

1 FKM
2 FKM with MO*
3 Low Temperature NBR
4 Low Temperature NBR with MO*
*(3/4" and 1" only)

SPECIAL SERVICE
PILOT



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Specifications English units (Metric)

Pipe Size (in)	Base Catalog Number ①		Function	Solenoid Orientation	Flow Cv (Kv)	Main Operating Pressure Differential psi (bar) ②		External Pilot Pressure psi (bar)		Max. Fluid Temp. °F (°C)	Product Weight kgs	Const. Ref.
	Stainless Steel	Brass				Min.	Max.	Min.	Max.			
Normally Closed / Internally Piloted												
1/4"	8362A101H181_F1	N/A	Single Solenoid/Spring Return	Straight	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	2.02	1
1/4"	8362A102H181_F1	N/A	Single Solenoid, Palm Button /Spring Return	Straight	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	2.33	2
1/4"	8362A104H181_F1	N/A	Single Solenoid With Latching/Spring Return	Straight	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	2.38	3
1/4"	8362A105H181_F1	N/A	Single Solenoid, Palm Button With Latching/Spring Return	Straight	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	2.40	4
1/4"	8362A101H181_F1	N/A	Single Solenoid/Spring Return	90 Degree Solenoid	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	2.84	5
3/4"	8362A401H181_F1	-	Single Solenoid/Spring Return	90 Degree Solenoid	13.0 (11.2)	50 (3.4)	150 (10.3)	N/A	N/A	200 (93)	4.85	35
3/4"	-	8362AE01H181_F1	Single Solenoid/Spring Return	90 Degree Solenoid	13.0 (11.2)	50 (3.4)	150 (10.3)	N/A	N/A	200 (93)	5.36	35
1"	8362A501H181_F1	-	Single Solenoid/Spring Return	90 Degree Solenoid	15.5 (13.4)	50 (3.4)	150 (10.3)	N/A	N/A	200 (93)	4.76	35
1"	-	8362AF01H181_F1	Single Solenoid/Spring Return	90 Degree Solenoid	15.5 (13.4)	50 (3.4)	150 (10.3)	N/A	N/A	200 (93)	5.17	35
1/4"	8362A102H181_F1	N/A	Single Solenoid, Palm Button /Spring Return	90 Degree Solenoid	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	2.79	6
1/4"	8362A104H181_F1	N/A	Single Solenoid With Latching/Spring Return	90 Degree Solenoid	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	3.52	7
1/4"	8362A105H181_F1	N/A	Single Solenoid, Palm Button With Latching/Spring Return	90 Degree Solenoid	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	3.45	8
Normally Closed / Externally Piloted												
1/4"	8362A101H101_F1	N/A	Single Solenoid/Spring Return	Straight	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	2.02	1
1/4"	8362A102H101_F1	N/A	Single Solenoid, Palm Button /Spring Return	Straight	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	2.33	2
1/4"	8362A104H101_F1	N/A	Single Solenoid With Latching/Spring Return	Straight	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	2.38	3
1/4"	8362A105H101_F1	N/A	Single Solenoid, Palm Button With Latching/Spring Return	Straight	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	2.40	4
1/4"	8362A101H101_F1	N/A	Single Solenoid/Spring Return	90 Degree Solenoid	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	2.84	5
3/4"	8362A401H101_F1	-	Single Solenoid/Spring Return	90 Degree Solenoid	13.0 (11.2)	0	200 (13.8)	50 (3.4)	150 (10.3)	200 (93)	4.89	35
3/4"	-	8362AE01H101_F1	Single Solenoid/Spring Return	90 Degree Solenoid	13.0 (11.2)	0	200 (13.8)	50 (3.4)	150 (10.3)	200 (93)	5.36	35
1"	8362A501H101_F1	-	Single Solenoid/Spring Return	90 Degree Solenoid	15.5 (13.4)	0	200 (13.8)	50 (3.4)	150 (10.3)	200 (93)	4.76	35
1"	-	8362AF01H101_F1	Single Solenoid/Spring Return	90 Degree Solenoid	15.5 (13.4)	0	200 (13.8)	50 (3.4)	150 (10.3)	200 (93)	5.17	35
1/4"	8362A102H101_F1	N/A	Single Solenoid, Palm Button /Spring Return	90 Degree Solenoid	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	2.79	6
1/4"	8362A104H101_F1	N/A	Single Solenoid With Latching/Spring Return	90 Degree Solenoid	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	3.52	7
1/4"	8362A105H101_F1	N/A	Single Solenoid, Palm Button With Latching/Spring Return	90 Degree Solenoid	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	3.45	8
Normally Open / Internally Piloted												
1/4"	8362A101H191_F1	N/A	Single Solenoid/Spring Return	Straight	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	2.02	9
1/4"	8362A102H191_F1	N/A	Single Solenoid, Palm Button /Spring Return	Straight	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	2.33	10
1/4"	8362A104H191_F1	N/A	Single Solenoid With Latching/Spring Return	Straight	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	2.38	11
1/4"	8362A105H191_F1	N/A	Single Solenoid, Palm Button With Latching/Spring Return	Straight	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	2.40	12
1/4"	8362A101H191_F1	N/A	Single Solenoid/Spring Return	90 Degree Solenoid	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	2.84	13
3/4"	8362A401H191_F1	-	Single Solenoid/Spring Return	90 Degree Solenoid	13.0 (11.2)	50 (3.4)	150 (10.3)	N/A	N/A	200 (93)	4.85	35
3/4"	-	8362AE01H191_F1	Single Solenoid/Spring Return	90 Degree Solenoid	13.0 (11.2)	50 (3.4)	150 (10.3)	N/A	N/A	200 (93)	5.36	35
1"	8362A501H191_F1	-	Single Solenoid/Spring Return	90 Degree Solenoid	15.5 (13.4)	50 (3.4)	150 (10.3)	N/A	N/A	200 (93)	4.76	35
1"	-	8362AF01H191_F1	Single Solenoid/Spring Return	90 Degree Solenoid	15.5 (13.4)	50 (3.4)	150 (10.3)	N/A	N/A	200 (93)	5.17	35
1/4"	8362A102H191_F1	N/A	Single Solenoid, Palm Button /Spring Return	90 Degree Solenoid	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	2.79	14
1/4"	8362A104H191_F1	N/A	Single Solenoid With Latching/Spring Return	90 Degree Solenoid	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	3.52	15
1/4"	8362A105H191_F1	N/A	Single Solenoid, Palm Button With Latching/Spring Return	90 Degree Solenoid	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	3.45	16
Normally Open / Externally Piloted												
1/4"	8362A101H111_F1	N/A	Single Solenoid/Spring Return	Straight	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	2.02	9
1/4"	8362A102H111_F1	N/A	Single Solenoid, Palm Button /Spring Return	Straight	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	2.33	10
1/4"	8362A104H111_F1	N/A	Single Solenoid With Latching/Spring Return	Straight	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	2.38	11
1/4"	8362A105H111_F1	N/A	Single Solenoid, Palm Button With Latching/Spring Return	Straight	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	2.40	12
1/4"	8362A101H111_F1	N/A	Single Solenoid/Spring Return	90 Degree Solenoid	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	2.84	13
3/4"	8362A401H111_F1	-	Single Solenoid/Spring Return	90 Degree Solenoid	13.0 (11.2)	0	200 (13.8)	50 (3.4)	150 (10.3)	200 (93)	4.89	35
3/4"	-	8362AE01H111_F1	Single Solenoid/Spring Return	90 Degree Solenoid	13.0 (11.2)	0	200 (13.8)	50 (3.4)	150 (10.3)	200 (93)	5.36	35
1"	8362A501H111_F1	-	Single Solenoid/Spring Return	90 Degree Solenoid	15.5 (13.4)	0	200 (13.8)	50 (3.4)	150 (10.3)	200 (93)	4.76	35
1"	-	8362AF01H111_F1	Single Solenoid/Spring Return	90 Degree Solenoid	15.5 (13.4)	0	200 (13.8)	50 (3.4)	150 (10.3)	200 (93)	5.17	35
1/4"	8362A102H111_F1	N/A	Single Solenoid, Palm Button /Spring Return	90 Degree Solenoid	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	2.79	14
1/4"	8362A104H111_F1	N/A	Single Solenoid With Latching/Spring Return	90 Degree Solenoid	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	3.52	15
1/4"	8362A105H111_F1	N/A	Single Solenoid, Palm Button With Latching/Spring Return	90 Degree Solenoid	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	3.45	16
Normally Closed Detent/Internally Piloted												
1/4"	8362A103H1D1_F1	N/A	Single Solenoid, Palm Button/Manual Return	Straight	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	2.51	17
1/4"	8362A103H1D1_F1	N/A	Single Solenoid, Palm Button/Manual Return	90 Degree Solenoid	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	2.51	18
Normally Closed Detent/Externally Piloted												
1/4"	8362A103H141_F1	N/A	Single Solenoid, Palm Button/Manual Return	Straight	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	2.51	17
1/4"	8362A103H141_F1	N/A	Single Solenoid, Palm Button/Manual Return	90 Degree Solenoid	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	2.51	18
Normally Open Detent/Internally Piloted												
1/4"	8362A103H1E1_F1	N/A	Single Solenoid, Palm Button/Manual Return	Straight	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	2.51	19
1/4"	8362A103H1E1_F1	N/A	Single Solenoid, Palm Button/Manual Return	90 Degree Solenoid	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	2.51	20
Normally Open Detent/Externally Piloted												
1/4"	8362A103H151_F1	N/A	Single Solenoid, Palm Button/Manual Return	Straight	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	2.51	19
1/4"	8362A103H151_F1	N/A	Single Solenoid, Palm Button/Manual Return	90 Degree Solenoid	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	2.51	20
Detent/Internally Piloted												
1/4"	8362A106H1G1_F1	N/A	Dual Solenoid	Straight	2.0 (1.7)	15 (1.0)	150 (10.3)	N/A	N/A	200 (93)	4.49	21
1/4"	8362A106H1G1_F1	N/A	Dual Solenoid	90 Degree Solenoid	2.0 (1.7)	15 (1.0)	150 (10.3)	N/A	N/A	200 (93)	4.49	22
Detent/Externally Piloted												
1/4"	8362A106H171_F1	N/A	Dual Solenoid	Straight	2.0 (1.7)	0	150 (10.3)	15 (1.0)	150 (10.3)	200 (93)	4.49	21
1/4"	8362A106H171_F1	N/A	Dual Solenoid	90 Degree Solenoid	2.0 (1.7)	0	150 (10.3)	15 (1.0)	150 (10.3)	200 (93)	4.49	22

SPECIAL SERVICE PILOT

① Please refer to How to Order section to complete base catalog number selection.

② Maximum pressure is 130 psi (9 bar) internally piloted for Intrinsically Safe and Ultra Low Power versions.

3/2•5/2
SERIES
362/562



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Specifications English units (Metric)

Pipe Size (in)	Base Catalog Number ①		Function	Solenoid Orientation	Flow Cv (Kv)	Main Operating Pressure Differential psi (bar) ②		External Pilot Pressure psi (bar)		Max. Fluid Temp. °F (°C)	Product Weight kgs	Const. Ref.
	Stainless Steel	Brass				Min.	Max.	Min.	Max.			
Externally Piloted												
1/4"	8562A101H131_F1	N/A	Single Solenoid/Spring Return	Straight	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	3.61	23
1/4"	8562A102H131_F1	N/A	Single Solenoid,Palm Button /Spring Return	Straight	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	3.92	24
1/4"	8562A104H131_F1	N/A	Single Solenoid With Latching/Spring Return	Straight	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	3.96	25
1/4"	8562A105H131_F1	N/A	Single Solenoid, Palm Button With Latching/Spring Return	Straight	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	3.99	26
1/4"	8562A101H131_F1	N/A	Single Solenoid/Spring Return	90 Degree Solenoid	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	4.43	27
3/4"	8562A401H131_F1	-	Single Solenoid/Spring Return	90 Degree Solenoid	13.0 (11.2)	0	200 (13.8)	50 (3.4)	150 (10.3)	200 (93)	6.28	36
3/4"	-	8562AE01H131_F1	Single Solenoid/Spring Return	90 Degree Solenoid	13.0 (11.2)	0	200 (13.8)	50 (3.4)	150 (10.3)	200 (93)	7.00	36
1"	8562A501H131_F1	-	Single Solenoid/Spring Return	90 Degree Solenoid	15.5 (13.4)	0	200 (13.8)	50 (3.4)	150 (10.3)	200 (93)	6.05	36
1"	-	8562AF01H131_F1	Single Solenoid/Spring Return	90 Degree Solenoid	15.5 (13.4)	0	200 (13.8)	50 (3.4)	150 (10.3)	200 (93)	6.69	36
3/4"	8362A406H131_F1	-	Dual Solenoid	90 Degree Solenoid	13.0 (11.2)	0	200 (13.8)	25 (1.8)	150 (10.3)	200 (93)	5.47	37
3/4"	-	8362AE06H131_F1	Dual Solenoid	90 Degree Solenoid	13.0 (11.2)	0	200 (13.8)	20 (1.4)	150 (10.3)	200 (93)	5.94	37
1"	8362A506H131_F1	-	Dual Solenoid	90 Degree Solenoid	15.5 (13.4)	0	200 (13.8)	20 (1.4)	150 (10.3)	200 (93)	5.34	37
1"	-	8362AF06H131_F1	Dual Solenoid	90 Degree Solenoid	15.5 (13.4)	0	200 (13.8)	20 (1.4)	150 (10.3)	200 (93)	5.75	37
3/4"	8562A406H131_F1	-	Dual Solenoid	90 Degree Solenoid	13.0 (11.2)	0	200 (13.8)	20 (1.4)	150 (10.3)	200 (93)	6.86	38
3/4"	-	8562AE06H131_F1	Dual Solenoid	90 Degree Solenoid	13.0 (11.2)	0	200 (13.8)	20 (1.4)	150 (10.3)	200 (93)	7.38	38
1"	8562A506H131_F1	-	Dual Solenoid	90 Degree Solenoid	15.5 (13.4)	0	200 (13.8)	20 (1.4)	150 (10.3)	200 (93)	6.63	38
1"	-	8562AF06H131_F1	Dual Solenoid	90 Degree Solenoid	15.5 (13.4)	0	200 (13.8)	20 (1.4)	150 (10.3)	200 (93)	7.27	38
1/4"	8562A102H131_F1	N/A	Single Solenoid,Palm Button /Spring Return	90 Degree Solenoid	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	4.38	28
1/4"	8562A104H131_F1	N/A	Single Solenoid With Latching/Spring Return	90 Degree Solenoid	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	5.11	29
1/4"	8562A105H131_F1	N/A	Single Solenoid, Palm Button With Latching/Spring Return	90 Degree Solenoid	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	5.04	30
Detent/Externally Piloted												
1/4"	8562A106H171_F1	N/A	Dual Solenoid	Straight	2.0 (1.7)	0	150 (10.3)	15 (1.0)	150 (10.3)	200 (93)	6.08	31
1/4"	8562A103H171_F1	N/A	Single Solenoid, Palm Button/Manual Return	Straight	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	4.10	32
1/4"	8562A106H171_F1	N/A	Dual Solenoid	90 Degree Solenoid	2.0 (1.7)	0	150 (10.3)	15 (1.0)	150 (10.3)	200 (93)	6.08	33
1/4"	8562A103H171_F1	N/A	Single Solenoid, Palm Button/Manual Return	90 Degree Solenoid	2.0 (1.7)	0	150 (10.3)	25 (1.8)	150 (10.3)	200 (93)	6.08	34
Internally Piloted												
1/4"	8562A101H1C1_F1	N/A	Single Solenoid/Spring Return	Straight	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	3.61	23
1/4"	8562A102H1C1_F1	N/A	Single Solenoid,Palm Button /Spring Return	Straight	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	3.92	24
1/4"	8562A104H1C1_F1	N/A	Single Solenoid With Latching/Spring Return	Straight	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	3.96	25
1/4"	8562A105H1C1_F1	N/A	Single Solenoid, Palm Button With Latching/Spring Return	Straight	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	3.99	26
1/4"	8562A101H1C1_F1	N/A	Single Solenoid/Spring Return	90 Degree Solenoid	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	4.43	27
3/4"	8562A401H1C1_F1	-	Single Solenoid/Spring Return	90 Degree Solenoid	13.0 (11.2)	50 (3.4)	150 (10.3)	N/A	N/A	200 (93)	6.20	36
3/4"	-	8562AE01H1C1_F1	Single Solenoid/Spring Return	90 Degree Solenoid	13.0 (11.2)	50 (3.4)	150 (10.3)	N/A	N/A	200 (93)	7.00	36
1"	8562A501H1C1_F1	-	Single Solenoid/Spring Return	90 Degree Solenoid	15.5 (13.4)	50 (3.4)	150 (10.3)	N/A	N/A	200 (93)	5.97	36
1"	-	8562AF01H1C1_F1	Single Solenoid/Spring Return	90 Degree Solenoid	15.5 (13.4)	50 (3.4)	150 (10.3)	N/A	N/A	200 (93)	6.69	36
3/4"	8362A406H1C1_F1	-	Dual Solenoid	90 Degree Solenoid	13.0 (11.2)	20 (1.4)	150 (10.3)	N/A	N/A	200 (93)	5.43	37
3/4"	-	8362AE06H1C1_F1	Dual Solenoid	90 Degree Solenoid	13.0 (11.2)	20 (1.4)	150 (10.3)	N/A	N/A	200 (93)	5.95	37
1"	8362A506H1C1_F1	-	Dual Solenoid	90 Degree Solenoid	15.5 (13.4)	20 (1.4)	150 (10.3)	N/A	N/A	200 (93)	5.29	37
1"	-	8362AF06H1C1_F1	Dual Solenoid	90 Degree Solenoid	15.5 (13.4)	20 (1.4)	150 (10.3)	N/A	N/A	200 (93)	5.76	37
3/4"	8562A406H1C1_F1	-	Dual Solenoid	90 Degree Solenoid	13.0 (11.2)	20 (1.4)	150 (10.3)	N/A	N/A	200 (93)	6.79	38
3/4"	-	8562AE06H1C1_F1	Dual Solenoid	90 Degree Solenoid	13.0 (11.2)	20 (1.4)	150 (10.3)	N/A	N/A	200 (93)	7.59	38
1"	8562A506H1C1_F1	-	Dual Solenoid	90 Degree Solenoid	15.5 (13.4)	20 (1.4)	150 (10.3)	N/A	N/A	200 (93)	6.56	38
1"	-	8562AF06H1C1_F1	Dual Solenoid	90 Degree Solenoid	15.5 (13.4)	20 (1.4)	150 (10.3)	N/A	N/A	200 (93)	7.28	38
1/4"	8562A102H1C1_F1	N/A	Single Solenoid,Palm Button /Spring Return	90 Degree Solenoid	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	4.38	28
1/4"	8562A104H1C1_F1	N/A	Single Solenoid With Latching/Spring Return	90 Degree Solenoid	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	5.11	29
1/4"	8562A105H1C1_F1	N/A	Single Solenoid, Palm Button With Latching/Spring Return	90 Degree Solenoid	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	5.04	30
Detent/Internally Piloted												
1/4"	8562A106H1G1_F1	N/A	Dual Solenoid	Straight	2.0 (1.7)	15 (1.0)	150 (10.3)	N/A	N/A	200 (93)	6.08	31
1/4"	8562A103H1G1_F1	N/A	Single Solenoid, Palm Button/Manual Return	Straight	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	4.10	32
1/4"	8562A106H1G1_F1	N/A	Dual Solenoid	90 Degree Solenoid	2.0 (1.7)	15 (1.0)	150 (10.3)	N/A	N/A	200 (93)	6.08	33
1/4"	8562A103H1G1_F1	N/A	Single Solenoid, Palm Button/Manual Return	90 Degree Solenoid	2.0 (1.7)	25 (1.8)	150 (10.3)	N/A	N/A	200 (93)	4.10	34

① Please refer to How to Order section to complete base catalog number selection.

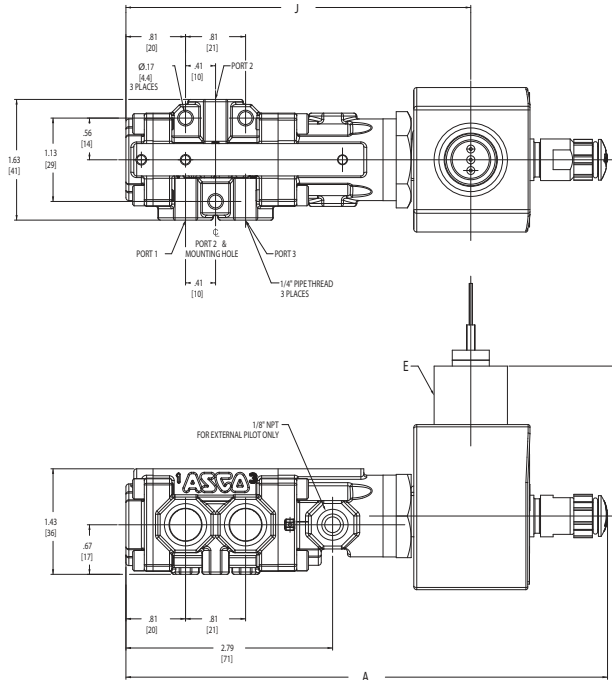
② Maximum pressure is 130 psi (9 bar) internally piloted for Intrinsically Safe and Ultra Low Power versions.



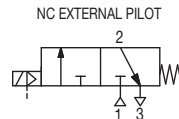
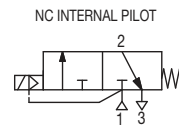
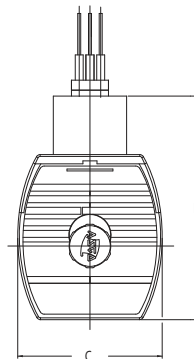
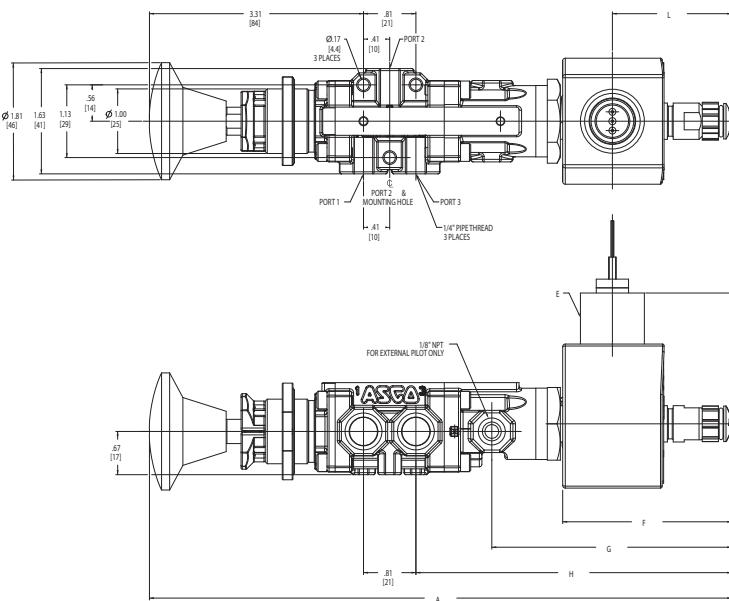
Thorne & Derrick
+44 (0) 191 490 1547
www.heatingandprocess.com

Dimensions: inches (mm)

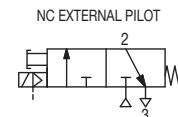
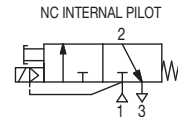
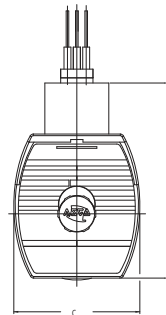
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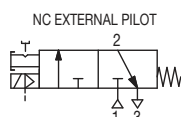


Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	6.50	165	5.34	136	6.3	160
B	3.02	77	2.81	71	3.03	77
C	1.95	49.53	1.25	32	1.66	42
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
J	4.66	118	4.15	105	4.39	111

**Const. Ref. 2**

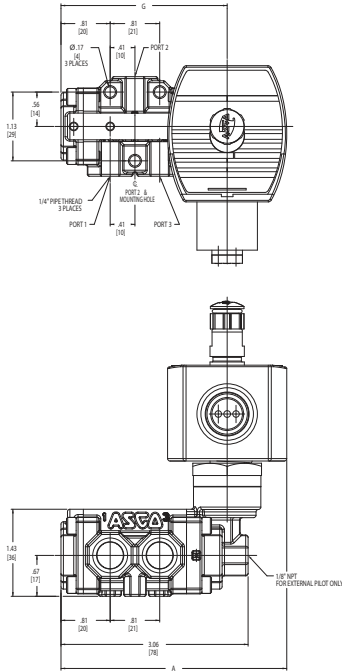
Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	9.01	229	7.85	199	8.8	224
B	3.02	77	2.81	71	3.03	77
C	1.95	50	1.25	32	1.66	42
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.62	67	1.79	45	2.63	67
G	3.71	94	2.55	65	3.5	89
H	4.89	124	3.73	95	4.68	119
L	1.85	47	1.19	30	1.91	49



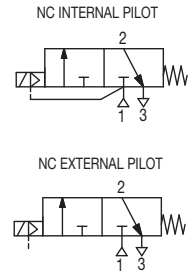
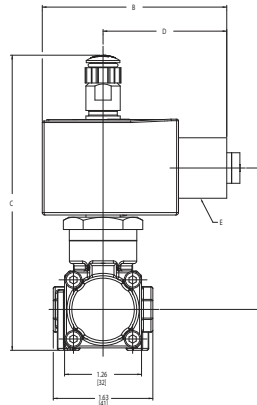


Dimensions: inches (mm)

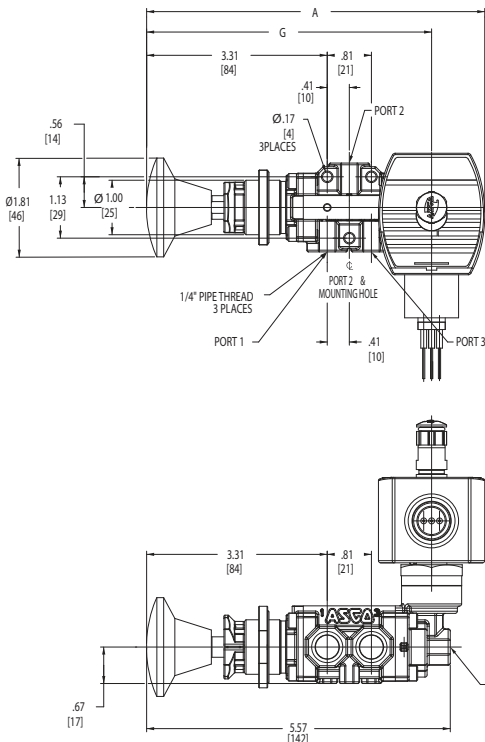
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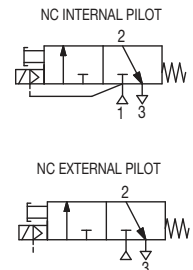
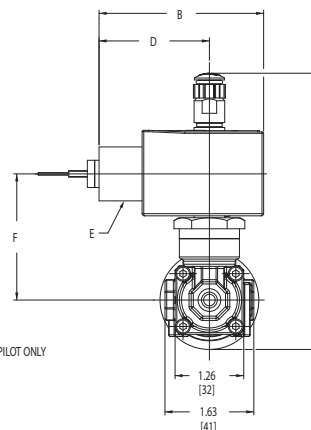
Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	3.70	94	3.35	85	3.55	90
B	3.02	77	2.81	71	3.03	77
C	4.83	123	3.67	93	4.62	117
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.31	59	1.81	46	2.04	52
G	2.72	69	2.72	69	2.72	69



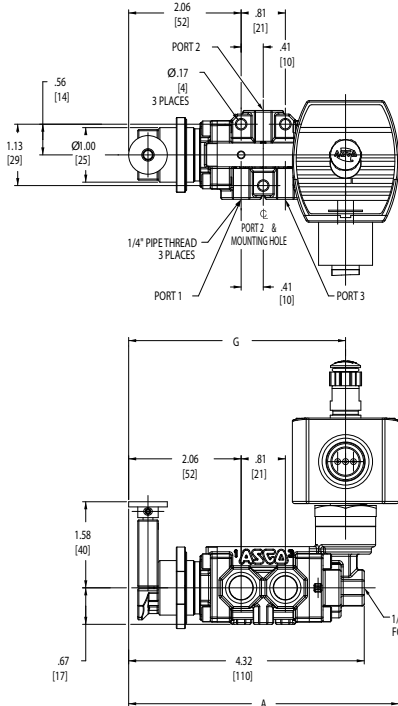
Const. Ref. 6



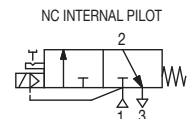
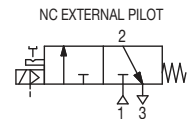
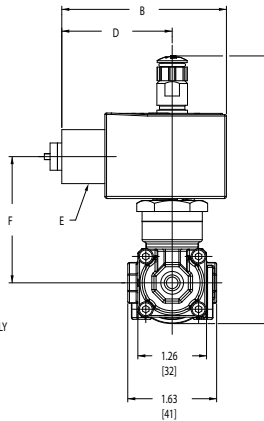
Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	6.20	157	5.85	149	6.06	154
B	3.02	77	2.81	71	3.03	77
C	5.07	129	3.91	99	4.86	123
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.31	59	1.81	46	2.04	52
G	5.23	133	5.23	133	5.23	133



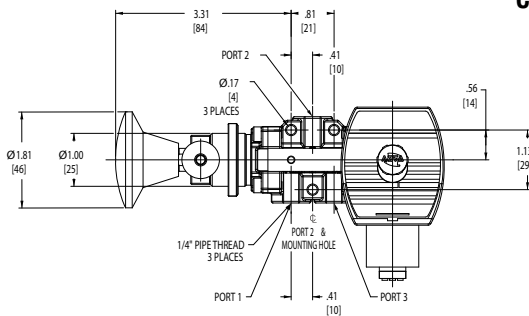
Dimensions: inches (mm)

Const. Ref. 7

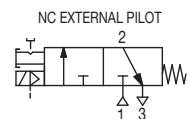
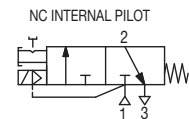
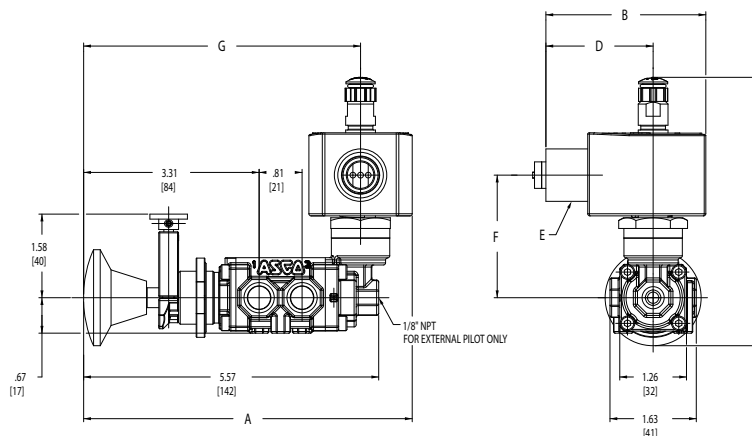
Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	4.95	126	4.60	117	4.81	122
B	3.02	77	2.81	71	3.03	77
C	4.91	125	3.75	95	4.65	118
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.31	59	1.81	46	2.04	52
G	3.98	101	3.98	101	3.98	101



Const. Ref. 8

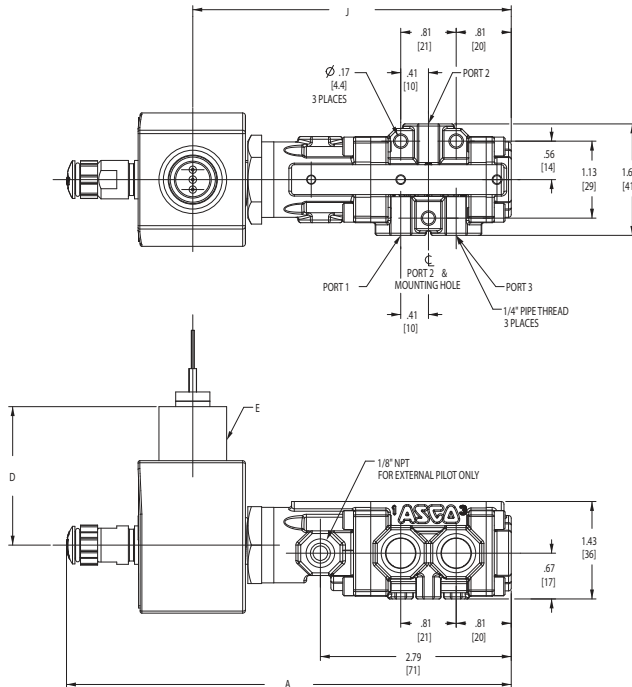


Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	6.2	157	5.85	149	6.06	154
B	3.02	77	2.81	71	3.03	77
C	5.07	129	3.91	99	4.86	123
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.31	59	1.81	46	2.04	52
G	5.23	133	5.23	133	5.23	133

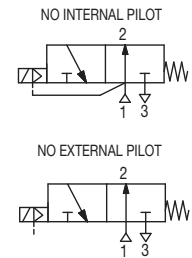
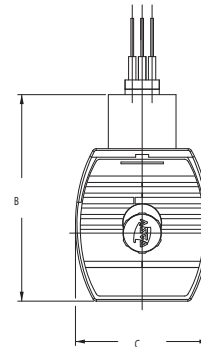


Dimensions: inches (mm)

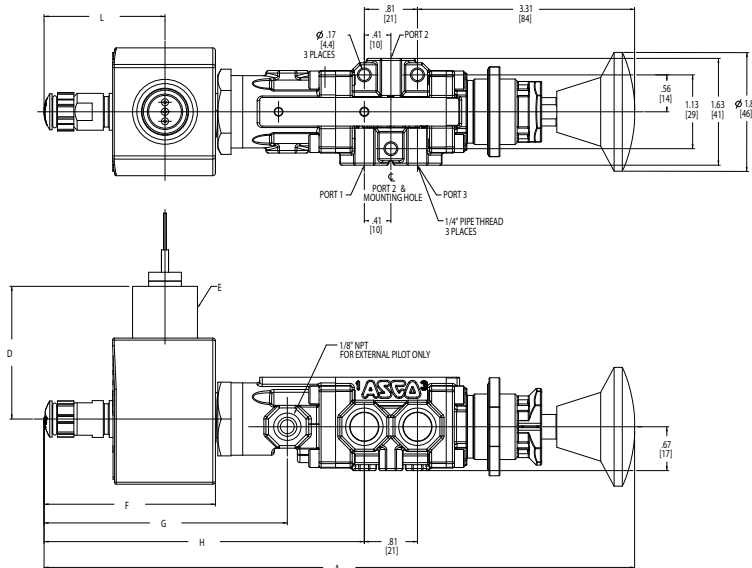
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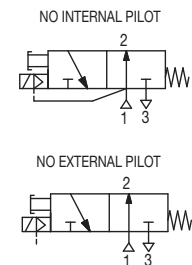
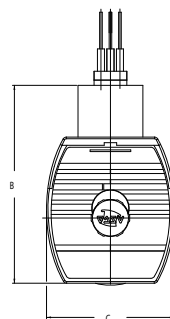
Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	6.50	165	5.34	136	6.3	160
B	3.02	77	2.81	71	3.03	77
C	1.95	50	1.25	32	1.66	42
D	2.03	51	2.20	56	2.12	54
E	1/2 NPT		1/2 NPT		1/2" NPT	
F	2.62	67	1.95	45	2.63	67
G	3.71	94	2.55	65	3.5	89
H	4.89	124	4.54	95	4.68	119
J	2.22	118	4.15	105	4.39	111



Const. Ref. 10

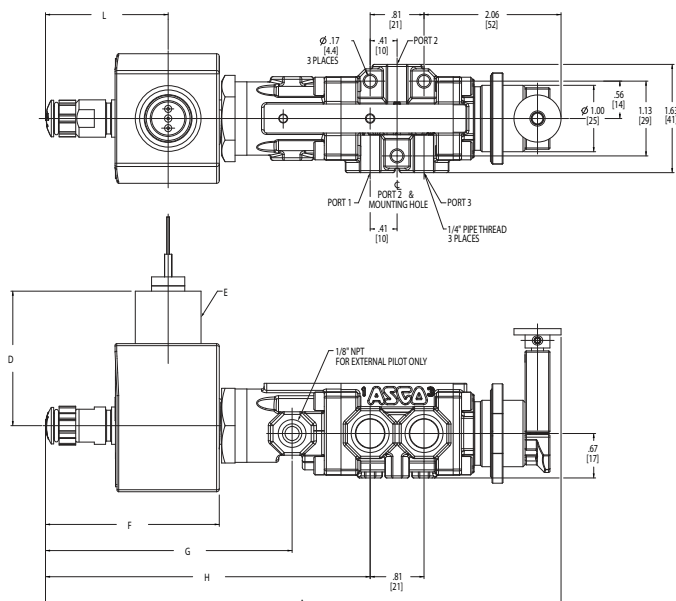


Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	9.01	229	7.85	199	8.8	224
B	3.02	77	2.81	71	3.03	77
C	1.95	50	1.25	32	1.66	42
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.62	67	1.79	45	2.63	67
G	3.71	94	2.55	65	3.5	89
H	4.89	124	3.73	95	4.68	119
L	1.85	47	1.19	30	1.91	49

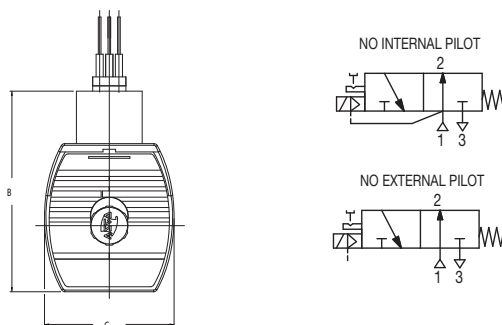


Dimensions: inches (mm)

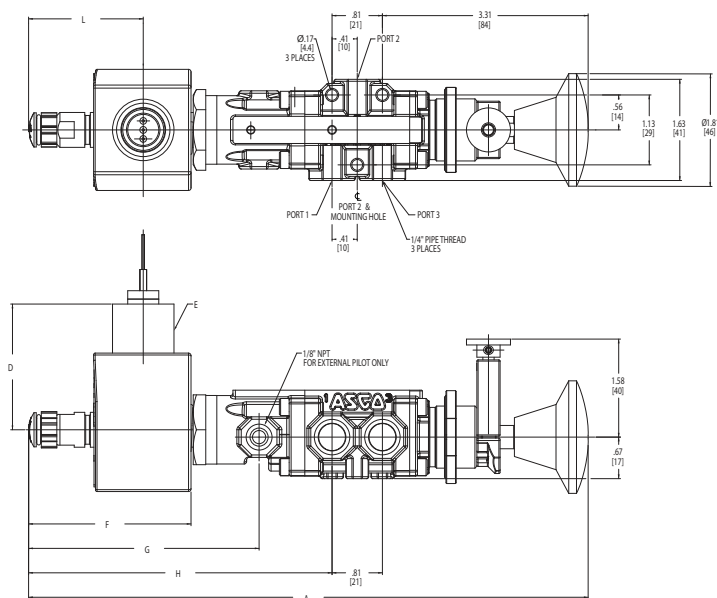
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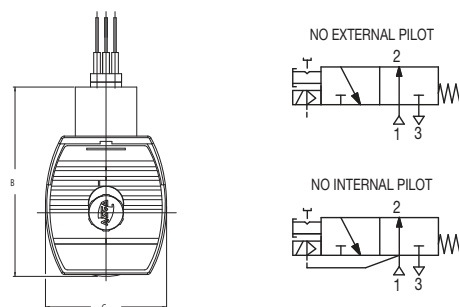
Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	7.76	197	6.60	168	7.55	192
B	3.02	77	2.81	71	3.03	77
C	1.95	50	1.25	42	1.66	42
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.62	67	1.79	45	2.63	67
G	3.71	94	2.55	65	3.5	89
H	4.89	124	3.73	95	4.68	119
L	1.85	47	1.19	30	1.91	49



Const. Ref. 12

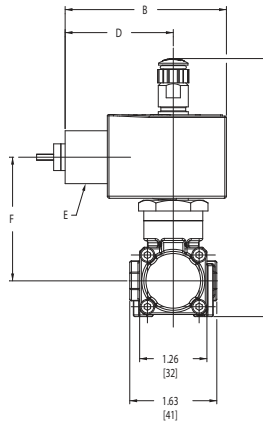
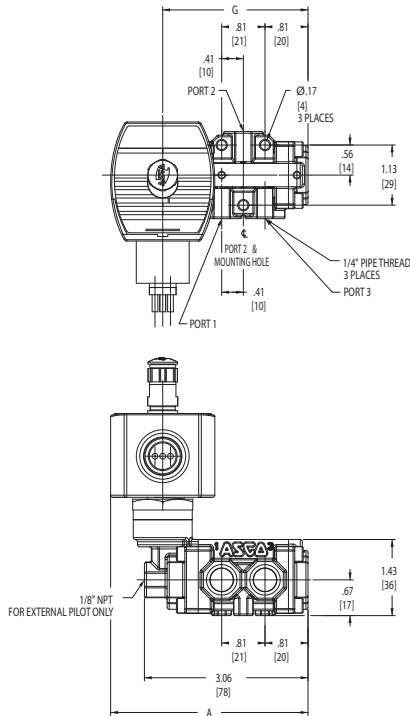


Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	9.01	229	7.85	199	8.8	224
B	3.05	77	2.81	71	3.03	77
C	1.95	50	1.25	32	1.66	42
D	2.03	51	2.20	56	2.12	54
E	1/2 NPT		1/2 NPT		1/2" NPT	
F	2.62	67	1.79	45	2.63	67
G	3.71	94	2.55	65	3.5	89
H	4.89	124	3.73	95	4.68	119
J	7.17	182	6.66	169	6.89	175

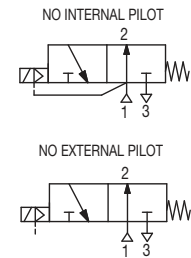


Dimensions: inches (mm)

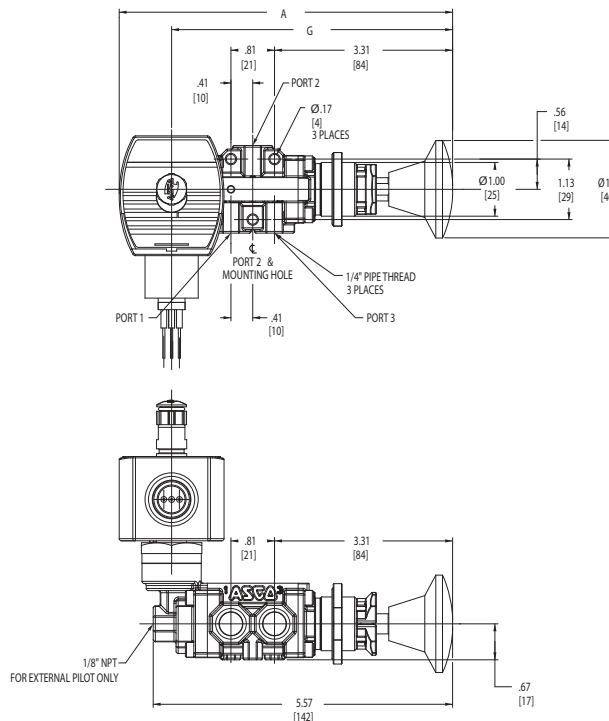
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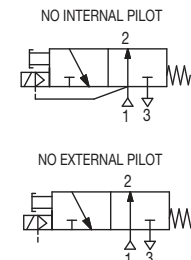
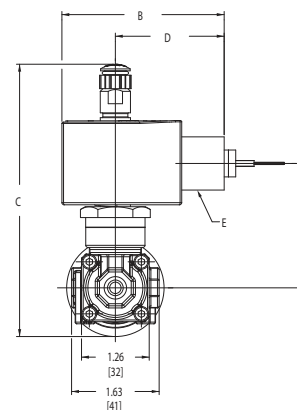
Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	3.70	94	3.34	85	3.55	90
B	3.02	77	2.81	71	3.03	77
C	4.83	123	3.67	93	4.62	117
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.31	59	1.81	46	2.04	52
G	2.72	69	2.72	69	2.72	69



Const. Ref. 14

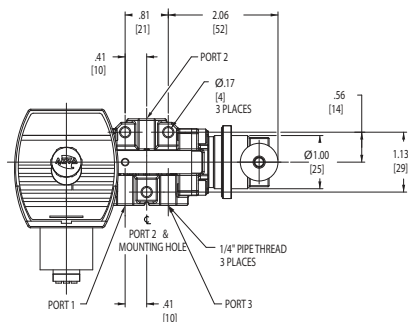


Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	6.20	157	5.85	149	6.06	154
B	3.02	77	2.81	71	3.03	77
C	5.07	129	3.91	99	4.86	123
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.31	59	1.81	46	2.04	52
G	5.23	133	5.23	133	5.23	133

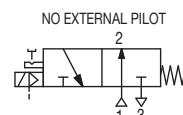
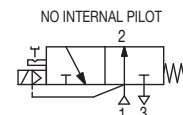
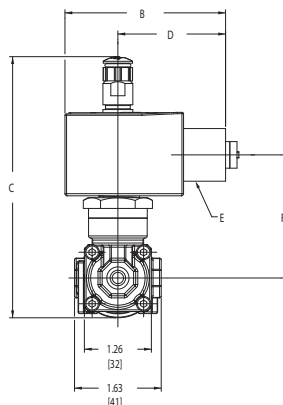
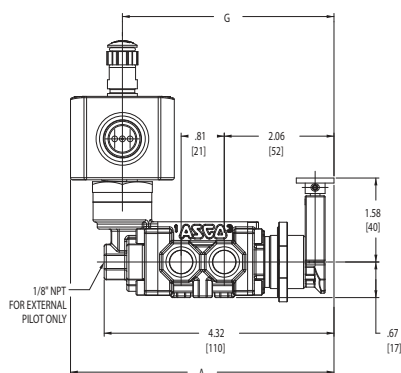


Dimensions: inches (mm)

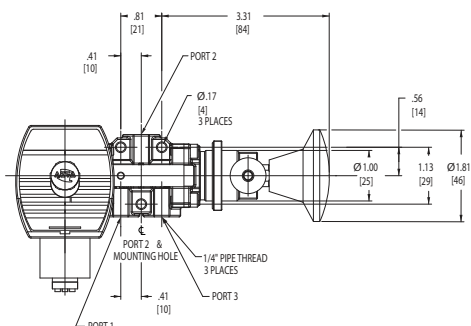
Const. Ref. 15



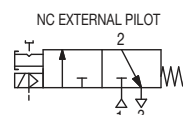
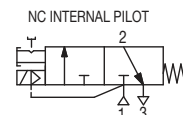
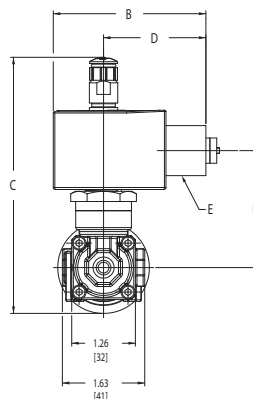
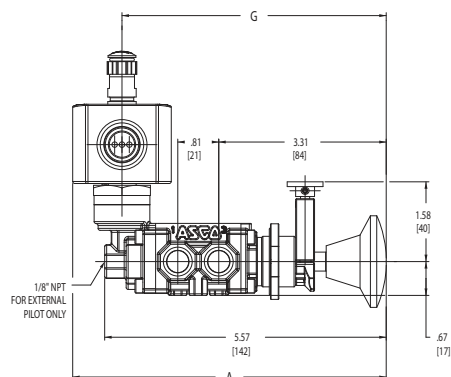
Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	4.95	126	4.60	117	4.81	122
B	3.02	77	2.81	71	3.03	77
C	4.91	125	3.75	95	4.7	119
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.31	59	1.81	46	2.04	52
G	3.98	101	3.98	101	3.98	101



Const. Ref. 16

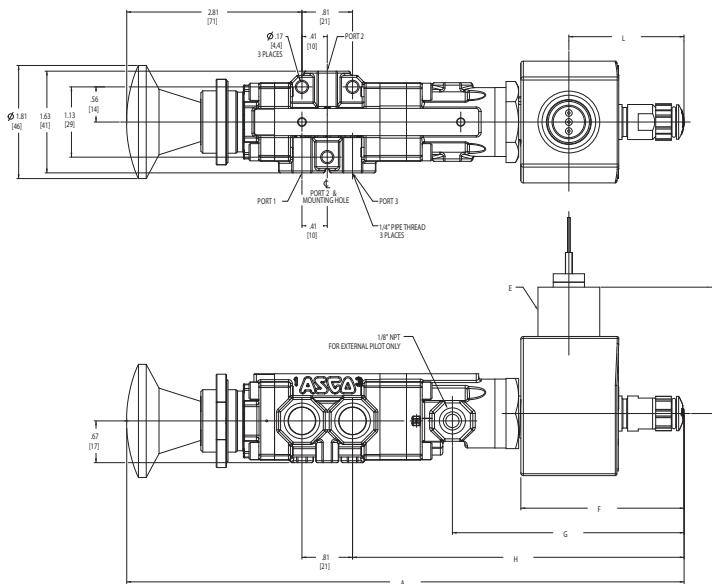


Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	6.2	157	5.85	149	6.06	154
B	3.02	77	2.81	71	3.03	77
C	5.07	129	3.91	99	4.86	123
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.32	59	1.81	46	2.04	52
G	5.23	133	5.23	133	5.23	133

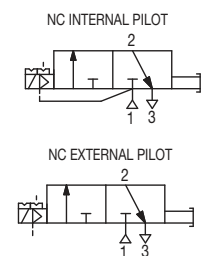


Dimensions: inches (mm)

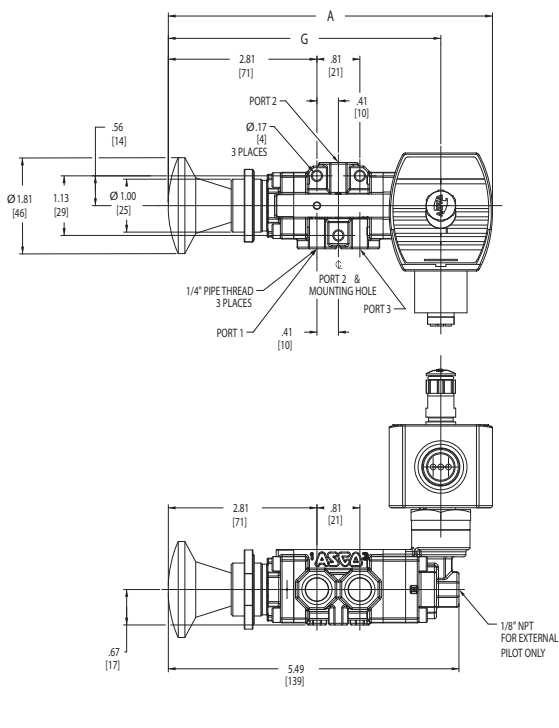
Const. Ref. 17



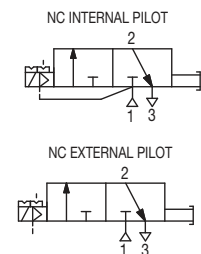
Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	8.93	227	7.77	197	8.72	222
B	3.02	77	2.81	71	3.03	77
C	1.95	50	1.25	32	1.66	42
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.62	67	1.79	45.4457	2.63	67
G	3.71	94	2.55	65	3.5	89
H	5.31	135	4.15	106	5.1	130
L	1.85	47	1.19	30	1.91	49



Const. Ref. 18

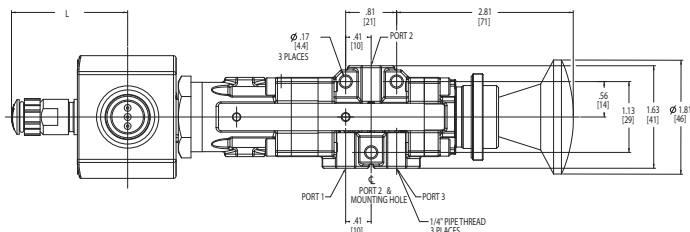


Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	6.12	156	5.77	147	5.98	152
B	3.02	77	2.81	71	3.03	77
C	5.07	129	3.91	99	4.86	123
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.31	59	1.81	46	2.04	52
G	5.15	131	5.15	131		

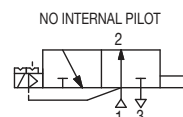
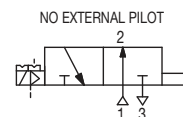
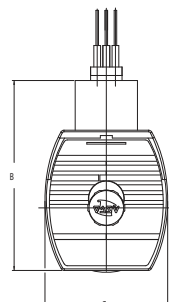
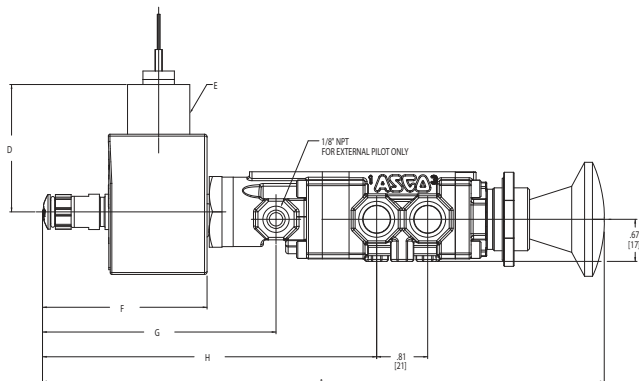


Dimensions: inches (mm)

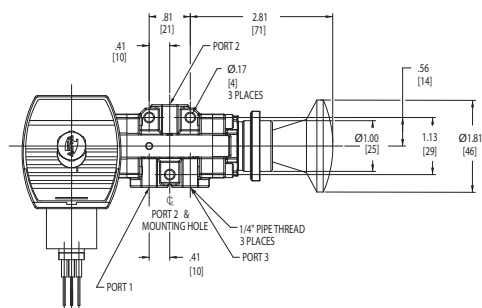
Const. Ref. 19



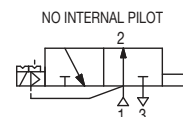
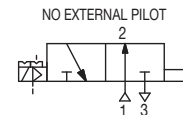
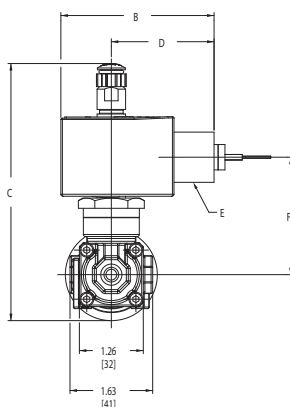
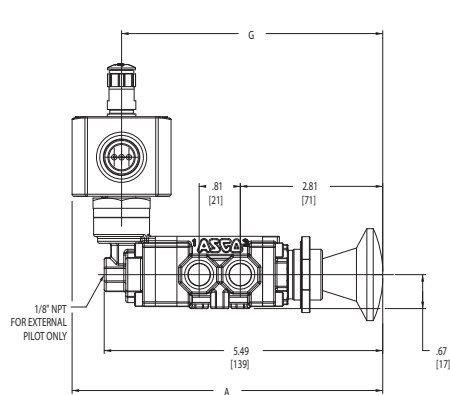
Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	8.93	227	7.76	197	8.72	222
B	3.02	77	2.81	71	3.03	77
C	1.95	50	1.25	32	1.66	42
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.62	67	1.79	45	2.63	67
G	3.71	94	2.55	65	3.5	89
H	5.31	135	4.15	105	5.1	130
L	1.85	47	1.19	30	1.91	49



Const. Ref. 20

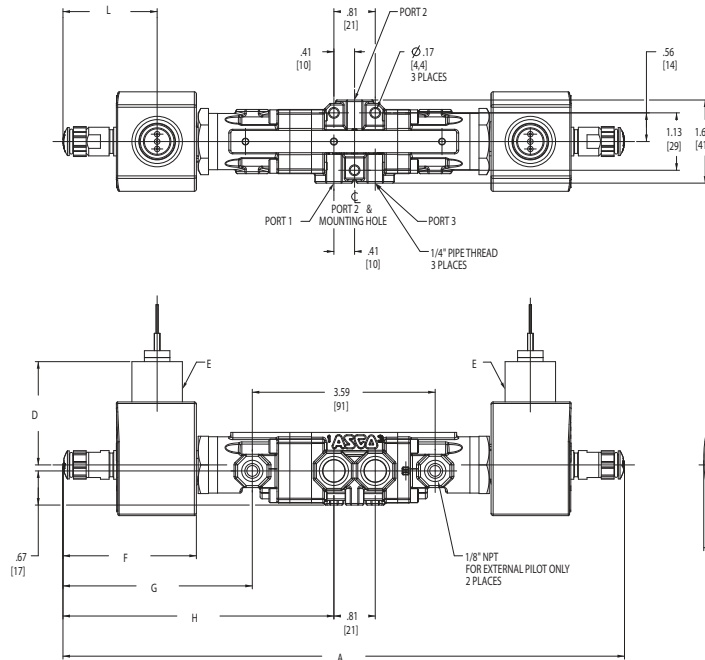


Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	6.12	156	5.77	147	5.98	152
B	3.02	77	2.81	71	3.03	77
C	5.07	129	3.91	99	4.86	123
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.32	59	1.81	46	2.04	52
G	5.15	131	5.15	131	5.15	131



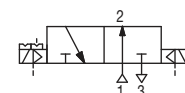
Dimensions: inches (mm)

Const. Ref. 21

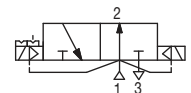


Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	11.01	280	8.70	221	10.6	269
B	3.02	77	2.81	71	3.03	77
C	1.95	50	1.25	32	1.66	42
D	2.03	51	2.20	56	2.12	54
E	1/2 NPT		1/2 NPT		1/2" NPT	
F	2.62	67	1.79	45	2.63	67
G	3.71	94	2.55	65	3.5	89
H	5.31	135	4.15	105	5.1	130

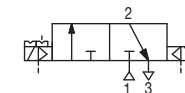
NO EXTERNAL PILOT



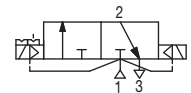
NO INTERNAL PILOT



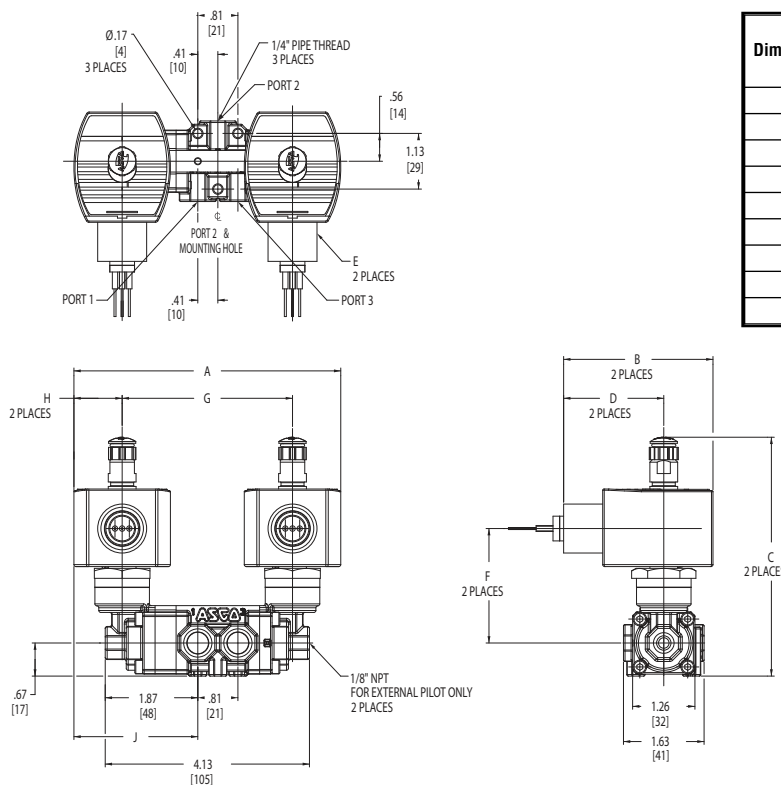
NC EXTERNAL PILOT



NC INTERNAL PILOT

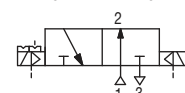


Const. Ref. 22

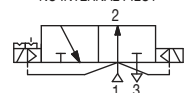


Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	5.4	137	4.69	119	5.1	129
B	3.02	77	2.81	71	3.03	77
C	4.83	123	3.67	93	4.62	117
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.31	59	1.81	46	2.04	52
G	3.45	88	3.45	88	3.44	87
H	0.98	25	0.62	16	0.83	21
J	2.5	64	2.15	55	2.36	60

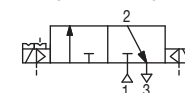
NO EXTERNAL PILOT



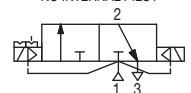
NO INTERNAL PILOT



NC EXTERNAL PILOT

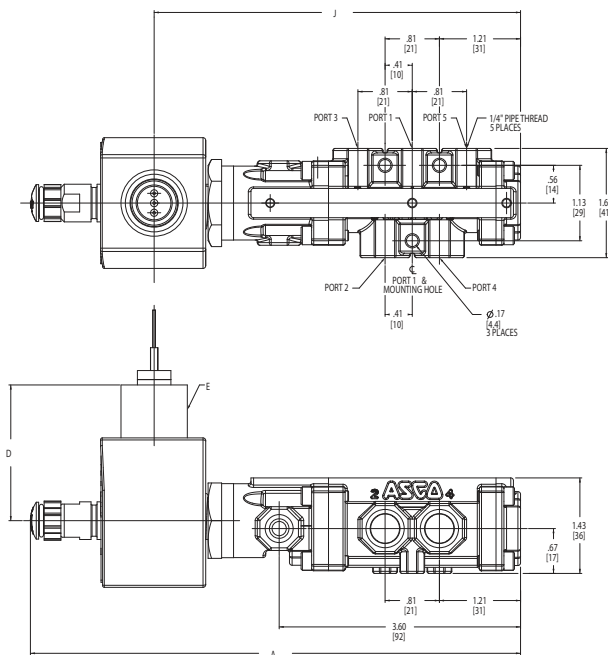


NC INTERNAL PILOT

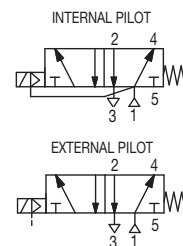


Dimensions: inches (mm)

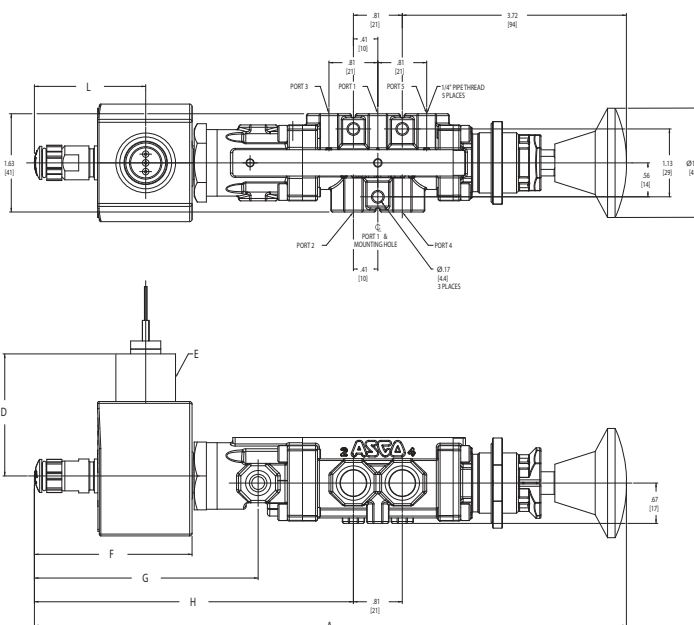
Const. Ref. 23



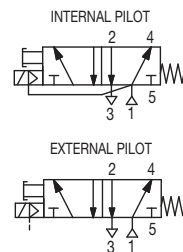
Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	6.50	165	5.34	136	7.11	181
B	3.02	77	2.81	71	3.03	77
C	1.95	50	1.25	32	1.66	42
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
J	4.66	118	4.15	105	5.2	132



Const. Ref. 24

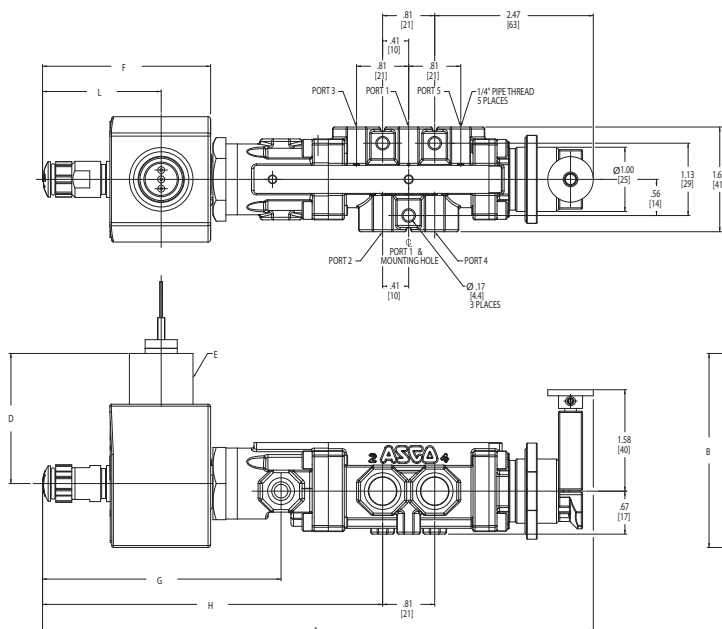


Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	9.01	229	7.85	199	9.62	244
B	3.02	77	2.81	71	3.03	77
C	1.95	50	1.25	32	1.66	42
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.62	67	1.79	45	2.63	67
G	3.71	94	2.55	65	3.5	89
H	4.89	124	3.73	95	5.09	129
L	1.85	47	1.19	30	-	-

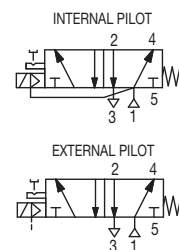


Dimensions: inches (mm)

Const. Ref. 25

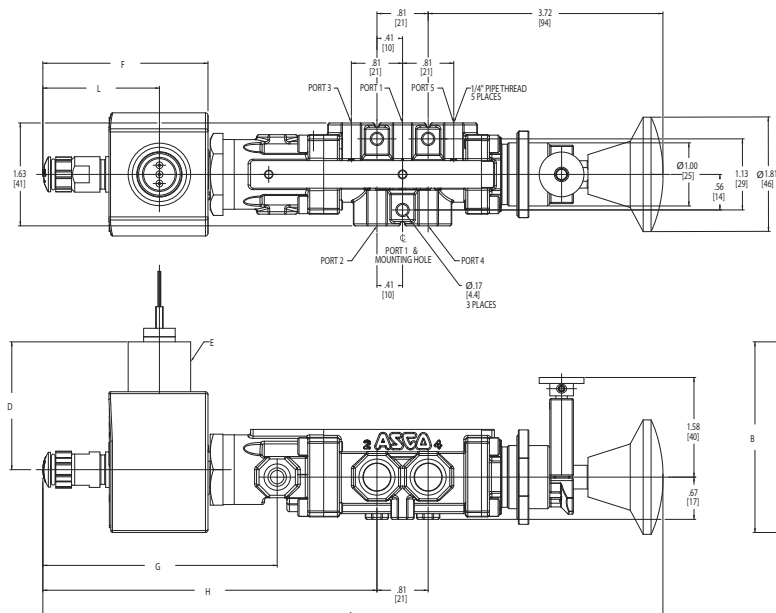


Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	9.01	229	6.60	168	8.36	212
B	3.02	77	2.81	71	3.03	77
C	1.95	50	1.25	32	1.66	42
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.62	67	1.79	45	2.63	67
G	3.71	94	2.55	65	3.5	89
H	4.89	124	3.73	95	5.09	129
L	1.85	47	1.19	30	-	-

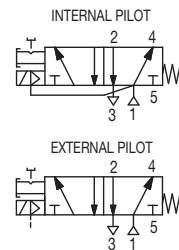


SPECIAL SERVICE
PILOT

Const. Ref. 26

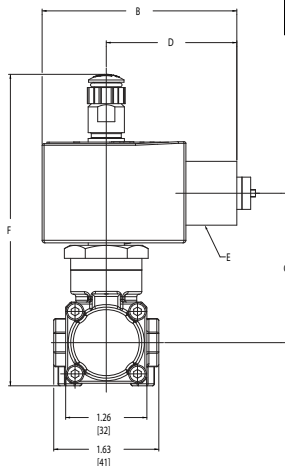
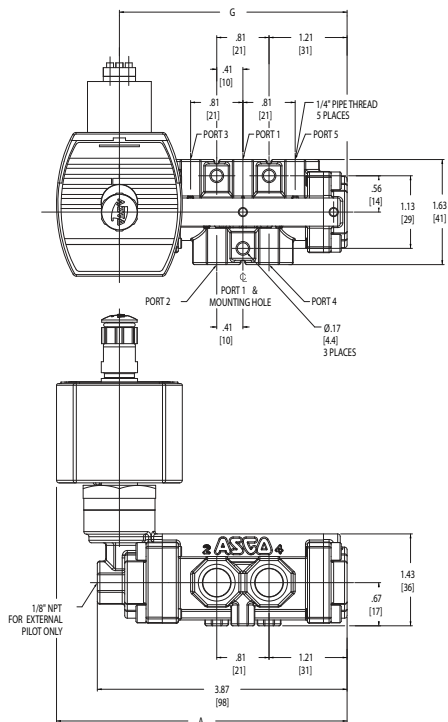


Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	9.01	229	7.85	199	9.62	244
B	3.02	77	2.81	71	3.03	77
C	1.95	50	1.25	32	1.66	42
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.62	67	1.79	45	2.63	67
G	3.71	94	2.55	65	3.5	89
H	4.89	124	3.73	95	5.09	129
L	1.85	47	1.19	30	-	-

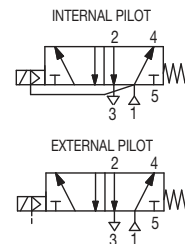


Dimensions: inches (mm)

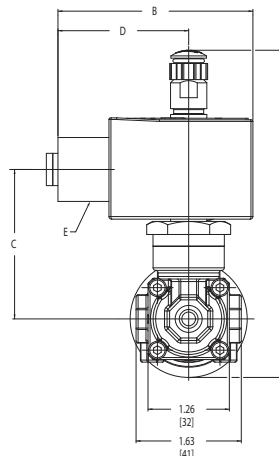
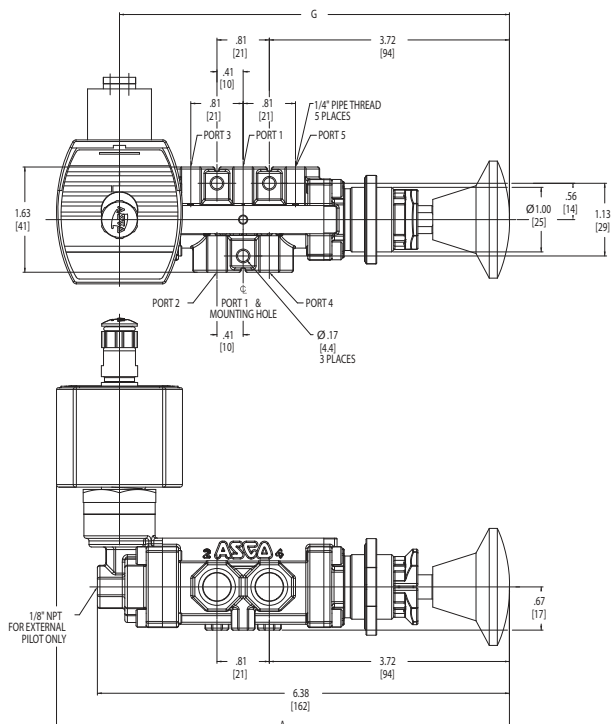
Const. Ref. 27



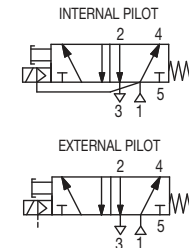
Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	4.51	115	3.34	85	4.36	111
B	3.02	77	2.81	71	3.03	77
C	2.32	59	1.81	46	2.04	52
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	4.83	123	3.67	93	4.62	117
G	3.53	90	2.72	69	3.53	90



Const. Ref. 28

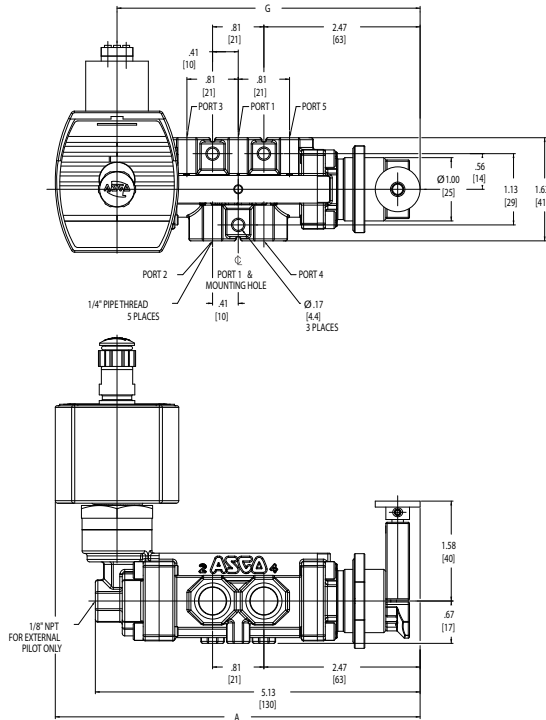


Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	7.01	178	5.85	149	6.87	174
B	3.02	77	2.81	71	3.03	77
C	2.32	59	1.81	46	2.04	52
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	5.07	129	3.91	99	4.86	123
G	6.04	153	5.23	133	6.04	153

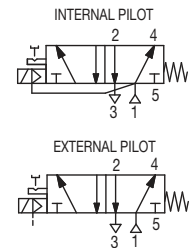
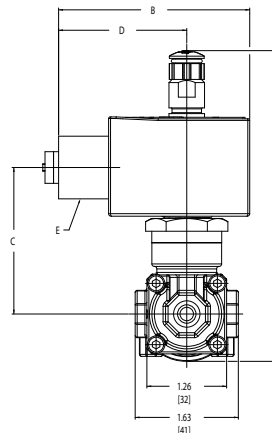


Dimensions: inches (mm)

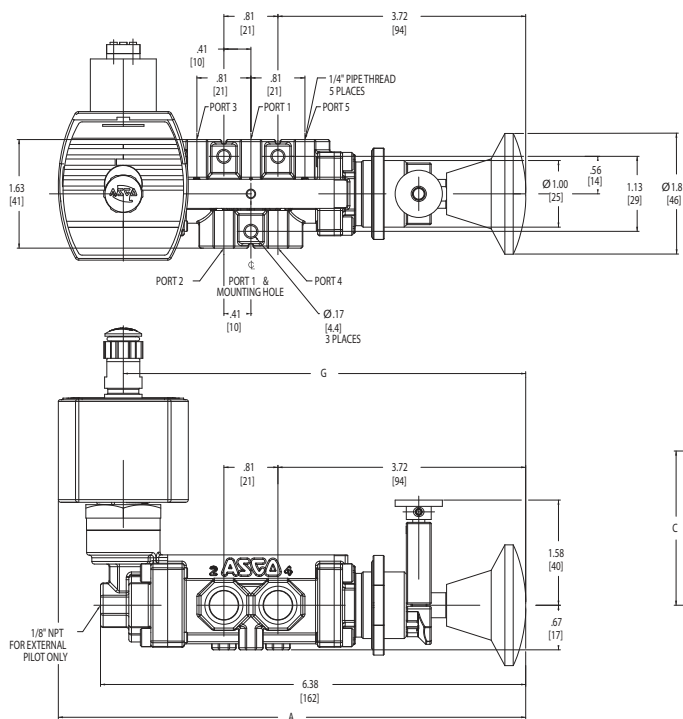
Const. Ref. 29



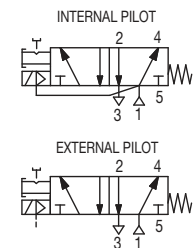
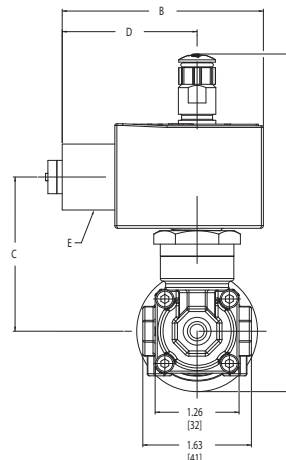
Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	5.76	146	4.60	117	5.62	143
B	3.02	77	2.81	71	3.03	77
C	2.32	59	1.81	46	2.04	52
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	4.91	125	3.75	95	4.7	119
G	4.79	122	3.98	101	-	-



Const. Ref. 30

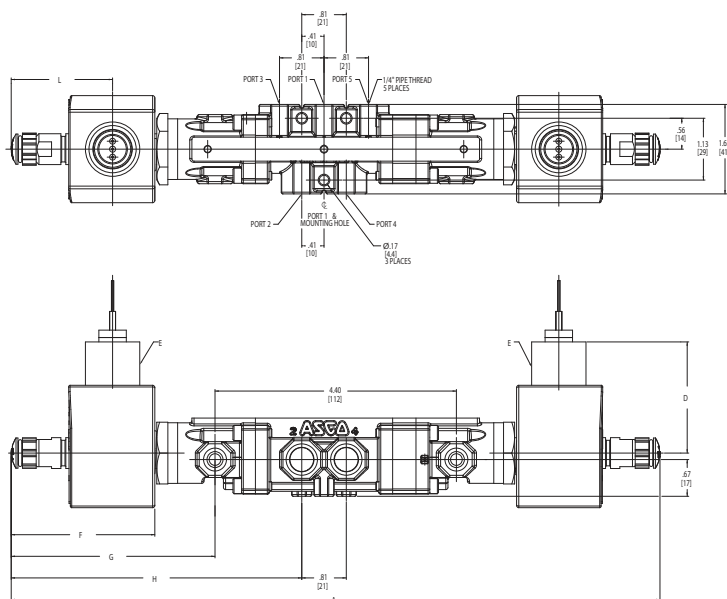


Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	7.02	178	5.85	149	6.87	174
B	3.02	77	2.81	71	3.03	77
C	2.32	59	1.81	46	2.04	52
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	5.07	129	3.91	99	4.86	123
G	6.04	153	5.23	133	-	-

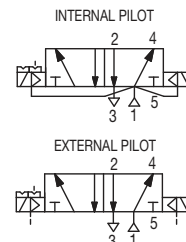


Dimensions: inches (mm)

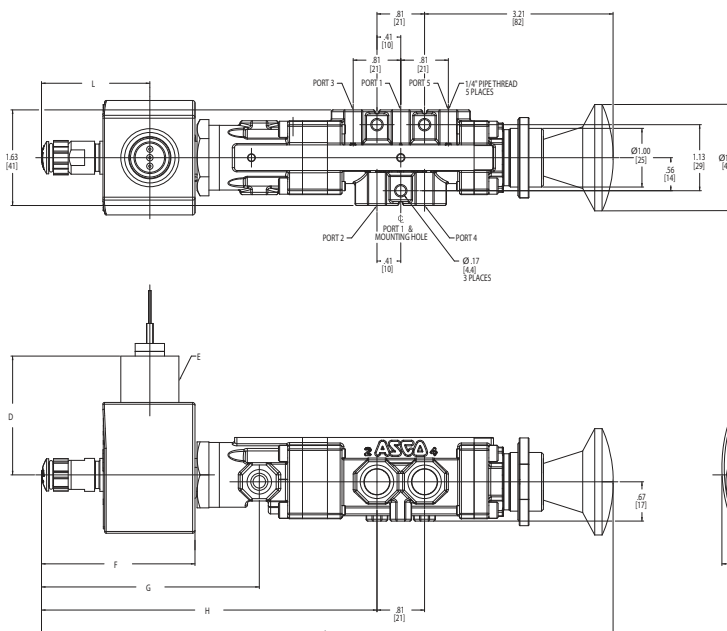
Const. Ref. 31



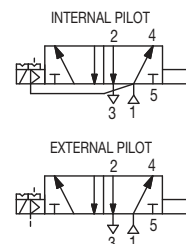
Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	8.93	227	8.70	221	11.41	290
B	3.02	77	2.81	71	3.03	77
C	1.95	50	1.25	32	1.66	42
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.62	67	1.79	45	2.63	67
G	3.71	94	2.55	65	3.5	89
H	5.31	135	4.15	105	5.09	129
L	1.85	47	1.19	30	-	-



Const. Ref. 32

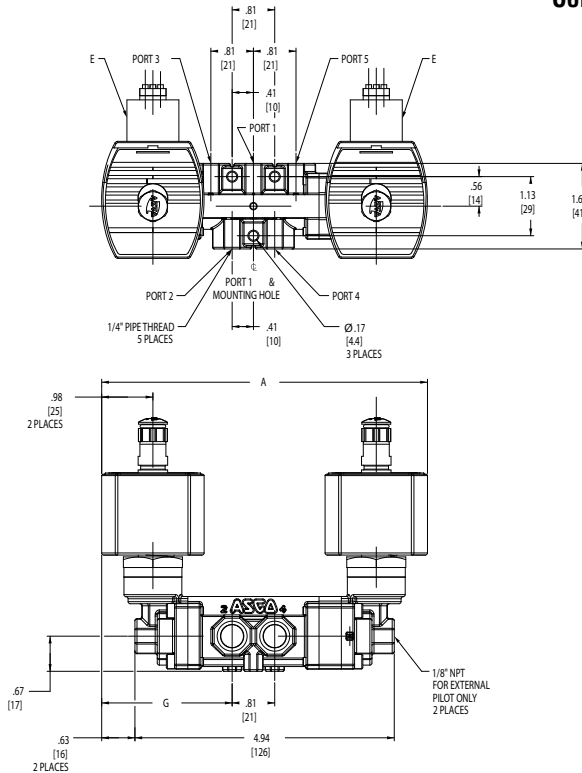


Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	7.76	197	7.77	197	9.54	242
B	3.02	77	2.81	71	3.03	77
C	1.95	50	1.25	32	1.66	42
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	2.62	67	1.79	45	2.63	67
G	3.71	94	3.71	94	3.5	89
H	4.89	124	4.15	105	5.09	129
L	1.85	47	1.19	30	-	-

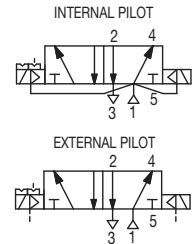
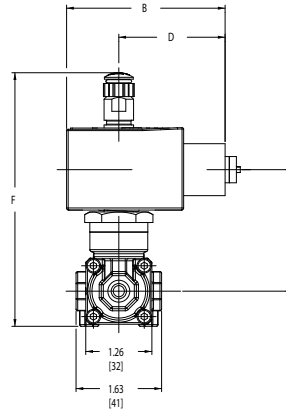


Dimensions: inches (mm)

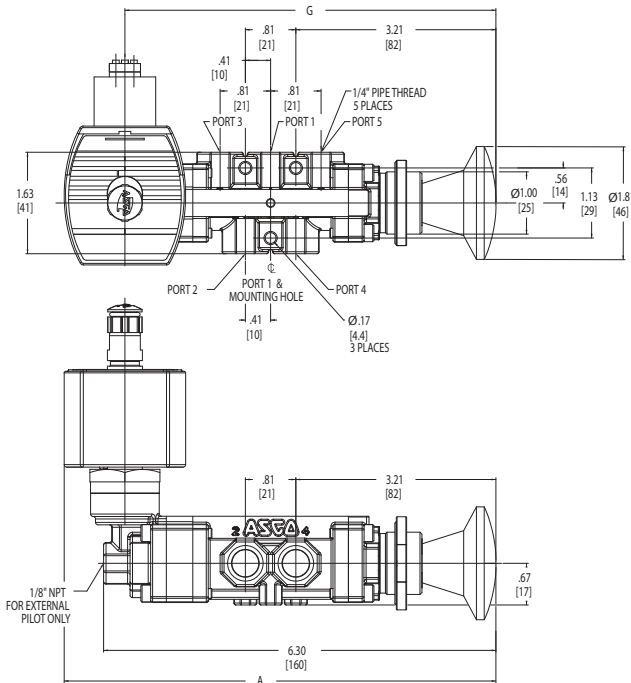
Const. Ref. 33



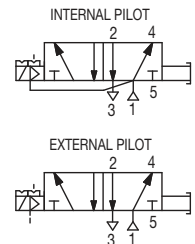
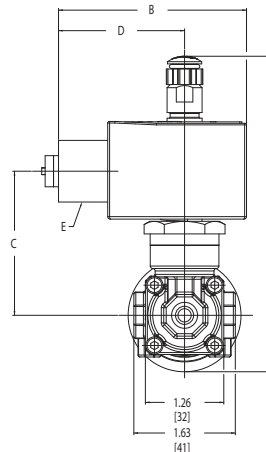
Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	6.21	158	4.69	119	5.91	150
B	3.02	77	2.81	71	3.03	77
C	2.32	59	1.81	46	2.04	52
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	4.83	123	3.67	93	4.62	117
G	2.49	63	2.15	55	2.34	59



Const. Ref. 34

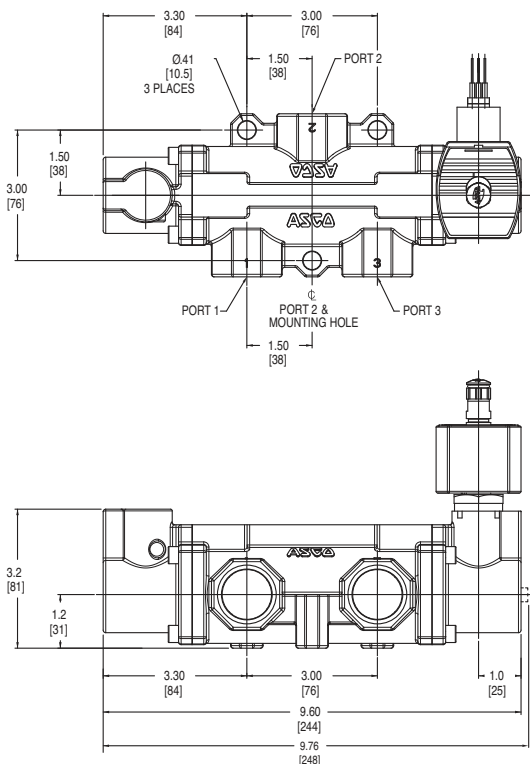


Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	6.94	176	5.77	147	6.79	172
B	3.02	77	2.81	71	3.03	77
C	2.32	59	1.81	46	2.04	52
D	2.03	51	2.20	56	2.12	54
E	1/2" NPT		1/2" NPT		1/2" NPT	
F	5.07	129	3.91	99	4.86	123
G	5.96	151	5.15	131	5.96	151

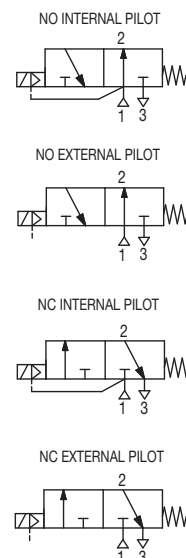
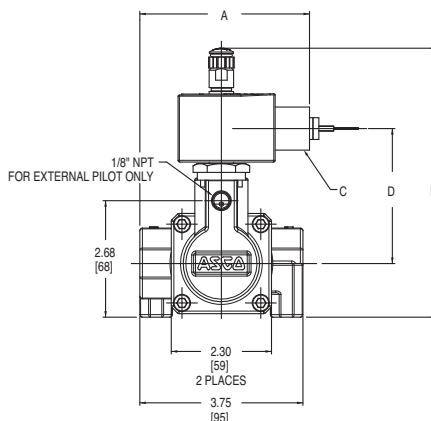


Dimensions: inches (mm)

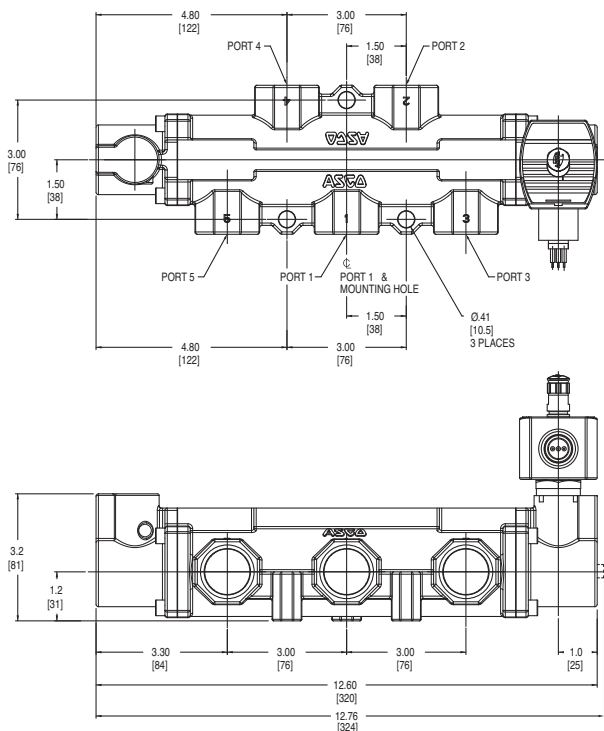
Const. Ref. 35



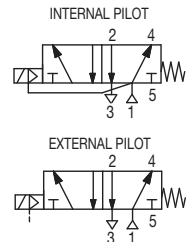
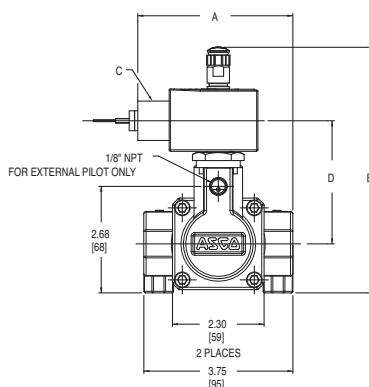
Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	3.9	99	4.1	103	4.0	102
B	6.2	157	5.0	127	6.0	152
C	1/2" NPT		1/2" NPT		1/2" NPT	
D	3.1	79	2.6	66	2.8	72



Const. Ref. 36

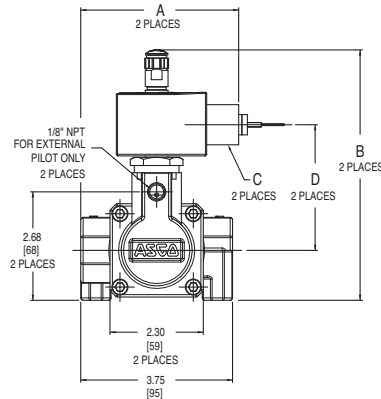
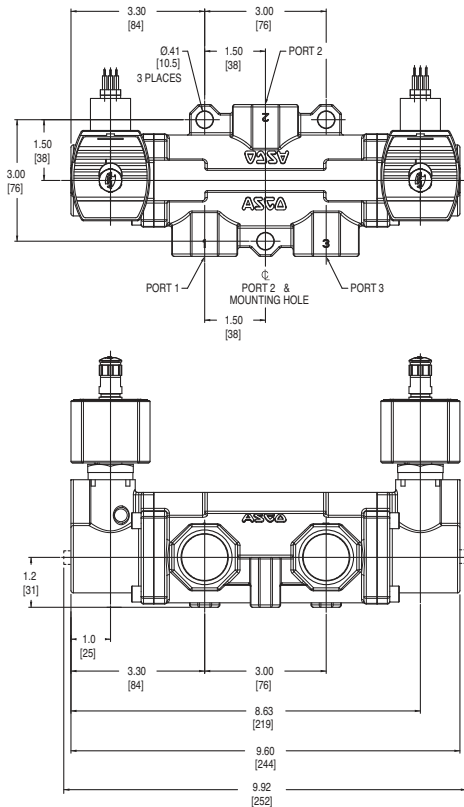


Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	3.9	99	4.1	103	4.0	102
B	6.2	157	5.0	127	6.0	152
C	1/2" NPT		1/2" NPT		1/2" NPT	
D	3.1	79	2.6	66	2.8	72

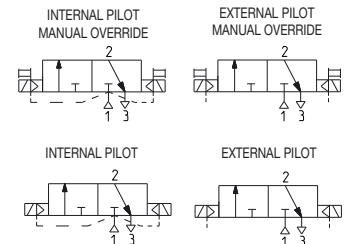


Dimensions: inches (mm)

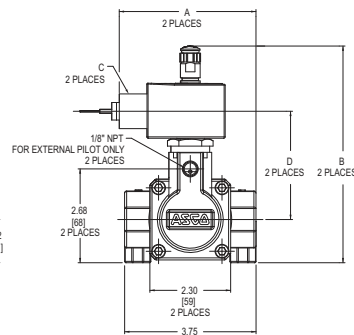
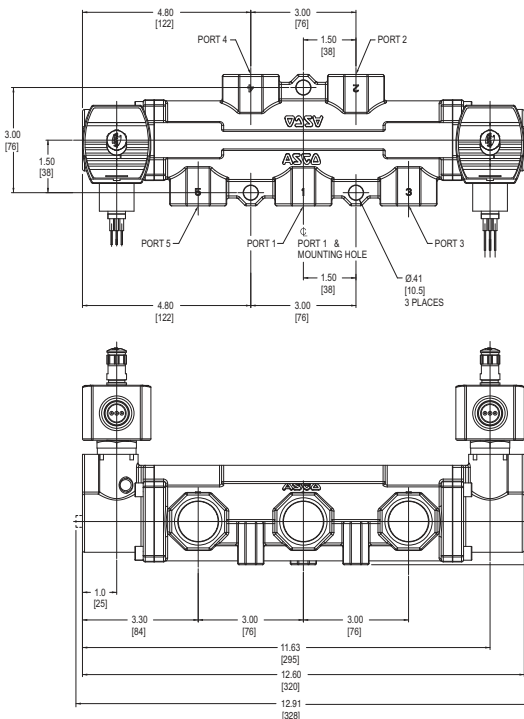
Const. Ref. 37



Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	3.9	99	4.1	103	4.0	102
B	6.2	157	5.0	127	6.0	152
C	1/2" NPT		1/2" NPT		1/2" NPT	
D	3.1	79	2.6	66	2.8	72



Const. Ref. 38



Dimension	Low Power Standard AC/DC		Compact Low Power		Stainless Steel Encapsulated	
	inch	mm	inch	mm	inch	mm
A	3.9	99	4.1	103	4.0	102
B	6.2	157	5.0	127	6.0	152
C	1/2" NPT		1/2" NPT		1/2" NPT	
D	3.1	79	2.6	66	2.8	72

