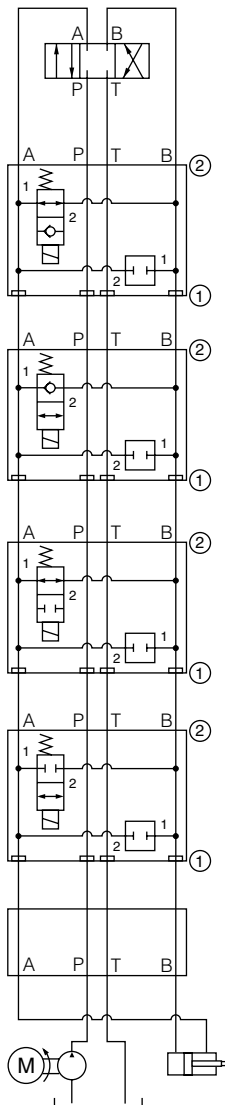
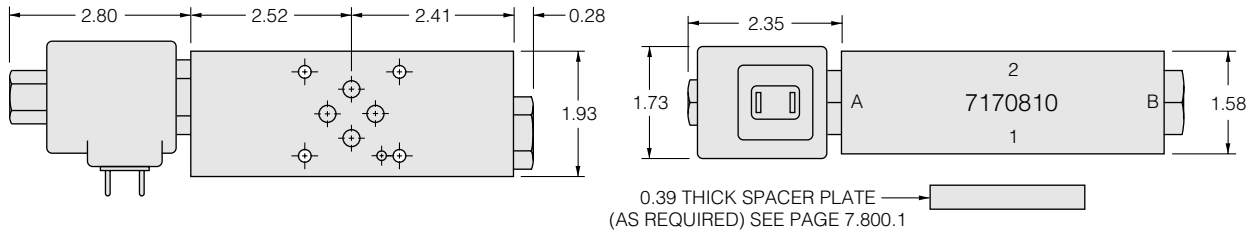


Solenoid Sandwich Valves

HydraForce solenoid-operated cartridge valves offer designers increased flexibility with new methods of load holding, regeneration, system unloading, etc.

HydraForce solenoids are available with many termination/voltage combinations, all of which are continuous duty rated.

Due to the size of HydraForce -10 size coils, use with standard sub-bases and sub-plate type valves will likely require the use of a spacer plate to prevent an interference fit.



Normally Open, Block B to A Model No. SV10-23-S03F-x-xx
 Side Up: 2 Plug: CP10-20-x Seal Plate: No Catalog Ref.: 1.053.1
 Block No.: 7170810 Plug Side: B

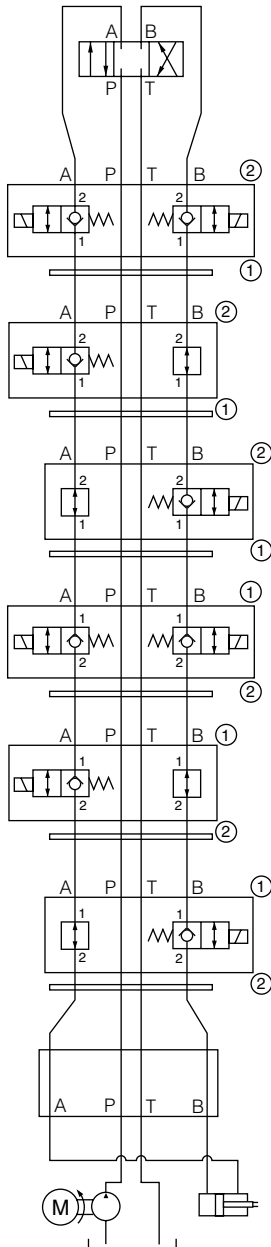
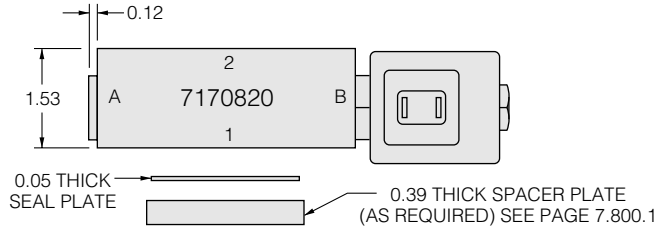
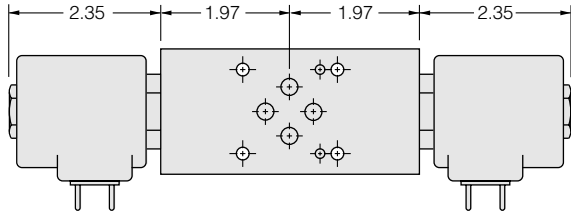
Normally Closed, Block B to A Model No. SV10-22-S03F-x-xx
 Side Up: 2 Plug: CP10-20-x Seal Plate: No Catalog Ref.: 1.044.1
 Block No.: 7170810 Plug Side: B

Normally Open, Block B to A, A to B Model No. SV10-25-S03F-x-xx
 Side Up: 2 Plug: CP10-20-x Seal Plate: No Catalog Ref.: 1.076.1
 Block No.: 7170810 Plug Side: B Max. Flow: 6 gpm

Normally Closed, Block B to A, A to B Model No. SV10-24-S03F-x-xx
 Side Up: 2 Plug: CP10-20-x Seal Plate: No Catalog Ref.: 1.064.1
 Block No.: 7170810 Plug Side: B

ISO/CETOP 3 Manifold

Solenoid Sandwich Valves



Dual Blocking, Normally Closed

Side Up: 2 Plug: None
Block No.: 7170820 Plug Side: n/a

Model No. SV10-22-S03D-x-xx

Seal Plate: Yes Catalog Ref.: 1.044.1

Blocking on A, Normally Closed

Side Up: 2 Plug: 6103010
Block No.: 7170820 Plug Side: B

Model No. SV10-22-S03A-x-xx

Seal Plate: Yes Catalog Ref.: 1.044.1

Blocking on B, Normally Closed

Side Up: 2 Plug: 6103010
Block No.: 7170820 Plug Side: A

Model No. SV10-22-S03B-x-xx

Seal Plate: Yes Catalog Ref.: 1.044.1

Dual Load Holding, Normally Closed

Side Up: 1 Plug: None
Block No.: 7170820 Plug Side: n/a

Model No. SV10-22-S03H-x-xx

Seal Plate: Yes Catalog Ref.: 1.044.1

Load Holding on A, Normally Closed

Side Up: 1 Plug: 6103010
Block No.: 7170820 Plug Side: B

Model No. SV10-22-S03G-x-xx

Seal Plate: Yes Catalog Ref.: 1.044.1

Load Holding on B, Normally Closed

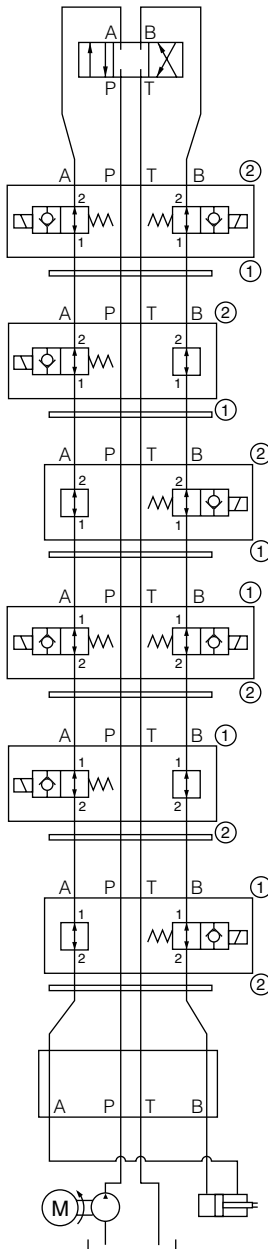
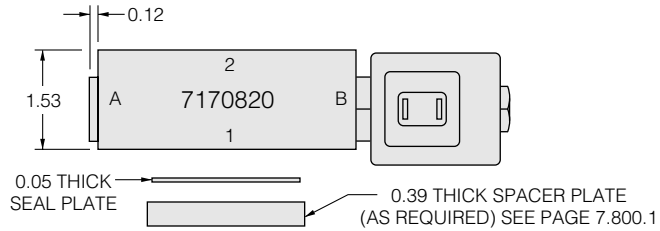
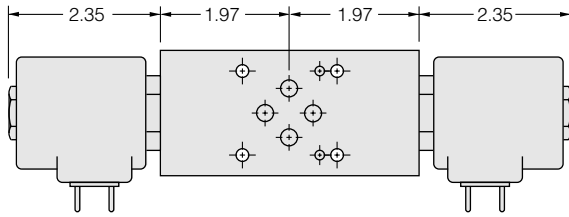
Side Up: 1 Plug: 6103010
Block No.: 7170820 Plug Side: A

Model No. SV10-22-S03L-x-xx

Seal Plate: Yes Catalog Ref.: 1.044.1

ISO/CETOP 3 Manifold

Solenoid Sandwich Valves



Dual Blocking, Normalcy Open

Side Up: 2 Plug: None
Block No.: 7170820 Plug Side: n/a

Model No. SV10-23-S03D-x-xx

Seal Plate: Yes Catalog Ref.: 1.053.1

Blocking on A, Normalcy Open

Side Up: 2 Plug: 6103010
Block No.: 7170820 Plug Side: B

Model No. SV10-23-S03A-x-xx

Seal Plate: Yes Catalog Ref.: 1.053.1

Blocking on B, Normalcy Open

Side Up: 2 Plug: 6103010
Block No.: 7170820 Plug Side: A

Model No. SV10-23-S03B-x-xx

Seal Plate: Yes Catalog Ref.: 1.053.1

Dual Load Holding, Normalcy Open

Side Up: 1 Plug: None
Block No.: 7170820 Plug Side: n/a

Model No. SV10-23-S03H-x-xx

Seal Plate: Yes Catalog Ref.: 1.053.1

Load Holding on A, Normalcy Open

Side Up: 1 Plug: 6103010
Block No.: 7170820 Plug Side: B

Model No. SV10-23-S03G-x-xx

Seal Plate: Yes Catalog Ref.: 1.053.1

Load Holding on B, Normalcy Open

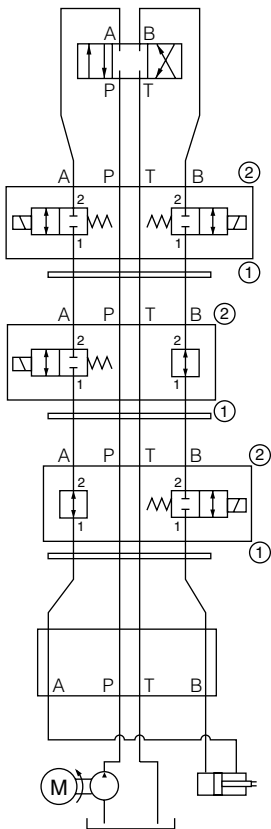
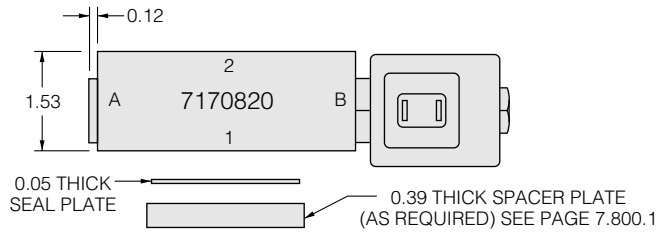
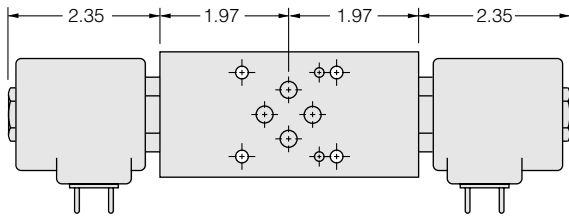
Side Up: 1 Plug: 6103010
Block No.: 7170820 Plug Side: A

Model No. SV10-23-S03L-x-xx

Seal Plate: Yes Catalog Ref.: 1.053.1

ISO/CETOP 3 Manifold

Solenoid Sandwich Valves



Dual Blocking, Normally Closed

Side Up: 2 Plug: None
 Block No.: 7170820 Plug Side: n/a

Model No. SV10-24-S03D-x-xx

Seal Plate: Yes Catalog Ref.: 1.064.1

Blocking on A, Normally Closed

Side Up: 2 Plug: 6103010
 Block No.: 7170820 Plug Side: B

Model No. SV10-24-S03A-x-xx

Seal Plate: Yes Catalog Ref.: 1.064.1

Blocking on B, Normally Closed

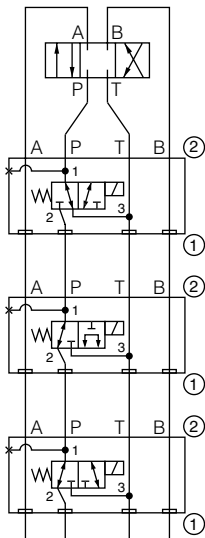
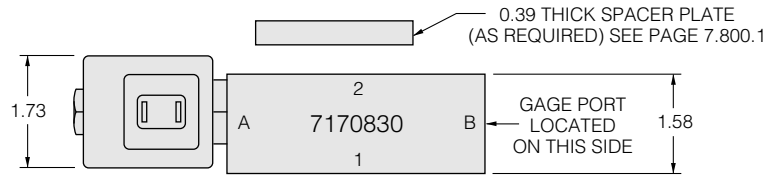
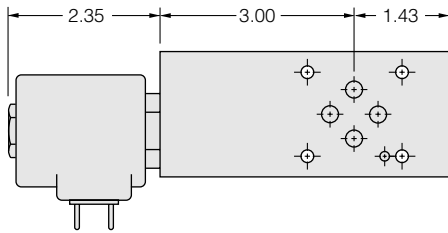
Side Up: 2 Plug: 6103010
 Block No.: 7170820 Plug Side: A

Model No. SV10-24-S03B-x-xx

Seal Plate: Yes Catalog Ref.: 1.064.1

ISO/CETOP 3 Manifold

Solenoid Sandwich Valves



Solenoid 3-Way, Selector on P Model No. SV10-33-S030-x-xx

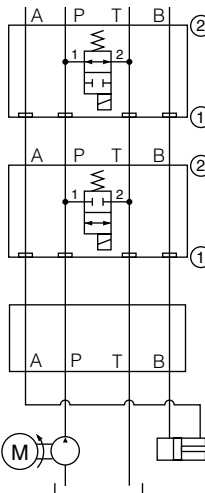
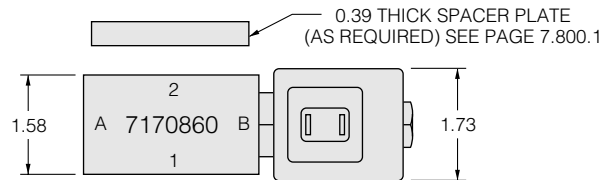
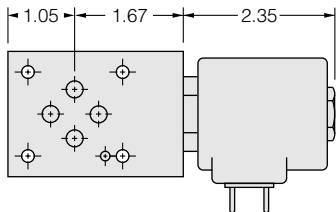
Side Up: 2 Plug: None Seal Plate: No Catalog Ref.: 1.372.1
 Block No.: 7170830 Plug Side: n/a Max. Flow: 5 gpm May Require Spacer Plate

Solenoid 3-Way, Selector on P Model No. SV10-34-S030-x-xx

Side Up: 2 Plug: None Seal Plate: No Catalog Ref.: 1.380.1
 Block No.: 7170830 Plug Side: n/a Max. Flow: 7 gpm May Require Spacer Plate

Solenoid 3-Way, Selector on P Model No. SV10-31-S030-x-xx

Side Up: 2 Plug: None Seal Plate: No Catalog Ref.: 1.368.1
 Block No.: 7170830 Plug Side: n/a Max. Flow: 6 gpm May Require Spacer Plate



Solenoid 2-Way, Dump P to T, N.O. Model No. SV10-25-S030-x-xx

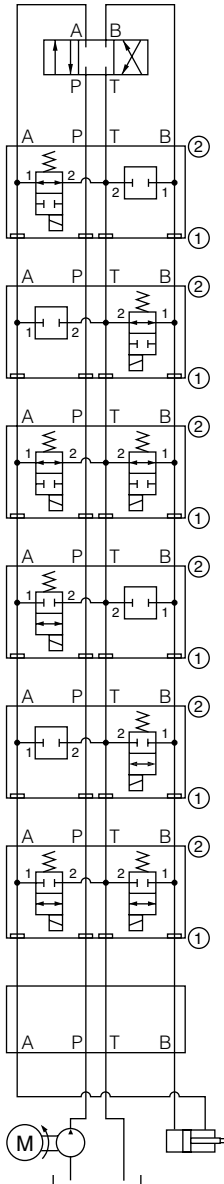
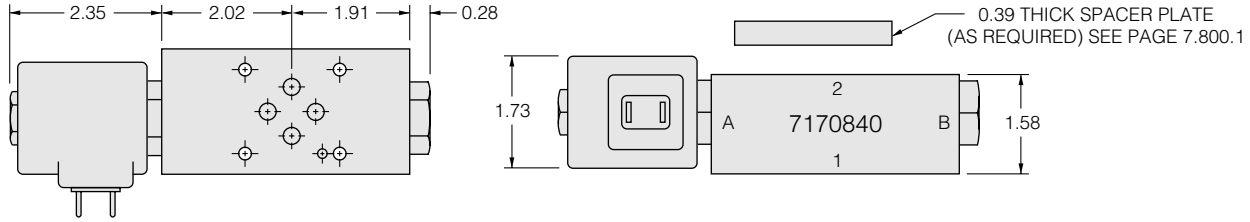
Side Up: 2 Plug: None Seal Plate: No Catalog Ref.: 1.076.1
 Block No.: 7170860 Plug Side: n/a Max. Flow: 6 gpm

Solenoid 2-Way, Dump P to T, N.C. Model No. SV10-24-S030-x-xx

Side Up: 2 Plug: None Seal Plate: No Catalog Ref.: 1.064.1
 Block No.: 7170860 Plug Side: n/a

ISO/CETOP 3 Manifold

Solenoid Sandwich Valves



Solenoid, Unload A to T, Normally Open

Side Up: 2 Plug: CP10-20-x
Block No.: 7170840 Plug Side: B

Model No. SV10-25-S03U-x-xx

Seal Plate: No Catalog Ref.: 1.076.1
Max. Flow: 6 gpm

Solenoid, Unload B to T, Normally Open

Side Up: 2 Plug: CP10-20-x
Block No.: 7170840 Plug Side: A

Model No. SV10-25-S03V-x-xx

Seal Plate: No Catalog Ref.: 1.076.1
Max. Flow: 6 gpm

Solenoid, Unload A & B to T, Normally Open

Side Up: 2 Plug: None
Block No.: 7170840 Plug Side: n/a

Model No. SV10-25-S03W-x-xx

Seal Plate: No Catalog Ref.: 1.076.1
Max. Flow: 6 gpm

Solenoid, Unload A to T, Normally Closed

Side Up: 2 Plug: CP10-20-x
Block No.: 7170840 Plug Side: B

Model No. SV10-24-S03U-x-xx

Seal Plate: No Catalog Ref.: 1.064.1

Solenoid, Unload B to T, Normally Closed

Side Up: 2 Plug: CP10-20-x
Block No.: 7170840 Plug Side: A

Model No. SV10-24-S03V-x-xx

Seal Plate: No Catalog Ref.: 1.064.1

Solenoid, Unload A & B to T, Normally Open

Side Up: 2 Plug: None
Block No.: 7170840 Plug Side: n/a

Model No. SV10-24-S03W-x-xx

Seal Plate: No Catalog Ref.: 1.064.1

ISO/CETOP 3 Manifold