



3JAY6

Mark 15 Series Solenoid Valves, Subbase/Manifolds, Pressure Regulators, and Accessories

- 1.5 Cv
- Max. operating pressure: 150 psi
- Pressure regulators include gauge

Subbase-mounted direct-acting solenoid valve; electrical connections made through base.

Type	Actuator/Return	VOLTAGE			
		120V AC		24V DC	
		Mr. Model	Item No.	Mr. Model	Item No.
Mark 15 Valves					
4-Way, 2-Position	Solenoid/Spring	152SA400K000030	3JAY6	152SA400M000061	3JAZ1
4-Way, 2-Position	Solenoid/Solenoid	152SS400K000030	3JAY7	152SS400M000061	3JAZ2
4-Way, 3-Position, Open Center	Solenoid/Solenoid	152SS500K000030	3JAY8	152SS500M000061	3JAZ3
4-Way, 3-Position, Closed Center	Solenoid/Solenoid	152SS600K000030	3JAY9	152SS600M000061	3JAZ4

Description	NPT Port (in.)	No. of Stations	Mr. Model	Item No.
Manifolds				
Manifold Block	3/8"	1	229-630	3JAZ5
Subbase Common Exhaust	3/8"	1	203-361	3JAZ6
Subbase Individual Exhaust	3/8"	1	203-359	3JAZ7
Manifold Accessories				
End Plate Kit			229-621	3JAZ8
Blank Station Plate Kit			229-620	3JAZ9
Blocking Disk			124-141	3JAZ2

Description	Adjustment Range	Mr. Model	Item No.
Pressure Regulators			
Sandwich Single Air Regulator	10 to 130 psi	152RS100J000000	3JCA3
Sandwich Dual Air Regulator	10 to 130 psi	152RD100J000000	3JCA4
Speed Control Kit			
Mark 15 Series Valves on Bases or Manifolds		229-664	3JAZ9



3JCA5



3JCA7



3JCD5



3JCC8

NUMATICS

Mark 55 Series Solenoid Valves, Subbase/Manifolds, Pressure Regulators, and Accessories

Valves—Actuate by either a direct solenoid operator or solenoid pilot.

- 5.5 Cv
- Operating pressure range: full vacuum to 150 psi

Manifolds—Each manifold assembly requires 1 end plate kit (sold separately) to provide the supply and exhaust porting. Hardware for mounting valves to manifold, as well as electrical plugs for the valve to plug into the manifold base, are included.

Pressure Regulators and Speed Control Kit for Mark 55 Series

—Include a plug receptacle assembly that helps reduce cost. Speed Control Kit 3JCF4 adjusts the metering of exhaust air to control cylinder speed.

- Regulators include gauge, with 1/8" NPT port

Type	Vacuum	Actuator/Return	VOLTAGE			
			120V AC		24V DC	
			Mr. Model	Item No.	Mr. Model	Item No.
Single Solenoid Valves						
4-Way, 2-Position	0 to 28"Hg	Solenoid/Spring	554SA400K000030	3JCA5	—	—
	0 to 28"Hg	Solenoid Air Pilot/Spring	554BA400K000030	3JCA6	—	—
	External pilot	—	—	—	Solenoid Air Pilot/Spring	554BA400M000061 3JCC2
Double Solenoid Valves						
4-Way, 2-Position	External pilot	Solenoid/Solenoid	554SS400K000030	3JCA7	Solenoid Air Pilot/Solenoid Air Pilot	554BB400M000061 3JCC3
4-Way, 3-Position, Closed Center	External pilot	Solenoid/Solenoid	554SS600K000030	3JCA8	Solenoid Air Pilot/Solenoid Air Pilot	554BB600M000061 3JCC5
4-Way, 3-Position, Open Center	External pilot	Solenoid/Solenoid	554SS500K000030	3JCA9	Solenoid Air Pilot/Solenoid Air Pilot	554BB500M000061 3JCC4

Description	Mr. Model	Item No.	Description	Mr. Model	Item No.	Description	Adjustment Range	Mr. Model	Item No.	
Manifolds										
1/2 NPT Port (In.)			Sub-base Individual Exhaust, Side Ported	203-501	3JCE7	Pressure Regulators				
Manifold Block Full Size	229-748	3JCD6	Sub-base Common Exhaust, Side & Bottom Ported	203-504	3JCE9	Single	10 to 130 psi	554RS100JP00000	3JCC8	
Sub-base Common Exhaust Item, 7 3/8 in x 2 1/2 in	229-880	3JCE2	Subbase Individual Exhaust Side and Bottom Ported	203-502	3JCF2	Pressure	3 to 30 psi	554RS300JP00000	3JCC9	
Sub-base Common Exhaust	203-495	3JCE6	Manifold Accessories				Dual	10 to 130 psi	554RD100JP00000	3JCD2
Item, 7 1/4 in x 2 1/4 in			Sub-base Common Exhaust, Compact	229-861	3JCE3	Pressure	3 to 30 psi	554RD300JP00000	3JCD3	
Sub-base Individual Exhaust	203-493	3JCE8	End Plate Kit, Full Size	229-841	3JCD7	Pressure	5 to 60 psi	554RD400JP00000	3JCD4	
Subbase Common Exhaust Side & Bottom Ported	203-496	3JCF1	Blocking Disk, Full Size, EA and EB Gallery	124-154	3JCD8	Speed Control Kit, For Mark 55 Series Valves on Bases or Manifolds				
Subbase Individual Exhaust Side & Bottom Ported	203-494	3JCF3	Blocking Disk, Full Size, P Gallery	124-153	3JCD9	Kit	—	229-908	3JCF4	
1/4 NPT Port (In.)			Blocking Disk, Compact, All Galleries	124-160	3JCE4					
Manifold Block Full Size	229-749	3JCD5	Blank Station Plate Kit	229-840	3JCF5					
Sub-base Common Exhaust	229-881	3JCF1								
Sub-base Common Exhaust, Side Ported	203-503	3JCE5								



3FDX9

B Series Solenoid Air Control Valves, Coil Kits, and Accessories



- Max. operating pressure (valves only): 145 psi
- Min. operating pressure (valves only): 20 psi (B3, B5, and B6 series); 35 psi (B7 and B8 series)
- Max. temp. range (valves only): 5° to 120°F

Valves have a low-friction breakaway for fast response time. Low wear assures long service life.

Pilot Port Size	Cv	24V DC VALVES		120V AC VALVES		Pilot Port Size	Cv	24V DC VALVES		120V AC VALVES	
		Mr. Model	Item No.*	Mr. Model	Item No.*			Mr. Model	Item No.*	Mr. Model	Item No.*
Single Solenoid, 3-Way, 2-Position, Normally Closed											
1/8 in NPT	0.75	B3G0BB549C	3FDN1	B3G0BB553C	3FDL5	1/4 in NPT	0.6	B350BB549C	3FDR3	B350BB553C	3FDP7
1/4 in NPT	1.4	B5G1BB549C	3FDN2	B5G1BB553C	3FDL6	1/2 in NPT	1.1	B511BB549C	3FDR5	B511BB553C	3FDP8
3/8 in NPT	2.7	B6V2BB549A	3FDN3	B6V2BB553A	3FDL7	3/4 in NPT	2.1	B652BB549A	3FDR6	B652BB553A	3FDP9
1/2 in NPT	5.9	B7V3BB549A	3FDN4	B7V3BB553A	3FDL8	1/2 in NPT	5.7	B753BB549A	3FDR7	B753BB553A	3FDR1
3/4 in NPT	7	B8V4BB549A	3FDN5	B8V4BB553A	3FDL9	3/4 in NPT	6.6	B854BB549A	3FDR8	B854BB553A	3FDR2
Single Solenoid, 4-Way, 2-Position											
1/8 in NPT	0.75	B310BB549C	3FDY2	B310BB553C	3FDR4	Double Solenoid, 4-Way, 3-Position, Pressure Center					
1/4 in NPT	1.4	B511BB549C	3FDY3	B511BB553C	3FDY6	1/8 in NPT	0.6	B370BB549C	3FDV9	B370BB553C	3FDV4
3/8 in NPT	2.7	B612BB549A	3FDY4	B612BB553A	3FDY8	1/4 in NPT	1.1	B571BB549C	3FDW2	B571BB553C	3FDV5
1/2 in NPT	5.9	B713BB549A	3FDY5	B713BB553A	3FDY1	3/8 in NPT	2.1	B672BB549A	3FDW3	B672BB553A	3FDV6
3/4 in NPT	7	B814BB549A	3FDY6	B814BB553A	3FDY3	1/2 in NPT	5.7	B773BB549A	3FDW4	B773BB553A	3FDV7
Double Solenoid, 4-Way, 2-Position											
1/8 in NPT	0.75	B320BB549C	3FDP2	B320BB553C	3FDN6	3/4 in NPT	6.6	B874BB549A	3FDW5	B874BB553A	3FDV8
1/4 in NPT	1.4	B511BB549C	3FDP3	B511BB553C	3FDN7	Double Solenoid, 4-Way, 3-Position, Center Exhaust					
3/8 in NPT	2.7	B622BB549A	3FDP4	B622BB553A	3FDN8	1/8 in NPT	0.6	B360BB549C	3FDX2	B360BB553C	3FDW6
1/2 in NPT	5.9	B723BB549A	3FDP5	B723BB553A	3FDN9	1/4 in NPT	1.1	B561BB549C	3FDX4	B561BB553C	3FDW7
3/4 in NPT	7	B824BB549A	3FDP6	B824BB553A	3FDP1	1/2 in NPT	2.1	B662BB549A	3FDX5	B662BB553A	3FDW8
Accessories											
Replacement Coils											
Replacement Solenoid Coil 120V AC 3FDX9											
Replacement Solenoid Coil 24V DC 3FDX8											
Seals											
Soft Seal Kit for 3-Position Valve 3FDY9											
Solenoid Coil Connector											
Required for use with Solenoids 3FDY1											

* Requires DIN coil connector.