



NUMATICS



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	3JAZ1
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

					VOLTAGE				
		120V AC					24V DC		
Type	Vacuum	Actuator/Return	Mr. Model	Item No.	Actuator/Return		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		554BA400MT00061	3JCC2	
Double Solenoid Valves									
4-Way, 2-Position	External pilot	Solenoid/Solenoid	554SS400K000030	3JCA7	Solenoid Air Pilot/Solenoid Air Pilot		554BB400MT00061	3JCC3	
4-Way, 3-Position, Closed Center	External pilot	Solenoid/Solenoid	554SS600K000030	3JCC1	Solenoid Air Pilot/Solenoid Air Pilot		554BB600MT00061	3JCC5	
4-Way, 3-Position, Open Center	External pilot	Solenoid/Solenoid	554SS500K000030	3JCA9	Solenoid Air Pilot/Solenoid Air Pilot		554BB500MT00061	3JCC4	
Description		Mr. Model	Item No.	Description		Mr. Model	Item No.	Adjustment Range	
Manifolds				Description				Mr. Model	Item No.
½ NPT Port (In.)				Pressure Regulators					
Manifold Block Full Size			229-748 3JCD6	Single			10 to 130 psi	554RS100JP00000	3JCC8
Sub-base Common Exhaust Item, 7 7/8 in x 2 1/2 in			229-880 3JCE2	Pressure			3 to 30 psi	554RS300JP00000	3JCC9
Sub-base Common Exhaust Item, 7 1/4 in x 2 1/4 in			203-495 3JCE6	Dual			10 to 130 psi	554RD100JP00000	3JCC2
Sub-base Individual Exhaust			203-493 3JCE8	Pressure			3 to 30 psi	554RD300JP00000	3JCC3
Sub-base Common Exhaust Side & Bottom Ported			203-496 3JCF1	Pressure			5 to 60 psi	554RD400JP00000	3JCC4
Sub-base Individual Exhaust Side & Bottom Ported			203-494 3JCF3	Speed Control Kit, For Mark 55 Series Valves on Bases or Manifolds					
¾ NPT Port (In.)				Kit			—	229-908	3JCF4
Manifold Block Full Size			229-749 3JCD5						
Sub-base Common Exhaust			229-881 3JCE1						
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.

3FDT6

Pilot Port Size		24V DC VALVES		120V AC VALVES	
Cv	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	1.4	B5G1BB549C	3FDN2	B5G1BB553C	3FDL6
1/2 in NPT	2.7	B6V2BB549A	3FDN3	B6V2BB553A	3FDL7
3/4 in NPT	5.9	B7V3BB549A	3FDN4	B7V3BB553A	3FDL8
1 in NPT	7	B8V4BB549A	3FDN5	B8V4BB553A	3FDL9
Single Solenoid, 4-Way, 2-Position					
1/8 in NPT	0.75	B310BB549C	3FDY2	B310BB553C	3FDR4
1/4 in NPT	1.4	B511BB549C	3FDH5	B511BB553C	3FDR6
1/2 in NPT	2.7	B612BB549A	3FDK6	B612BB553A	3FDR8
3/4 in NPT	5.9	B713BB549A	3FDL3	B713BB553A	3FDR1
1 in NPT	7	B814BB549A	3FDL4	B814BB553A	3FDR3
Double Solenoid, 4-Way, 2-Position					
1/8 in NPT	0.75	B320BB549C	3FDP2	B320BB553C	3FDN6
1/4 in NPT	1.4	B521BB549C	3FDP3	B521BB553C	3FDN7
1/2 in NPT	2.7	B622BB549A	3FDP4	B622BB553A	3FDN8
3/4 in NPT	5.9	B723BB549A	3FDP5	B723BB553A	3FDN9
1 in NPT	7	B824BB549A	3FDP6	B824BB553A	3FDP1

Pilot Port Size		24V DC VALVES			120V AC VALVES		
Cv		Mfr. Model	Item No.*		Mfr. Model	Item No.*	
Double Solenoid, 4-Way, 3-Position, Center Position Closed							
1/8 in NPT	0.6	B350BB549C	3FDR3		B350BB553C	3FDP7	
1/4 in NPT	1.1	B551BB549C	3FDR5		B551BB553C	3FDP8	
1/2 in NPT	2.1	B652BB549A	3FDR6		B652BB553A	3FDP9	
3/4 in NPT	5.7	B753BB549A	3FDR7		B753BB553A	3FDR1	
1 in NPT	6.6	B854BB549A	3FDR8		B854BB553A	3FDR2	
Double Solenoid, 4-Way, 3-Position, Pressure Center							
1/8 in NPT	0.6	B370BB549C	3FDV9		B370BB553C	3FDV4	
1/4 in NPT	1.1	B571BB549C	3FDW2		B571BB553C	3FDV5	
1/2 in NPT	2.1	B672BB549A	3FDW3		B672BB553A	3FDV6	
3/4 in NPT	5.7	B773BB549A	3FDW4		B773BB553A	3FDV7	
1 in NPT	6.6	B874BB549A	3FDW5		B874BB553A	3FDV8	
Double Solenoid, 4-Way, 3-Position, Center Exhaust							
1/8 in NPT	0.6	B360BB549C	3FDX2		B360BB553C	3FDW6	
1/4 in NPT	1.1	B561BB549C	3FDX4		B561BB553C	3FDW7	
1/2 in NPT	2.1	B662BB549A	3FDX5		B662BB553A	3FDW8	
3/4 in NPT	5.7	B763BB549A	3FDX6		B763BB553A	3FDW9	
1 in NPT	6.6	B864BB549A	3FDX7		B864BB553A	3FDX1	

Function	Item No.
B Service Kit	
3-Pin Connection 120V AC Lighted	3FDY4
B3 Body/Spool Service Kits	
2 Position, 4 Way	3FDY5
3 Position All Ports Blocked, 4 Way	3FDY6
3 Position Center Exhaust, 4 Way	3FDY7
3 Way, 2 Position Normally Closed	3FDY9
B5 Body/Spool Service Kits	
2 Position, 4 Way	3FDZ1
3 Position All Ports Blocked, 4 Way	3FDZ2
3 Position Center Exhaust, 4 Way	3FDH7
3 Position Pressure Center, 4 Way	3FDH9
3 Way, 2 Position Normally Closed	3FDJ2
B6 Body/Spool Service Kits	
2 Position, 4 Way	3FDJ5
3 Position Center Exhaust, 4 Way	3FDJ9
3 Position Pressure Center, 4 Way	3FDK2
B7 and B8 Body/Spool Service Kits	
2 Position, 4 Way	3FDK5
3 Position All Ports Blocked, 4 Way	3FDK7
3 Position Pressure Center, 4 Way	3FDK9
3 Way, 2 Position Normally Closed	3FDL1
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.