



Series 70 - Mechanically-Operated Valves

Metal Work Series 70 mechanically-operated valves are an excellent choice for many applications where electrical sensors are not wanted.

Features

- Various actuator types to suit many applications
- 3-port (3-way), 2-position and 5-port (4-way), 2-position configurations
- 1/8" NPT port sizes



Part No. 7001000100U



Part No. 7001000200U



Part No. 7001000500U



Part No. 7001000600U



Part No. 7001000700U



Part No. 7001000910U



See www.AutomationDirect.com for a wide variety of fitting options

Metal Work Series 70 - Mechanically-Operated Valves

Model	7001000100U	7001000110U	7001000200U	7001000210U	7001000400U	7001000410U	7001000500U	7001000510U
Price	\$23.00	\$25.50	\$41.50	\$44.50	\$43.00	\$47.00	\$32.00	\$35.00
Drawing Link	PDF	PDF	PDF	PDF	PDF	PDF	PDF	PDF
Weight (lb)	0.2	0.27	0.29	0.35	0.32	0.38	0.32	0.38
Manufacturer Specs	PDF	PDF	PDF	PDF	PDF	PDF	PDF	PDF
Valve Type	3-port (3-way), 2-position, spring return	5-port (4-way), 2-position, spring return	3-port (3-way), 2-position, spring return	5-port (4-way), 2-position, spring return	3-port (3-way), 2-position, spring return	5-port (4-way), 2-position, spring return	3-port (3-way), 2-position, spring return	5-port (4-way), 2-position, spring return
Valve Configuration	N.C.	N/A	N.C.	N/A	N.C.	N/A	N.C.	N/A
Operator	Plunger		Pilot-assisted plunger		Pilot-assisted roller lever		Roller lever	
Acting	Spring return							
Inlet Port Size	1/8" FNPT							
Outlet Port Size	1/8" FNPT							
Flow (Cv)	0.55							
Media	Filtered air without lubrication; lubrication, if used, must be continuous							
Pressure Range	Vacuum to 145 psi		36.3 to 145 psi				Vacuum to 145 psi	
Temperature	14°F to 140°F (-10°C to 60°C)							
Lubrication	ISO and UNI FD 22							
Life Cycle	2 million cycles							

For additional details see manufacturer's technical specifications, manuals and inserts (where applicable).



Series 70 - Mechanically-Operated Valves

Metal Work Series 70 - Mechanically-Operated Valves						
Model	7001000600U	7001000610U	7001000700U	7001000710U	7001000900U	7001000910U
Price	\$32.50	\$35.00	\$56.00	\$59.00	\$57.00	\$60.00
Drawing Link	PDF	PDF	PDF	PDF	PDF	PDF
Weight (lb)	0.34	0.4	0.34	0.44		0.54
Manufacturer Specs	PDF	PDF	PDF	PDF	PDF	PDF
Valve Type	3-port (3-way), 2-position, spring return	5-port (4-way), 2-position, spring return	3-port (3-way), spring return	5-port (4-way), 2-position, spring return	3-port (3-way), 2-position, spring return	5-port (4-way), 2-position, spring return
Valve Configuration	N.C.	N/A	N.C.	N/A	N.C.	N/A
Operator	Unidirectional roller lever		Pilot-assisted whisker		Pilot-assisted adjustable roller lever	
Acting	Spring return					
Inlet Port Size	1/8" FNPT					
Outlet Port Size	1/8" FNPT					
Flow (Cv)	0.55					
Media	Filtered air without lubrication; lubrication, if used, must be continuous					
Pressure Range	Vacuum to 145 psi		36.3 to 145 psi		Vacuum to 145 psi	
Temperature	14°F to 140°F (-10°C to 60°C)					
Lubrication	ISO and UNI FD 22					
Life Cycle	2 million cycles					

For additional details see manufacturer's technical specifications, manuals and inserts (where applicable).



Series 70 - Valve Components

Metal Work Series 70 valves is one of the most popular lines of valves produced in Italy by Metal Work. They feature heavy duty construction and many options to choose from.

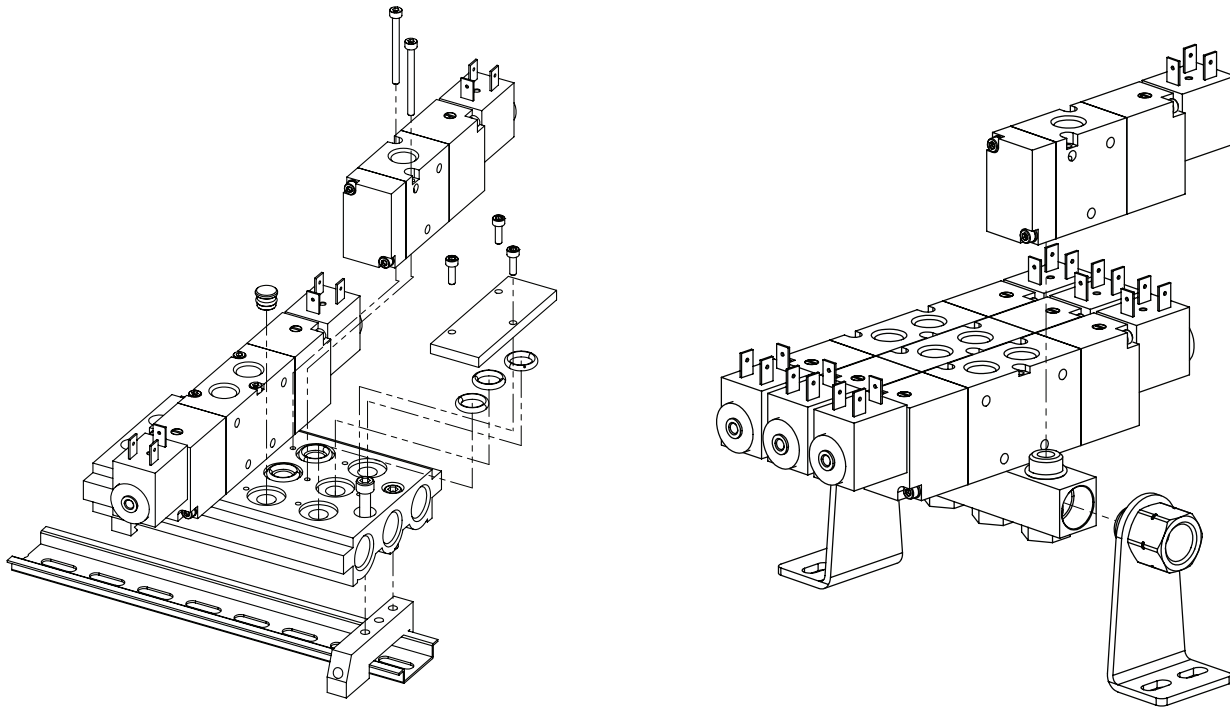
Features

- Most styles available in four sizes
- 3-port (3-way) and 5-port (4-way) body-ported valves
- 2-position and 3-position operation
- Manual, mechanically operated, air pilot and solenoid valves



Scan or click the above QR code for the
Metal Work Series 70 Instructions Insert

Valve Base Assembly Examples



- A. VALVE BODY: Aluminum
- B. CONTROL/END CAP: Plastic
- C. SPOOL: chemically Nickel-plated aluminum
- D. SPOOL GUIDES: Plastic
- E. GASKETS: NBR
- F. PISTONS: Hostaform®
- G. PISTON GASKET: NBR
- H. FILTER: Sintered bronze
- I. SPRINGS: Spring steel
- J. OPERATOR: Brass pipe - Stainless steel core

