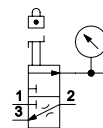


SERIES
651/652/653

SHUT OFF ISOLATION VALVE

- Robust and easy-to-operate shut off valve, with lockout (front or back) on handle
- Provides shut off to downstream machinery
- Optional low profile gauge provides clear indication of the downstream pressure, and when the downstream components can be safely removed when pressure (P2) is at zero
- Available as 3/2 or 2/2 construction
- Threaded ports allow for individual or modular mounting

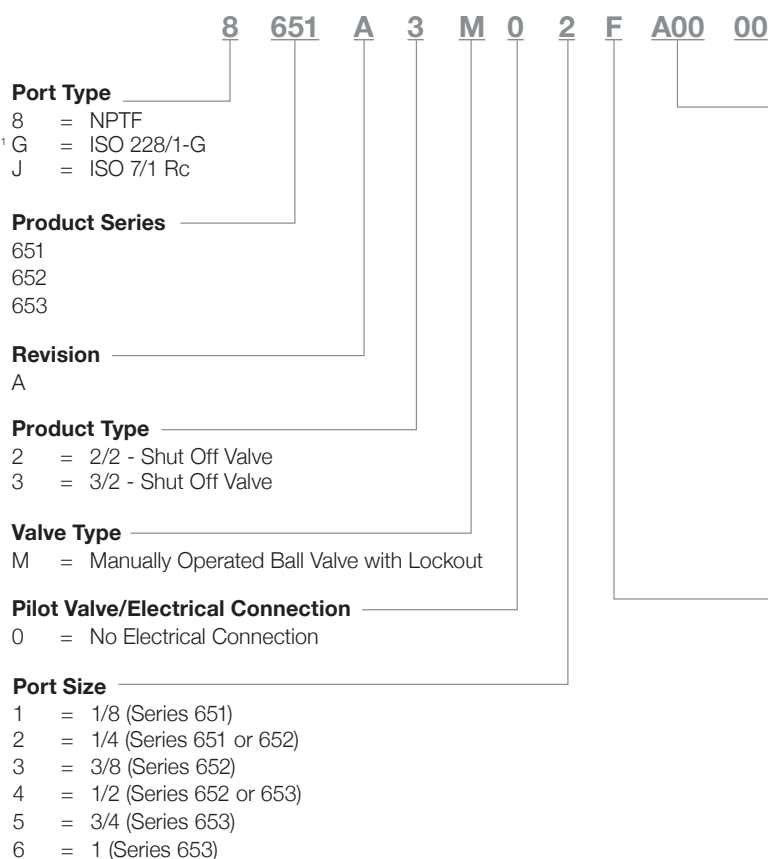


Performance Data							
Series	651		652		653		
Port Sizes	1/8, 1/4		1/4, 3/8, 1/2		1/2, 3/4, 1		
Thread Type	NPTF, G & Rc						
Nominal Flow - Per ISO 6358 P1 = 91.4 PSI (6.3 bar) ΔP = 14.5 PSI (1 bar)	SCFM (L/min ANR)						
		1 → 2	2 → 3	1 → 2	2 → 3	1 → 2	2 → 3
	1/8	50.8 (1440)	8.8 (250)	-	-	-	-
	1/4	166.7 (4720)	8.8 (250)	151.0 (4300)	8.1 (230)	-	-
	3/8	-	-	308.0 (8800)	8.1 (230)	-	-
	1/2	-	-	400.0 (11400)	8.1 (230)	458.0 (12970)	10.6 (300)
	3/4	-	-	-	-	1165.0 (33000)	10.6 (300)
	1	-	-	-	-	1833.0 (51900)	10.6 (300)
Maximum Inlet Pressure PSIG (bar)	232 (16)				290 (20)		
Ambient Temperature Range °F (°C)	14 to 122 (-10 to 50)						
Fluid Temperature Range °F (°C)	14 to 122 (-10 to 50)						
Fluid	Air or Inert Gas						
Weight lbs. (kg)	0.57 (0.260)		0.97 (0.438)		2.08 (0.943)		

Materials in Contact with Fluid

Body	Aluminum
Ball	Chrome Plated Brass
Seat	PTFE
Seals	NBR/FKM

How to Order - Shut Off Isolation Valve

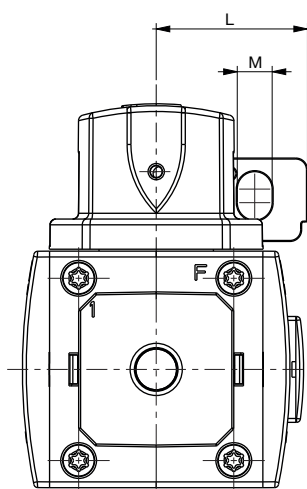
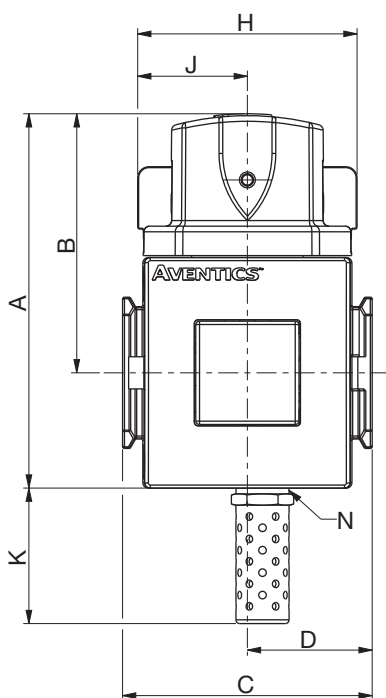
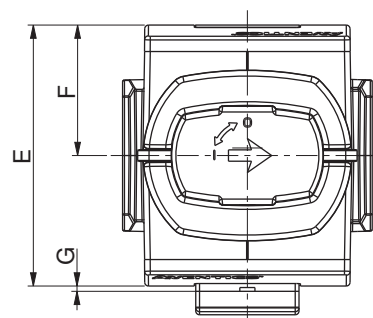


¹ Conforms to ISO standards 1179-1

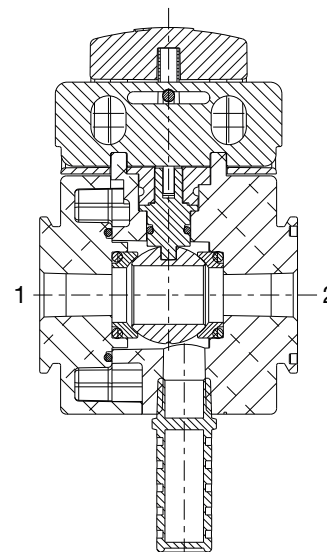
² If multiple options are required, please use the online CAD configurator on the website to generate the part number (www.emerson.com), or consult factory

SERIES
651/652/653

Dimensions: mm (inches) Series 651/652/653 Shut Off Isolation Valve



**Cross Section -
Series 651/652/653
Shut Off Isolation Valve**



	A	B	C	D	E	F	G	H	J	K	L	M	N
651	90.5 (3.56)	65.5 (2.58)	50 (1.97)	25 (0.98)	58 (2.28)	29 (1.14)	4.4 (0.17)	58 (2.28)	29 (1.14)	35.5 (1.40)	38 (1.50)	9 (0.35)	1/4 NPTF or 1/4 ISO 228/1-G
652	99 (3.90)	68 (2.68)	66 (2.60)	33 (1.30)	69 (2.72)	34.5 (1.36)	2.5 (0.10)	58 (2.28)	29 (1.14)	35 (1.38)	38 (1.50)	9 (0.35)	1/4 NPTF or 1/4 ISO 228/1-G
653	120 (4.72)	79 (3.11)	90 (3.54)	45 (1.77)	93 (3.66)	46.5 (1.83)	1.9 (0.07)	58 (2.28)	29 (1.14)	46.7 (1.84)	38 (1.50)	9 (0.35)	3/8 NPTF or 3/8 ISO 228/1-G