



Furon® SCM3 Valve

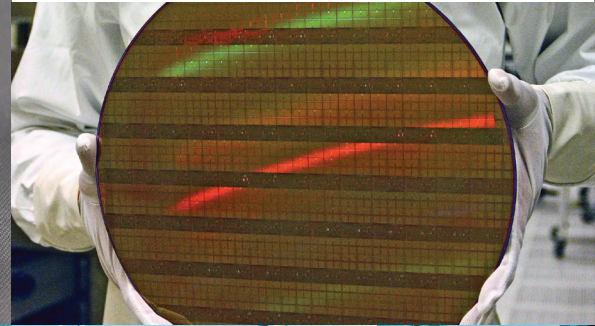
Manually Actuated, 3-Way Molded Stopcock Valve

Description

Furon SCM3 valves provide a simple but reliable solution for your fluid handling applications while offering the benefits of its metal- and elastomer-free, High Purity fluoropolymer construction. Our design and application expertise in fluoropolymer valves have allowed us to provide you with an entrapment free, full flow-through component.

Applications

Our Furon SCM valves are available in numerous configuration alternatives in both 2-way and 3-way valves, and feature a simple, easy to operate actuation handle.



Features and Benefits

- Metal-free construction
- 100% HP PFA and virgin PTFE wetted flow path
- O-Ring free design
- Bi-directional flow
- Flow through design
- Assembled, tested & double-bagged in a clean room
- Panel mount available
- T or L Flow pattern

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Furon SCM3 Valve

Part Number	Connection Size (in.)	Orifice	Flow Pattern	Panel Mount	D01; D02 D03	L1; L2; L3	H	P	T	M
SCM3-F4-L	1/4 FlareGrip® II	5/32	L	NO	0.8 (20.3 mm)	1.77 (45 mm)	1.93 (48.9 mm)	1.77 (45 mm)	0.59 (15 mm)	1.6 (40.8 mm)
SCM3-F4-T	1/4 FlareGrip II	5/32	T	NO	0.8 (20.3 mm)	1.77 (45 mm)	1.93 (48.9 mm)	1.77 (45 mm)	0.59 (15 mm)	1.6 (40.8 mm)
SCM3P-F4-L	1/4 FlareGrip II	5/32	L	YES (Cutout A)*	0.8 (20.3 mm)	1.77 (45 mm)	2.67 (67.9 mm)	1.77 (45 mm)	0.59 (15 mm)	1.6 (40.8 mm)
SCM3P-F4-T	1/4 FlareGrip II	5/32	T	YES (Cutout A)	0.8 (20.3 mm)	1.77 (45 mm)	2.67 (67.9 mm)	1.77 (45 mm)	0.59 (15 mm)	1.6 (40.8 mm)
SCM3-F6-L	3/8 FlareGrip II	5/32	L	NO	0.91 (23.1 mm)	1.91 (48.5 mm)	1.93 (48.9 mm)	1.91 (48.5 mm)	0.59 (15 mm)	1.6 (40.8 mm)
SCM3-F6-T	3/8 FlareGrip II	5/32	T	NO	0.91 (23.1 mm)	1.91 (48.5 mm)	1.93 (48.9 mm)	1.91 (48.5 mm)	0.59 (15 mm)	1.6 (40.8 mm)
SCM3P-F6-L	3/8 FlareGrip II	5/32	L	YES (Cutout B)	0.91 (23.1 mm)	1.91 (48.5 mm)	2.67 (67.9 mm)	1.91 (48.5 mm)	0.59 (15 mm)	1.6 (40.8 mm)
SCM3P-F6-T	3/8 FlareGrip II	5/32	T	YES (Cutout B)	0.91 (23.1 mm)	1.91 (48.5 mm)	2.67 (67.9 mm)	1.91 (48.5 mm)	0.59 (15 mm)	1.6 (40.8 mm)
SCM3-F8-L	1/2 FlareGrip II	5/16	L	NO	1.03 (26.2 mm)	2.2 (56 mm)	2.7 (68.6 mm)	2.2 (56 mm)	0.83 (21 mm)	2.25 (57.1 mm)
SCM3-F8-T	1/2 FlareGrip II	5/16	T	NO	1.03 (26.2 mm)	2.2 (56 mm)	2.7 (68.6 mm)	2.2 (56 mm)	0.83 (21 mm)	2.25 (57.1 mm)
SCM3P-F8-L	1/2 FlareGrip II	5/16	L	YES (Cutout B)	1.03 (26.2 mm)	2.2 (56 mm)	3.49 (88.6 mm)	2.2 (56 mm)	0.83 (21 mm)	2.25 (57.1 mm)
SCM3P-F8-T	1/2 FlareGrip II	5/16	T	YES (Cutout B)	1.03 (26.2 mm)	2.2 (56 mm)	3.49 (88.6 mm)	2.2 (56 mm)	0.83 (21 mm)	2.25 (57.1 mm)

*See Cutout A or Cutout B drawings below

Options (Please consult factory for details >>)

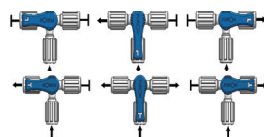
- PFA Flare nuts (add-3)
- Other connection types available:
 - MNPT - Pipe
 - FNPT - Tube End
- Various configurations available:
 - Flare x FNPT x Flare
 - Flare x Flare

Operating Specifications

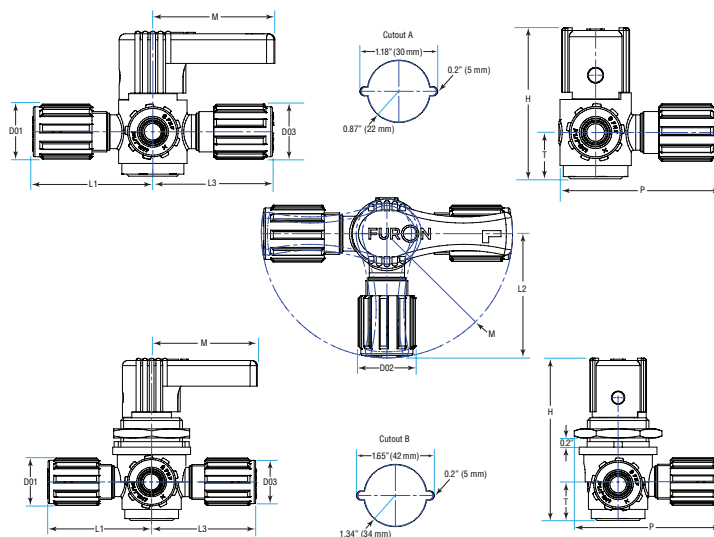
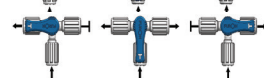
Operating Temperature	Media: 0°C to 60°C (32°F to 140°F)
Operating Pressure**	3 bars
Body	High Purity PFA
Key	High Purity PTFE
Handle & Panel Mount	Polypropylene

**Room temperature

L Flow Pattern



T Flow Pattern



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