Meter Manifold, Soft Seat

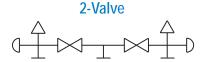


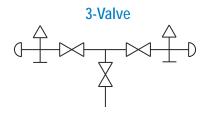
2180 SERIES

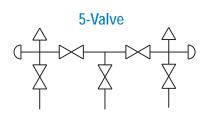
- · Designed for use with orifice meters
- 100% helium leak tested to 1 x 10⁻⁴ ml/s for guaranteed performance and reliability
- 6,000 psi pressure rating @ 200 °F
- Replaceable Delrin® seat and straight through porting for bidirectional, high capacity flow and easy roddable cleaning
- Blow-out proof stem provides a secondary stem seal in the full open position
- FKM o-ring seal and PTFE back-up ring below the stem threads to protect from corrosion and galling; PTFE packing optional
- All stems are 316 stainless steel
- · All stem threads are rolled for strength and ease of operation
- One-piece bonnet with a metal-to-metal seal to the valve body below the bonnet threads
- · Slotted spring pin to prevent accidental loosening
- Vinyl dust caps for bonnets and stems (non-packing)

Optional 3 and 5 valve configurations also shown. Additional needle valves sold separately.

Flow Schematics







SPECIFICATIONS				
Materials	Zinc-nickel plated steel, electropolished 316 stainless steel			
Connection	1/4" NPT			
Pressure rating	6,000 psi @ 200 °F			
Orifice size	0.187"			
Flow coefficient	C _V 0.76			
Stem seal & type	All 316 stainless steel stems with FKM o-ring and PTFE back-up ring below the threads, PTFE packing optional			
Options	Panel mountings, o-ring materials, handles, packings, regulating stem and stem tips			
Weight	Approximately 4.8 lb. (2-valve model)			

ORDERING INFORMATION							
SERIES	2 2-valve						
SEAT	1 Soft seat						
PROCESS TYPE	8 Meter manifold						
CONNECTION	0 1/4" NPT						
VALVE TYPES	FFC Female-Female, Steel	FFS Female-Female, Stainless Steel					

Please consult your local NOSHOK Distributor or NOSHOK, Inc. for availability and delivery information.

EXAMPLE	2180-FFC
	$JIIT$ \top
Series	2-valve /////////
Seat	Soft seat // /
Process type	Meter manifold
Connection	1/4" NPT
Valve type	Female-female, steel

To meet all of your specific application requirements, the following additional options are available for these manifold valves. To order all or any of these options, simply add them to the part number as shown in the diagram below.

NOTE 1: The example shown includes ALL possible additional options. Please include ONLY the options required for your application when building your part number. (EXAMPLE: 2180-FFC-P1)

NOTE 2: When a packing option is selected, an o-ring option is NOT available.

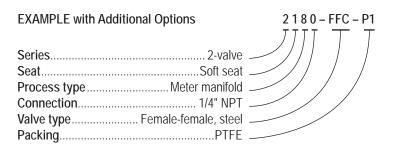
NOTE 3: The standard o-ring in all the NOSHOK manifold valves is FKM.

ORDERING INFORMATION - ADDITIONAL OPTIONS								
ORDERING INFORMATION - ADDITIONAL OF HONS								
PACKINGS	P1	PTFE						
STEM TIP	T1	Non-rotating (316 stainless)						
O-RINGS*	EM1	EPDM	KZ1	FFKM (Kalrez® 3018 or equivalent)	NB1	NBR		
HANDLES	HL3	1" Round knurled	HL4	1-3/8" Phenolic	HL5	1-3/4" Phenolic		

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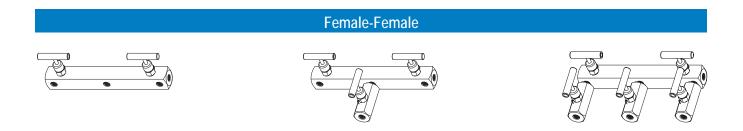
Please note that the standard o-ring in all the NOSHOK valves is FKM and the standard handles are "T" handles (HL2).

The handle material will always match the material of the valve, unless otherwise specified. For example, the "T" handle (HL2) on the 2180-FFC will be steel. When only the standard configuration is needed, no additional designations are necessary. Please consult the factory for special application requests.



^{*} Other o-ring materials available on request.

Dimensions



Optional 3 and 5 valve configurations also shown. Additional needle valves sold separately.

