

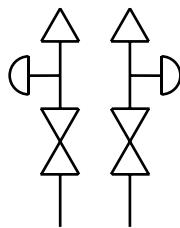
## Large Bore, Angle (0.375" Orifice)

## 2530 SERIES



- Designed for use with differential pressure transmitters incorporating two isolation valves in natural gas applications
- Non-rotating stem tip standard on large bore isolation valves
- 100% helium leak tested to  $1 \times 10^{-4}$  ml/s for performance and reliability
- Features a replaceable Acetal seat, and straight through porting for easy rodable cleaning of the block valves
- 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
- 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
- Color coded vinyl dust caps for bonnets and stems
- Rod Out Ports and Drain Ports are standard on the 90° Angle design

## Flow Schematic



## SPECIFICATIONS

Materials	Zinc-Nickel plated Steel, electropolished 316 Stainless Steel*
Connections	Flange-flange 90° angle
Pressure ratings	6,000 psi @ 200 °F
Orifice size	0.375"
Flow coefficient	$C_v$ 3.0
Stem seal & type	All 316 Stainless Steel stems with FKM o-ring and PTFE back-up ring below the threads
Additional features	Two static (test) ports, color coded vinyl bonnet and stem dust cap, patented soft tip stem design on equalizing and vent valves
Weight	Approximately 9.4 lb.

\* All 316SS products meet the requirements of NACE MR0175/ISO 15156-3.

 **WARNING:** This product can expose you to chemicals including Lead and Nickel, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

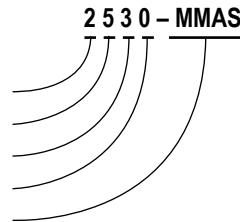
**NOTE:** All NOSHOK valve products conform to the MSS SP-99 instrument valves standards, and valves supplied with packing also conform to MSS SP-132 compression packing systems for instrument valves standard.

SERIES	2	2-valve
SEATS	5	Soft seat (0.375" orifice)
PROCESS TYPE	3	Natural gas flow
CONNECTIONS	0	1/2" NPT standard or flange
VALVE TYPES	MMAC	Flange-Flange 90° Angle, Steel
	MMAS	Flange-Flange 90° Angle, Stainless Steel

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

#### EXAMPLE

Series..... 2-valve  
 Seat..... Soft seat  
 Process type..... Natural gas flow  
 Connection..... 1/2" NPT standard  
 Valve type..... Flange-flange 90° Angle, Stainless 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: 2530-MMAS-PK1)

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

#### ORDERING INFORMATION - ADDITIONAL OPTIONS

SOFT SEATS	PK1 PEEK	KF1 PCTFE
O-RINGS*	EM1 EPDM	KZ1 FFKM (Perfluoroelastomer)
		NB1 NBR

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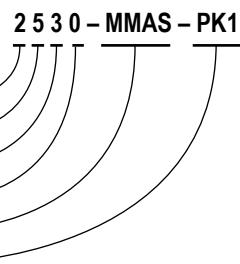
\* Other o-ring materials available on request.

Please note that the standard o-ring in all the NOSHOK valves is FKM and the standard handles are isolation "T" handles (HL8) and equalizing/vent 1-3/8" mini "T" handles (HL7).

The handle material will always match the material of the valve, unless otherwise specified. For example, the "T" handle on the 2530-MMAC will be Steel. When only the standard configuration is needed, no additional designations are necessary. Please consult the factory for special application requests.

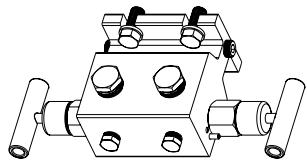
#### EXAMPLE with Additional Options

Series..... 2-valve  
 Seat..... Soft seat  
 Process type..... Natural gas flow  
 Connection..... 1/2" NPT  
 Valve type..... Flange-flange, Stainless Steel  
 Soft seat..... PEEK

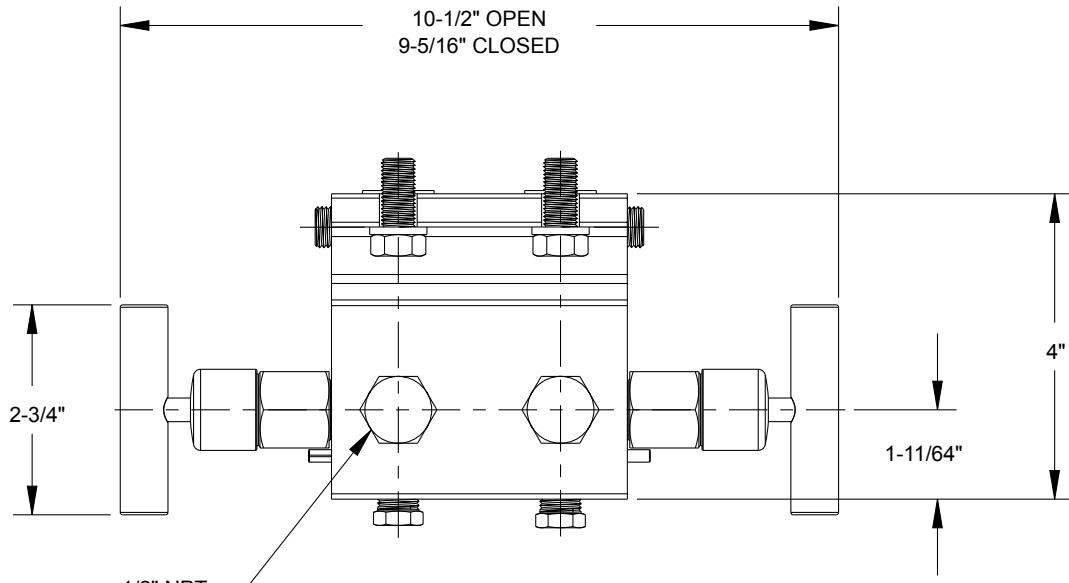


## Dimensions

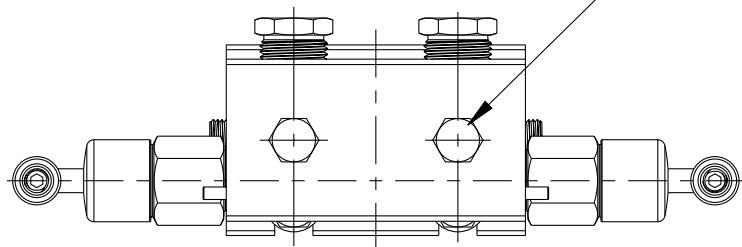
## Flange-Flange



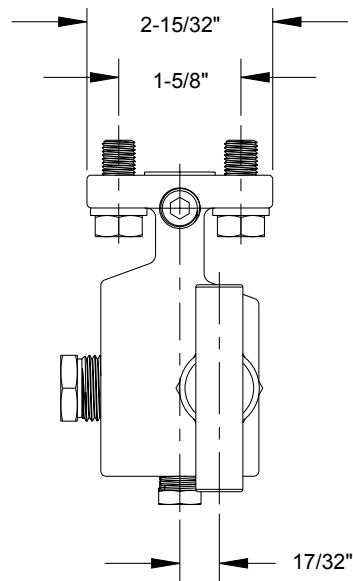
Top View

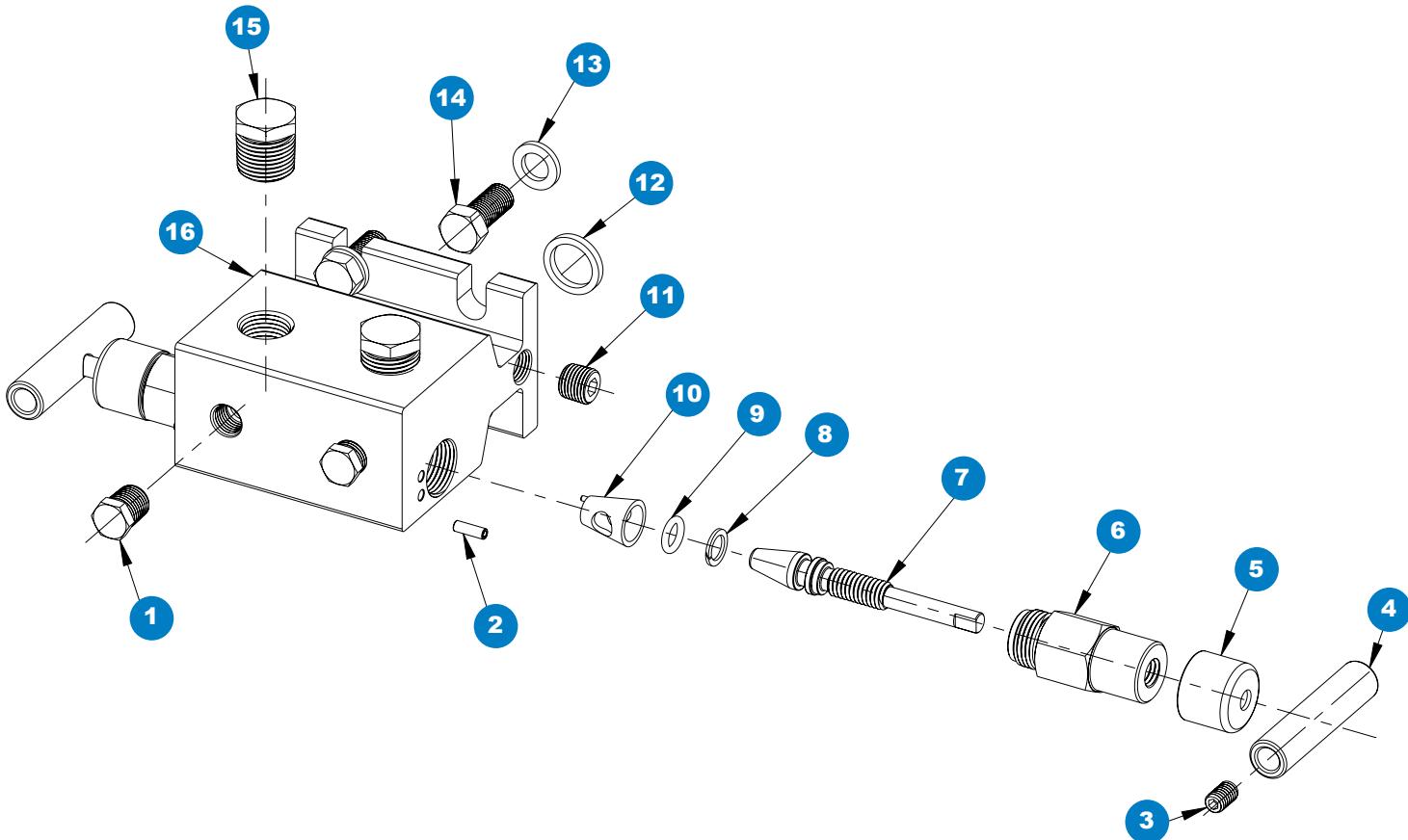


Front View



Side View





1 Plug	11 Plug
2 Slotted spring pin	12 Gasket ring
3 Set screw	13 Flat washer
4 Valve "T" handle	14 Head bolt
5 Blue dust cap	15 Plug
6 Valve bonnet	16 Valve body
7 Non-rotating stem	
8 PTFE back-up ring	
9 FKM o-ring	
10 Acetal seat	