

OUR WIDE RANGE OF

Tiger[®]



Sure Connections for Safety Lines

- ❖ BALL VALVES
- ❖ NEEDLE VALVES
- ❖ MANIFOLD VALVES
- ❖ TUBE FITTINGS
- ❖ PIPE FITTINGS

Swastik
Engineering Works

Company Brief

Swastik Engineering Works are maintaining high quality products with the brand name of **Tiger**® manufacturing various types of instrumentation hardware fittings. With more than three decades experience, we believe in continuously improving our products and services. So that customers requirements for safety and performance are satisfied under the brand name of **Tiger**®.

The reputation we enjoy for the excellence of design, material and workmanship of our product is the result of hard labour and careful study of the exact requirement of the various industries in the class of goods in which we are working. **Tiger**® Valves & Fittings are designed to withstand high-pressure service and are capable to satisfy various stringent tests like Pressure impulse, Vibration test, Vacuum test, Temperature cycle test, make & Remake test etc. as per BS 4368 Part IV at our in house testing facilities. The above tests have been periodically witnessed by various inspection agencies / consultants like, EIL, DNV, LRIS, BVQI, ONGC, BARC, BHEL, TOYO to name few.

In today modern world, applications are wide and that include Nuclear Power Plants, Refineries, Petrochemicals, Fertilizers, Thermal Power stations and may more and to meet their specific requirements, we are always trying to improve quality of the products with quality consciousness. We shall, at all time welcome a suggestion from any customer present or prospective, who could help us in bringing our products to their fullest satisfaction to give **Tiger**® valves the stamp of guarantee. **Tiger**® Fittings and Valves are available in variety of construction material ranging from SS (low carbon also), C.S. Monel, and Brass material are tested at reputed Government approved laboratories confirming to ASTM, ANSI, IS etc. standards.



NON RETURN VALVES

Description

Tiger Brand Non-Return valves are equipped with a unique sealing arrangement that transmits pressure directly to the body and provides zero leakage over a long life operations. Non-Return Valves are suitable for pressure up to 6000 PSI. It prevents backflow of the fluid, thereby protecting the equipments or instruments from getting damaged.

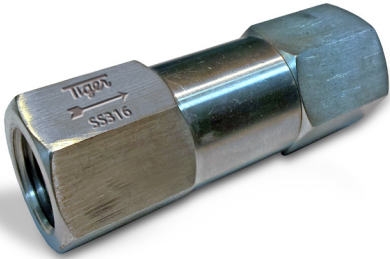
Features

- Available in a variety of end connections.
- It can be easily mounted horizontally or vertically.
- It is used in pump suction and discharge lines.
- PMI (Positive Material Identification) Test available on request.
- Hydraulic Test Pressure: up to 420 Kg/Cm².
- Pneumatic Test Pressure: up to 60 Kg/Cm².
- Standards Followed: MSS-SP-99/ASME B16.11/B1.20.1/ISO 228/BS 4368 Part IV/BS 3799.
- Marking and Identification of Valves as per MSS-SP-25.
- Inlet arrow marked on the valve body.

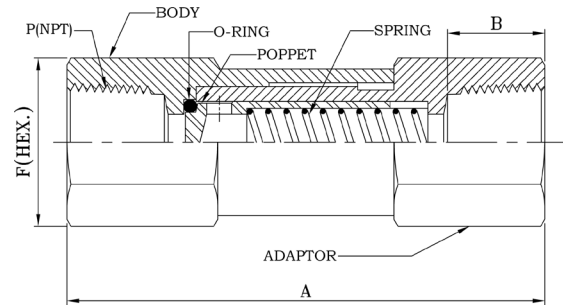
NON RETURN VALVES



Non Return Valve, Threaded, 800#



Product Drawing



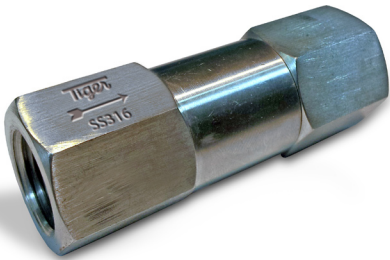
It is used to prevent backflow. *Backflow simply means the flow that has reversed itself within the pipe and begins to flow backwards. It is used for unidirectional flow. (Special requirements available on request)

Product Dimension Table

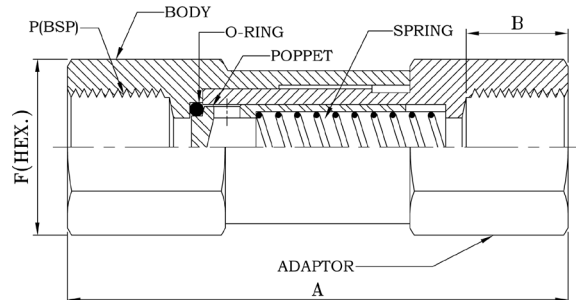
INCH				
Part No.	Size	A	F	B
NRV4N	1 / 4"	76.0	22.0	14.2
NRV6N	3 / 8"	76.0	22.0	14.2
NRV8N	1 / 2"	82.0	28.0	19.0
NRV12N	3 / 4"	92.0	32.0	19.0

DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

Non Return Valve, BSPF, 800#



Product Drawing



It is used to prevent backflow. *Backflow simply means the flow that has reversed itself within the pipe and begins to flow backwards. It is used for unidirectional flow. (Special requirements available on request)

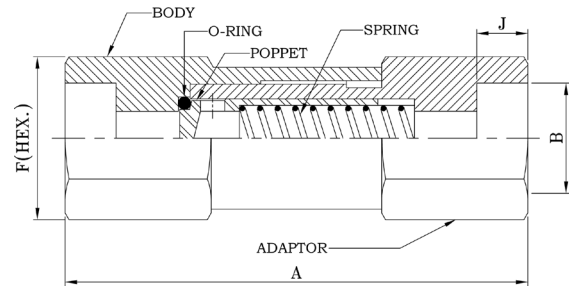
Product Dimension Table

INCH				
Part No.	Size	A	F	B
NRV4B	1 / 4"	76.0	22.0	10.2 / 14.2
NRV6B	3 / 8"	76.0	22.0	10.4 / 14.2
NRV8B	1 / 2"	82.0	28.0	13.6 / 19.0
NRV12B	3 / 4"	92.0	32.0	13.9 / 19.0

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Non Return Valve, NBSW, 800#

Product Drawing



It is used to prevent backflow. *Backflow simply means the flow that has reversed itself within the pipe and begins to flow backwards. It is used for unidirectional flow. (Special requirements available on request)

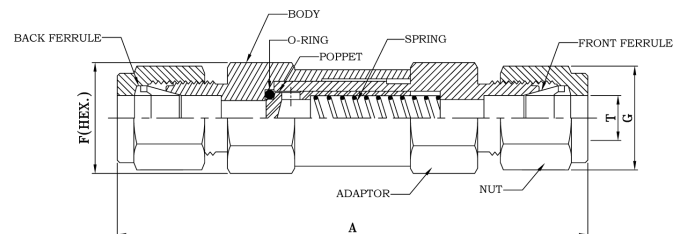
Product Dimension Table

INCH					
Part No.	Size	A	F	J	B
NRV4SW	1 / 4"	76.0	22.0	10.0	14.6
NRV6SW	3 / 8"	76.0	22.0	10.0	18.0
NRV8SW	1 / 2"	82.0	28.0	10.0	22.2
NRV12SW	3 / 4"	92.0	32.0	13.0	27.6

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Non Return Valve, OD Type, 800#

Product Drawing



It is used to prevent backflow. *Backflow simply means the flow that has reversed itself within the pipe and begins to flow backwards. It is used for unidirectional flow. (Special requirements available on request)

Product Dimension Table

INCH					
Part No.	Size	T	A	G	F
NRV4T	1 / 4"	1 / 4"	82.5	22.0	14.2
NRV6T	3 / 8"	3 / 8"	84.0	22.0	19.0
NRV8T	1/2"	1/2"	90.0	22.0	22.2

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