



VALVE AND FLOW CONTROL SPECIALISTS
SERVICE AND RELIABILITY

INLINE NON RETURN - CHECK VALVE

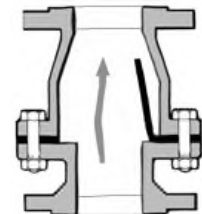
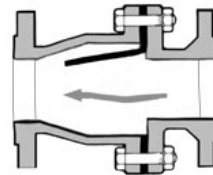
Rubber lined with semi flexible steel reinforced rubber disc

Figure No. VNX-C7

The VNX inline check valve with its steel reinforced flexible rubber coated disc operates as a swing check style valve in horizontal or vertical pipework. The full flow 2 piece body retains the disc giving leak tight operation 0.035 bar back pressure. The seating area is out of the flow path and the rubber coated disc which also seals the 2 body parts and is easily replaced if necessary.



Application in light slurry services and chemical lines. On chemical service ensure the correct elastomer is selected for the application. Standard body lining is HRL also known as Ebonite lined. Standard coated disc is Butyl rubber.



Other options can be Natural rubber, Neoprene or EPDM. Some chemical applications may warrant PTFE/PFA/FEP alternatives.

The only moving part is the flexible coated disc which is available as a VCS spares component.

Standard Materials of Construction		
1	Body	Cast Iron
2	Body Lining	HRL Ebonite Rubber
3	Disc & Encapsulation	Steel plate Butyl Rubber
4	Body Bolts	304 s/s

Standard Size range
 1" (25nb) to 10" (250nb)
 Pressure Rating 7 Bar
 Flanged BS 10
 Drilled AS 2129 Table D

Note this is not the "Saunders NX" check valve. Saunders discontinued the production of their rubber lined check valve some years ago. The "VNX" from VCS is now a unique valve filling the void as a much needed replacement for the old "NX" series valve and applications. The principle of operation is the same as the Saunders that was tried and tested over many years and gives true full unrestricted flows unlike 45 degree disc version alternatives.

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