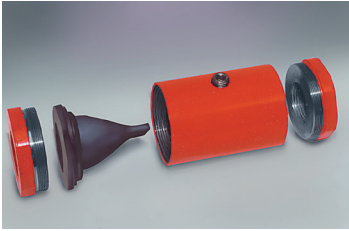


Tideflex® Series 2633 In-Line Check Valve



- Eliminates check valve chatter
- Mounting in any position
- Ideal for pneumatic systems
- Closes on entrapped solids

The Tideflex® Series 2633 In-Line Check Valve is for threaded end pipelines. Simple in design, the Series 2633 consists of a body, two end caps and a molded elastomer check sleeve.

In the open position, the sleeve creates a wide and free passage proportional to the flow in the pipeline. Upon flow reversal, the sleeve closes slowly and completely.

The silent, non-slamming Series 2633 In-Line Check Valve design eliminates water hammer and facilitates low head loss. Containing no levers, balls, floats or springs to corrode, the valve is virtually maintenance-free. The only replacement part is the simple, rugged elastomer check sleeve.

This small and simple in-line check valve is ideal for liquids, gases, powders, slurries and instrument or plant air, as well as in any environment where preventing backflow is required. The Series 2633 is manufactured in sizes 0.5-3" (15-80mm). The check valve is available in a variety of elastomers to match specific service conditions.

Materials of Construction

- **Elastomers:** Natural Rubber (NR), Ethylene Propylene Diene Terpolymer (EPDM)*, Acrylonitrile-Butadiene (NBR), Fluoroelastomer (FKM), Chloroprene (CR), Chlorosulfonated Polyethylene (CSM), Chloro-Isobutylene-Isoprene (CIIR)

*EPDM is NSF/ANSI 61 Certified

- **Body:** 304 Stainless Steel, 316 Stainless Steel or PVC
- **End Connections:** Carbon Steel, 304 Stainless Steel, 316 Stainless Steel or PVC (PVC body and end caps for use on liquid service only)

Series 2633

VALVE SIZE A	DIMENSIONS in/mm			
	LENGTH L	BODY O.D. H	STEEL WEIGHT lbs/kg	MAX. BACKPRESSURE* psi/kPa
0.5" 15mm	4.50 114	2.75 70	3 1	75 520
0.75" 20mm	4.25 108	2.75 70	3 1	75 520
1" 25mm	4.50 114	2.75 70	3 1	75 520
1.5" 40mm	6.50 163	3.75 95	8 4	50 350
2" 50mm	7.50 197	4.00 102	14 6	25 170
3" 80mm	8.50 216	4.00 127	18 8	25 170

