



Over-Flow Detectors Type OVD DN100(4'')-150(6'') PN16-40

Description:

The over-flow detectors - type OVD - are used for detection of excessive flow velocity in pipelines.

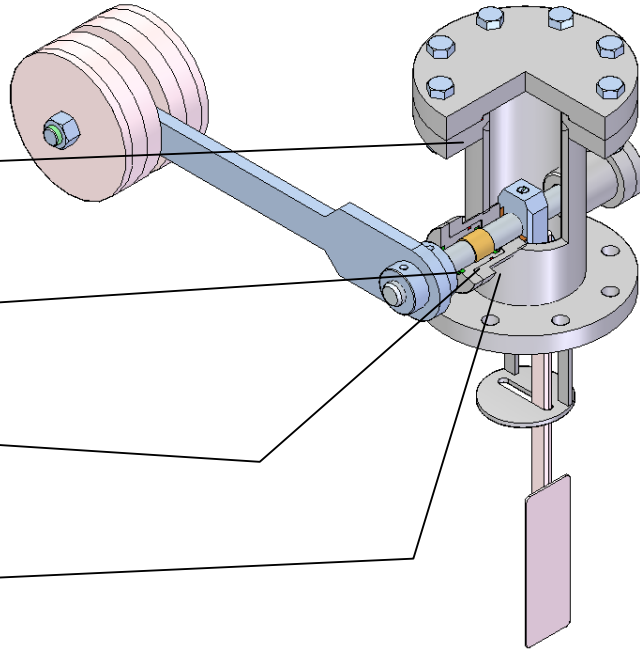
The over-flow detectors are mounted on a nozzle located in the highest point of the pipeline.

These detectors are usually used as elements of larger control systems.

Typical example of an application of the over-flow detectors - type OVD - are the pipe-break systems. These are used in hydropower stations for protecting the penstock and equipment from after-effects of sudden increase in flow due to a pipeline ruptures or a major leak. The increase of the flow velocity, registered by the over-velocity detector, is transmitted (electrically, hydraulically or mechanically) to a control system, which causes an immediate closing of a shut-off valve.

Main materials:

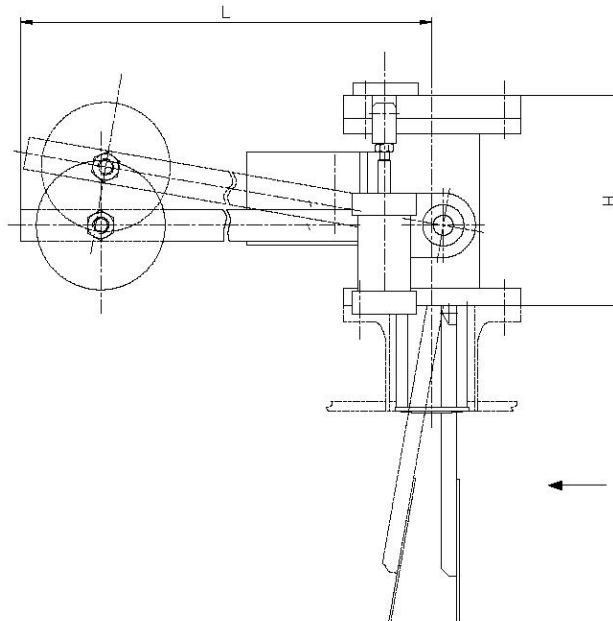
Parts	Type standard
Body	carbon steel
Shaft	stainless steel
Bushings	slide bushings
Seals	Novothan Buna N (rubber)



Other materials are available upon request.

Painting for standard valves- epoxy coating.

General design:





Over-Flow Detectors Type OVD
DN100(4'')-150(6'') PN16-40

Dimensions and weights for standard range of OVD over-flow detectors (other sizes and pressure ratings are available upon request).

DN	PN6			PN10			PN16			PN40		
	H	L	Weight	H	L	Weight	H	L	Weight	H	L	Weight
[mm]	[mm]	[mm]	[kg]	[mm]	[mm]	[kg]	[mm]	[mm]	[kg]	[mm]	[mm]	[kg]
100	160	300	70	160	360	70	200	450	70	250	500	90
150	250	400	90	250	490	90	250	500	90	300	600	120

Flange in accordance with ISO / DIN.

Flanges in accordance with ANSI and MSS available on request.

Dimensions and weights are preliminary only. Final dimensions and weights will be established after detail design of over-flow detector is completed.