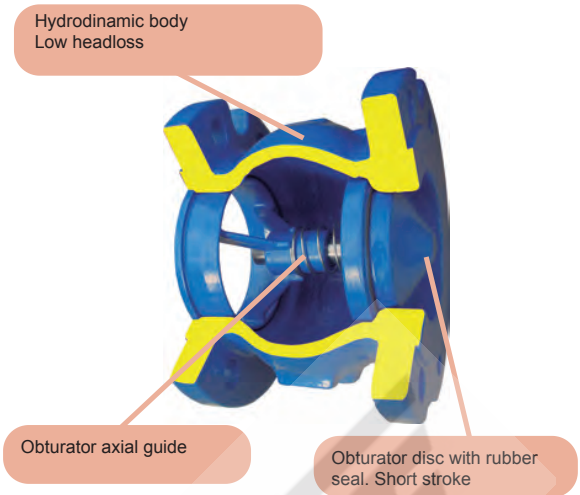


The checkvalves are self-acting devices to prevent backflow in the process. They are dependent on the flow direction and require no external power to be driven.

The Silent Checkvalves VRA have an axial guide and an obturator with elastic seal. Silent checkvalves are particularly low flow resistance. The spring maintains the valve closed until the pressure increase and allowing the flow in the allowed direction.

These valves are very convenient for pumping station. The VRA have low headloss, the closing reaction is fast thanks to the small stroke and obturator inertia.

They can be installed in any position.

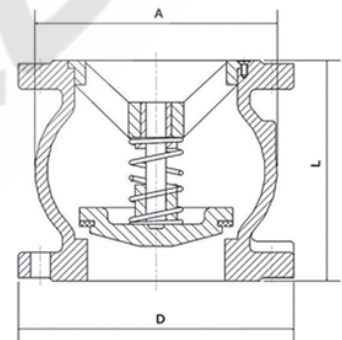


Main Parts and Materials

Part	Material	EN	Option
Body	Ductile iron	EN-GS400-15(1)	St. Steel, Duplex, Superduplex
Disc*	Ductile iron	EN-GS400-15	St. Steel, Duplex, Superduplex
Disc seal*	EPDM		NBR, Viton
Spring*	St. Steel	AISI-302	AISI-316, Inconel
Shaft bush	Bronze	RG-5	St. Steel, Duplex, Superduplex
Shaft	St. Steel	AISI-304	Alu-bronze, AISI-316, Duplex
Guide	Ductile iron	EN-GS400-15	St. Steel, Duplex, Superduplex

Main Valve Dimensions (mm)

DN	50	65	80	100	125	150	200	250	300	350	400	500
L	100	120	140	165	195	230	290	355	400	480	550	680
A	104	127	157	180	215	250	335	410	486	550	620	780
D	EN1092-2 PN16 Flanges	165	185	200	220	250	285	340	405	460	520	580
	EN1092-2 PN25 Flanges	165	185	200	235	270	300	375	425	485	555	620
	ANSI 125# Flanges	152	178	191	229	254	279	343	406	483		
	ANSI 250# Flanges	165	191	210	254	279	318	381	445	521		



Working Conditions

EPDM -10° C ...+ 120° C , NBR -10° C...+80° C

Main Duties

Pumping stations, Water Systems
 Drink water, hot water, sea water (optional materials)

Characteristics

- Hydrodynamic shape
- Low headloss
- Axial guidance
- Good behaviour against water hammer
- Silent function
- Works in any position
- Other models with higher DN and PN

Options

- Available other DN; PN and materials
- Available Wafer type

Other Models

Available other models type nozzle.
 Less headloss, low maintenance
 DN15 DN200 PN10 - PN400

