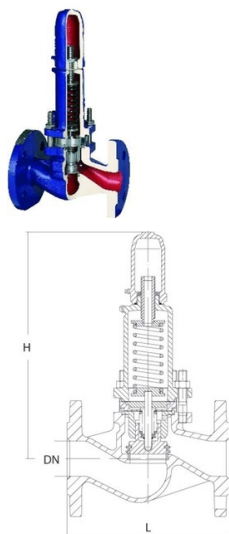


ARI Overflow valve Type 1911 series 22.753 ductile cast iron flange



Characteristics

Series: 22.753

Type: 1911

Construction type: Straight

Housing material inlet side: Ductile cast iron

Material quality inlet side: EN-JS1049

Housing material outlet side: Ductile cast iron

Material quality outlet side: EN-JS1049

Connection inlet side: Flange

Connection outlet side: Flange

Pressure rating outlet side: PN16

Material spring bonnet: EN-JS1049

Material disc: 1.4021+QT

Seat material: 1.4021+QT

Spring material: Spring steel

Spindle material: 1.4571

Application

- As a bypass via a pump

Technical Information

- The overflow in Fig. 1911 is an automatic, spring-loaded device that gradually opens as the differential pressure increases from a value to be set. The valve guide provides additional support for the spindle, ensuring continuous, stable operation. In addition, the stainless steel bellows ensure a complete seal between the housing and the spring cap. The unit must be controlled on site; the overflow can be optionally equipped with a handwheel, so that adjustment is possible even without removing the spindle cover. A commonly used application of Fig. 1911 is as a bypass via a pump where the overflow valve provides both a limitation of the pressure to be applied to the process and a minimum flow through the pump. This significantly reduces the risk of cavitation in the pump and therefore also the maintenance costs.

Options

- Right-angled model.
- Handwheel for adjusting without removing the spindle cover.
- Housing made of steel or stainless steel.

Nominal inner diameter inlet side	Pressure rating inlet side	Nominal inner diameter outlet side	Adjustment range	Valve bore	Kvs value	Sealing	Bellows seal	Article
			bar	mm	m ³ /h			
DN15	PN16	DN15	0.5 / 1.5	21	2	Metal	Yes	13632714
DN15	PN16	DN15	4 / 10	21	2	Metal	Yes	13632717
DN15	PN16	DN15	2 / 5	21	2	Metal	Yes	13632716
DN15	PN16	DN15	1 / 3	21	2	Metal	Yes	13632715
DN20	PN16	DN20	1 / 3	21	2.5	Metal	Yes	13632719
DN20	PN16	DN20	2 / 5	21	2.5	Metal	Yes	13632720
DN20	PN16	DN20	4 / 10	21	2.5	Metal	Yes	13632721
DN20	PN16	DN20	0.5 / 1.5	21	2.5	Metal	Yes	13632718
DN25	PN16	DN25	4 / 10	27	3	Metal	Yes	13632725
DN25	PN16	DN25	0.5 / 1.5	27	3	Metal	Yes	13632722
DN25	PN16	DN25	1 / 3	27	3	Metal	Yes	13632723
DN25	PN16	DN25	2 / 5	27	3	Metal	Yes	13632724
DN32	PN16	DN32	1 / 3	31	5	Metal	Yes	13632727
DN32	PN16	DN32	2 / 5	31	5	Metal	Yes	13632728
DN32	PN16	DN32	0.5 / 1.5	31	5	Metal	Yes	13632726
DN32	PN16	DN32	4 / 10	31	5	Metal	Yes	13632729
DN40	PN16	DN40	4 / 10	41	10	Metal	Yes	13632733
DN40	PN16	DN40	1 / 3	41	10	Metal	Yes	13632731
DN40	PN16	DN40	2 / 5	41	10	Metal	Yes	13632732

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Nominal inner diameter inlet side	Pressure rating inlet side	Nominal inner diameter outlet side	Adjustment range	Valve bore	Kvs value	Sealing	Bellows seal	Article
			bar	mm	m ³ /h			
DN40	PN16	DN40	0.5 / 1.5	41	10	Metal	Yes	13632730
DN50	PN16	DN50	1 / 3	51	20	Metal	Yes	13632735
DN50	PN16	DN50	2 / 5	51	20	Metal	Yes	13632736
DN50	PN16	DN50	4 / 10	51	20	Metal	Yes	13632737
DN50	PN16	DN50	0.5 / 1.5	51	20	Metal	Yes	13632734
DN65	PN16	DN65	0.5 / 1.5	66	22	Metal	Yes	13632738
DN65	PN16	DN65	4 / 10	66	22	Metal	Yes	13632741
DN65	PN16	DN65	2 / 5	66	22	Metal	Yes	13632740
DN65	PN16	DN65	1 / 3	66	22	Metal	Yes	13632739
DN80	PN16	DN80	1 / 3	81	29	Metal	Yes	13632743
DN80	PN16	DN80	2 / 5	81	29	Metal	Yes	13632744
DN80	PN16	DN80	4 / 10	81	29	Metal	Yes	13632745
DN80	PN16	DN80	0.5 / 1.5	81	29	Metal	Yes	13632742
DN100	PN16	DN100	1 / 3	101	45	Metal	Yes	13632748
DN100	PN16	DN100	0.5 / 1.5	101	45	Metal	Yes	13632747
DN100	PN16	DN100	4 / 10	101	45	Metal	Yes	13632746
DN100	PN16	DN100	2 / 5	101	45	Metal	Yes	13632749

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