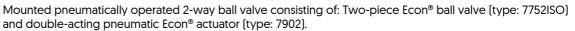


ECON® Ball valve Type: 7752ED Stainless steel Pneumatic operated Double acting Internal thread (BSPP) 1000 PSI WOG











FRIKS BV

The pneumatically operated 2-way ball valve is configured according to the following basic principles: Pneumatic pilot pressure at 6 bar, medium is water, medium temperature is max. 100°C, ball valve is actuated at least a few times daily, actuator structure according to Eriks standard.

Characteristics

Type: 7752ED **Norm:** EN (DIN)

Construction type: 2-way
Housing construction: 2-part
Housing material: Stainless steel

Material quality: 1.4408

Connection: Internal thread (BSPP)
Actuator: Pneumatic operated
Operating principle: Double acting
Primary spindle seal material: PTFE

Secondary spindle seal material: FPM (FKM)

Tertiary spindle seal material: PTFE

Body seal: PTFE

Actuator material: Aluminium

Application

 Compressed air, central heating systems, water, fuel and slightly corrosive systems up to a maximum of 68 bar.

Technical Information

- Connection according to ISO 228-1 BSPP.
- Pressure class 1000 PSI WOG
- In sizes 0.25-3 inches
- Actuator with multifunctional position indicator, suitable for mechanical limit switches or double proximity sensors.
- Air supply and upper flanged connection of drive in accordance with NAMUR VDI/VDE 3845.

Construction

- Two-piece housing construction.
- Design in accordance with EN 12516-2.
- Full bore
- Equipped with anti-static design between ball, spindle and housing.

Approval

- TA Luft certified in accordance with VDI 2440, section 3.3.1.3.
- Declaration of conformity according to EC 1935/2004.

Options

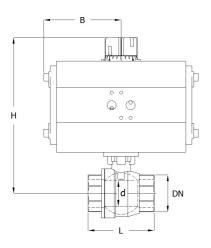
- With single acting pneumatic drive, type 7752ES
- End of service life signalling through switch box or double sensor, type 79650 to 79659
- Positioner, type 3304
- Namur control valve, type 33580
- Stainless-steel extended spindle for insulation (type 8007)
- Connection in NPT according to ASME B1.20.1.

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Ball Valves | Automated ball valves with threaded connection



Size table:

DN	d	L	Н	H B	
	mm	mm	mm	mm	kg
1/4" [8]	10.6	64	118	50	1
3/8" (10)	12.7	64	118	50	1
1/2" (15)	15	64	118	50	1.1
3/4" [20]	20	70	145	72.5	2
1" (25)	25	85	154	72.5	2.4
1.1/4" (32)	32	94	178	78	3.5
1.1/2" [40]	38	105	187	78	4.3
2" (50)	50	125	215	88.5	3.9
2.1/2" [65]	63.5	155	237	88.5	9.5
3" (80)	76	173	274	112.5	14.8

Nominal inner diameter	Standard thread connection	Pressure rating	Face to Face norm	Type coding actuator	Brand actuator	Bore	Material ball	Seat material	Spindle material	Article
1/4" [8]	ISO 228-1	1000 PSI WOG	Manufacturer standard	DA10	ECON	Full bore	1.4408	PTFE	1.4401	13509840
3/8" [10]		1000 PSI WOG	Staridard		ECON	Full bore	1.4408	PTFE	1.4401	13509841
1/2" (15)		1000 PSI WOG	staridard		ECON	Full bore	1.4408	PTFE	1.4401	13509842
3/4" (20)	ISO 228-1	1000 PSI WOG	Manufacturer standard	DA20	ECON	Full bore	1.4408	PTFE	1.4401	13509873
1" (25)		1000 PSI WOG	Staridard		ECON	Full bore	1.4408	PTFE	1.4401	13509874
1.1/4" (32)	ISO 228-1	1000 PSI WOG	Manufacturer standard	DA40	ECON	Full bore	1.4408	PTFE	1.4401	13509875
1.1/2" [40]		1000 PSI WOG	Staridard		ECON	Full bore	1.4408	PTFE	1.4401	13509876
2" (50)		1000 PSI WOG	Juliaula		ECON	Full bore	1.4408	PTFE	1.4401	13509877
2.1/2" [65]		1000 PSI WOG	Staridard		ECON	Full bore	1.4408	PTFE	1.4401	13509878
3" (80)	ISO 228-1	1000 PSI WOG	Manufacturer standard	DA200	ECON	Full bore	1.4408	PTFE	1.4401	13509879

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