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

Mounted pneumatically operated 2-way ball valve consisting of: Two-piece Econ® ball valve (type: 7752ISO) and double-acting pneumatic Econ® actuator (type: 7902).

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 (NPT)
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 ASME B1.20.1 NPT.
- 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 according to ISO 228-1 BSPP.

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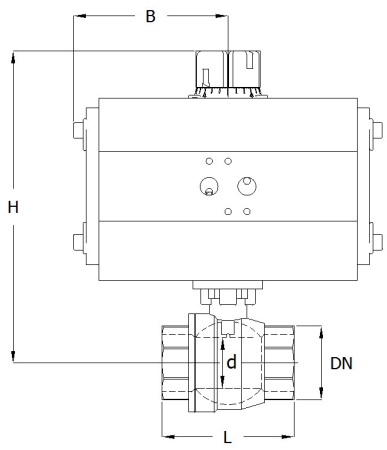

Size table:

DN	d	L	H	B	Weight
	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	14288147
3/8" [10]	ISO 228-1	1000 PSI WOG	Manufacturer standard	DA10	ECON	Full bore	1.4408	PTFE	1.4401	14288148
1/2" [15]	ISO 228-1	1000 PSI WOG	Manufacturer standard	DA10	ECON	Full bore	1.4408	PTFE	1.4401	14288149
3/4" [20]	ISO 228-1	1000 PSI WOG	Manufacturer standard	DA20	ECON	Full bore	1.4408	PTFE	1.4401	14288150
1" [25]	ISO 228-1	1000 PSI WOG	Manufacturer standard	DA20	ECON	Full bore	1.4408	PTFE	1.4401	14288151
1.1/4" [32]	ISO 228-1	1000 PSI WOG	Manufacturer standard	DA40	ECON	Full bore	1.4408	PTFE	1.4401	14288152
1.1/2" [40]	ISO 228-1	1000 PSI WOG	Manufacturer standard	DA40	ECON	Full bore	1.4408	PTFE	1.4401	14288153
2" [50]	ISO 228-1	1000 PSI WOG	Manufacturer standard	DA80	ECON	Full bore	1.4408	PTFE	1.4401	14288154
2.1/2" [65]	ISO 228-1	1000 PSI WOG	Manufacturer standard	DA80	ECON	Full bore	1.4408	PTFE	1.4401	14288155
3" [80]	ISO 228-1	1000 PSI WOG	Manufacturer standard	DA200	ECON	Full bore	1.4408	PTFE	1.4401	14288156

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