



JC Ball valve Series: 512HIT Type: 3190 Cast iron Pneumatic operated Single acting, spring closing Flange PN16

Mounted, pneumatically operated 2-way ball valve, consisting of: Two-piece JC ball valve [type: 3190] and single-acting pneumatic AMG actuator [type: 7971].

The pneumatically operated 2-way ball valve is configured on the basis of the following setup: 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

Series: 512HIT

Type: 3190

Norm: EN (DIN)

Construction type: 2-way

Housing construction: 2-part

Housing material: Cast iron

Material quality: EN-JL1040

Connection: Flange

Actuator: Pneumatic operated

Operating principle: Single acting, spring closing

Top flange standard: Manufacturer standard

Tertiary spindle seal material: PTFE

Body seal: PTFE

Actuator material: Aluminum anodized

Minimum medium temperature (continuous): -10 °C

Application

- Air con technology and general industrial applications up to 16 bar.
- Recommended in: Chemical

Technical Information

- Flanged connection in accordance with EN 1092-1.
- Floating ball.
- Pressure class PN16.
- With upper flange.
- Media temperature: -10/+230°C.
- DN15 to DN200 with handle.
- The actuator can be fitted with a multifunctional position indicator suitable for mechanical limit switches or double proximity sensors.
- Air supply and upper flanged connection of actuator in accordance with NAMUR VDI/VDE 3845.

Construction

- Two-piece housing construction.
- Design in accordance with EN 12516 and EN 1983.
- Full flow capacity.
- Equipped with antistatic design between ball and housing.
- Construction length in accordance with EN 558, series 27.

Options

- Equipped with a pneumatic double-acting [or single-acting] actuator.
- Position feedback.

Nominal inner diameter	Pressure rating	Face to Face norm	Type coding actuator	Brand actuator	Bore	Material ball	Seat material	Spindle material	Primary spindle seal material	Article
DN15	PN16	EN 558, Series 27	SAF10	AMG	Full bore	1.4028	PTFE	1.4305	RPTFE	10054586
DN20	PN16	EN 558, Series 27	SAF15	AMG	Full bore	1.4028	PTFE	1.4305	RPTFE	10054587
DN25	PN16	EN 558, Series 27	SAF15	AMG	Full bore	1.4028	PTFE	1.4305	RPTFE	10054588
DN32	PN16	EN 558, Series 27	SAF15	AMG	Full bore	1.4028	PTFE	1.4305	RPTFE	10054589
DN40	PN16	EN 558, Series 27	SAF20	AMG	Full bore	1.4028	PTFE	1.4305	RPTFE	10054590
DN50	PN16	EN 558, Series 27	SAF25	AMG	Full bore	1.4028	PTFE	1.4305	RPTFE	10054591
DN65	PN16	EN 558, Series 27	SAF30	AMG	Full bore	1.4028	PTFE	1.4305	RPTFE	10054592

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Ball Valves | Automated ball valves with flange connection

Nominal inner diameter	Pressure rating	Face to Face norm	Type coding actuator	Brand actuator	Bore	Material ball	Seat material	Spindle material	Primary spindle seal material	Article
DN80	PN16	EN 558, Series 27	SAF30	AMG	Full bore	1.4028	PTFE	1.4305	RPTFE	10054593
DN100	PN16	EN 558, Series 27	SAF33	AMG	Full bore	1.4028	PTFE	1.4305	RPTFE	10054594
DN125	PN16	EN 558, Series 27	SAF35	AMG	Full bore	1.4028	PTFE	1.4305	RPTFE	10054595
DN150	PN16	EN 558, Series 27	SAF40	AMG	Full bore	1.4028	PTFE	1.4305	RPTFE	10054596
DN200	PN16	EN 558, Series 27	SAF42	AMG	Full bore	1.4028	PTFE	1.4305	RPTFE	10054597

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