



JC 3-Way ball valve Series: 916AIT Type: 3504 Steel Flange PN16

Characteristics

Series: 916AIT
Type: 3504
Norm: EN (DIN)
Construction type: 3-way
Housing material: Steel
Material quality: 1.0619
Surface protection: Epoxy coating (external)
Connection: Flange
Tertiary spindle seal material: Graphite
Actuator material: ASTM A216 WCB
Minimum medium temperature (continuous): -29 °C
Maximum medium temperature (continuous): 230 °C

Application

- Heavy-duty industrial applications up to 16bar.
- Liquid and gaseous media.
- Recommended in: Chemical

Technical Information

- Flanged connection in accordance with EN 1092-1.
- Designed with L or T bore.
- Pressure class PN16.
- With top-flange in accordance with ISO 5211.
- Media temperature: -29/+230°C.
- DN25 to DN150 with handle.
- The 3-way ball valve (floating ball) is intended to be used as a distribution valve. Pressure on the "closed" outlet may lead to leakages at the other outlets (medium).

Construction

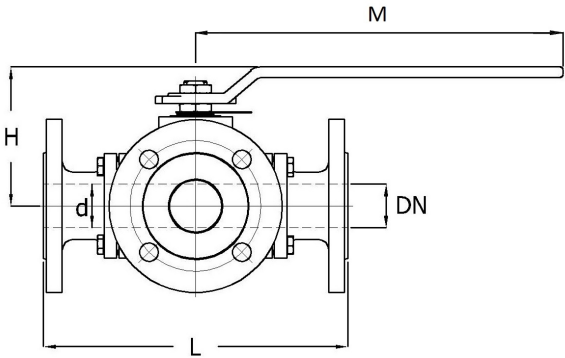
- Design in accordance with EN 12516 and EN 1983.
- Full flow capacity.
- Equipped with antistatic design between ball and housing.
- All wet parts comply with NACE MR 0175/ISO 15156 & AMP, NACE MR 0103/ISO 17945.

Approval

- Safety integrity level (SIL) LEVEL 3 IEC 61508.

Options

- Equipped with worm gearbox and pneumatic, electric or hydraulic actuators.
- Position feedback for manual or automated valves.
- Stainless steel extended spindle type: 3222 for insulation.
- Available in class 150 (series 915).
- Also available as a four-way ball valve.



Size table:

DN	d mm	L mm	H mm	M mm	Weight kg
DN25	25	212	96	170	8
DN40	40	262	121	200	17
DN50	50	290	134	350	25
DN65	65	325	180	350	34
DN80	80	370	200	465	51
DN100	100	430	240	475	77
DN150	150	500	280	855	138

Nominal inner diameter	Pressure rating	Manual operation	Mounting flange	Ball bore	Bore	Material ball	Seat material	Spindle material	Primary spindle seal material	Article
DN25	PN16	Handle	F05	L-bore	Full bore	Stainless steel	PTFE	ASTM A479 316	RPTFE	11362134
DN25	PN16	Handle	F05	T-bore	Full bore	Stainless steel	PTFE	ASTM A479 316	RPTFE	12737190
DN40	PN16	Handle	F07	L-bore	Full bore	Stainless steel	PTFE	ASTM A479 316	RPTFE	12453675
DN40	PN16	Handle	F07	T-bore	Full bore	Stainless steel	PTFE	ASTM A479 316	RPTFE	12160865
DN50	PN16	Handle	F07	L-bore	Full bore	Stainless steel	PTFE	ASTM A479 316	RPTFE	11224793
DN50	PN16	Handle	F07	T-bore	Full bore	Stainless steel	PTFE	ASTM A479 316	RPTFE	11210104
DN65	PN16	Handle	F10	T-bore	Full bore	Stainless steel	PTFE	ASTM A479 316	RPTFE	12746057
DN65	PN16	Handle	F10	L-bore	Full bore	Stainless steel	PTFE	ASTM A479 316	RPTFE	12746055
DN80	PN16	Handle	F10	T-bore	Full bore	Stainless steel	PTFE	ASTM A479 316	RPTFE	11010619
DN80	PN16	Handle	F10	L-bore	Full bore	Stainless steel	PTFE	ASTM A479 316	RPTFE	11092326
DN100	PN16	Handle	F12	T-bore	Full bore	Stainless steel	PTFE	ASTM A479 316	RPTFE	11010621
DN100	PN16	Handle	F12	L-bore	Full bore	Stainless steel	PTFE	ASTM A479 316	RPTFE	12737191
DN150	PN16	Handle	F14	T-bore	Full bore	Stainless steel	PTFE	ASTM A479 316	RPTFE	12746058
DN150	PN16	Handle	F14	L-bore	Full bore	Stainless steel	PTFE	ASTM A479 316	RPTFE	12746056

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