



JC Ball valve Series: 512HIT Type: 3190 Cast iron Flange PN16

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
Top flange standard: Manufacturer standard
Tertiary spindle seal material: PTFE
Actuator material: EN-JS1030
Minimum medium temperature (continuous): -10 °C
Maximum medium temperature (continuous): 230 °C

Application

- Air con technology and general industrial applications up to 16bar.
- 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.

Construction

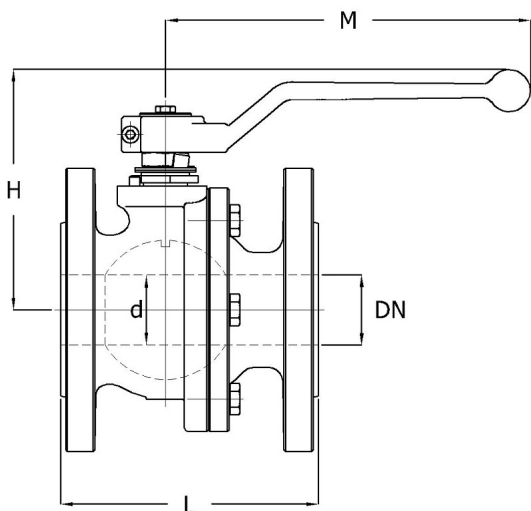
- Two-piece housing construction.
- Design in accordance with EN 12516 and EN 1983.
- Full flow capacity.
- Equipped with antistatic design between ball and housing.
- Construction length in accordance with EN 558, series 27.

Options

- Equipped with worm gear, compressed air or electric actuators. Position feedback to automated valves.

Size table:

DN	d mm	L mm	H mm	M mm	Weight kg
DN15	15	115	99	164	2.4
DN20	20	120	102	164	3.2
DN25	25	125	106	164	3.9
DN32	32	130	117	210	6.3
DN40	40	140	133	213	8
DN50	50	150	141	213	10.7
DN65	65	170	152	348	15.4
DN80	80	180	189	445	20.2
DN100	100	190	220	495	25.8
DN125	125	325	254	698	49.5
DN150	150	350	281	698	74.1



Pressure and temperature range

Size	Pressure rating	Temperature range	-29	38	100	150	200	230	[°C]
DN15 - DN200	PN16	-29°/+230°C	15.5	15	13.5	12.5	11.5	0	[bar]

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Nominal inner diameter	Pressure rating	Face to Face norm	Manual operation	Bore	Material ball	Seat material	Spindle material	Primary spindle seal material	Body seal	Article
DN15	PN16	EN 558, Series 27	Handle	Full bore	1.4006	PTFE	1.4305	RPTFE	PTFE	10054173
DN20	PN16	EN 558, Series 27	Handle	Full bore	1.4006	PTFE	1.4305	RPTFE	PTFE	10054174
DN25	PN16	EN 558, Series 27	Handle	Full bore	1.4006	PTFE	1.4305	RPTFE	PTFE	10054175
DN32	PN16	EN 558, Series 27	Handle	Full bore	1.4006	PTFE	1.4305	RPTFE	PTFE	10054176
DN40	PN16	EN 558, Series 27	Handle	Full bore	1.4006	PTFE	1.4305	RPTFE	PTFE	10054177
DN50	PN16	EN 558, Series 27	Handle	Full bore	1.4006	PTFE	1.4305	RPTFE	PTFE	10054178
DN65	PN16	EN 558, Series 27	Handle	Full bore	1.4006	PTFE	1.4305	RPTFE	PTFE	10054179
DN80	PN16	EN 558, Series 27	Handle	Full bore	1.4006	PTFE	1.4305	RPTFE	PTFE	10054180
DN100	PN16	EN 558, Series 27	Handle	Full bore	1.4006	PTFE	1.4305	RPTFE	PTFE	10054181
DN125	PN16	EN 558, Series 27	Handle	Full bore	1.4006	PTFE	1.4305	RPTFE	PTFE	10054182
DN150	PN16	EN 558, Series 27	Handle	Full bore	1.4006	PTFE	1.4305	RPTFE	PTFE	10054183

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