



JC Ball valve Series: 530LIT Type: 3195 Steel Fire safe Flange Class 300

Characteristics

Series: 530LIT
Type: 3195
Norm: ASME
Construction type: 2-way
Housing construction: 2-part
Housing material: Steel
Material quality: ASTM A352 LCC
Connection: Flange
Top flange standard: ISO 5211
Secondary spindle seal material: FPM (FKM)
Actuator material: ASTM A216 WCB
Minimum medium temperature (continuous): -46 °C
Fire safe: Yes

Application

- Heavy-duty industrial applications up to 50bar.
- Recommended in: Chemical

Technical Information

- Flanged connection in accordance with ASME B16.5 RF.
- 1/2-inch to 6-inch versions with floating ball, 8-inch and 10-inch versions with support ball.
- ASME pressure rating: class 300.
- With top-flange in accordance with ISO 5211.
- Media temperature: -46/+230°C.
- 1/2-inch to 6-inch versions with handle.
- 8-inch and 10-inch versions with worm gearbox.

Construction

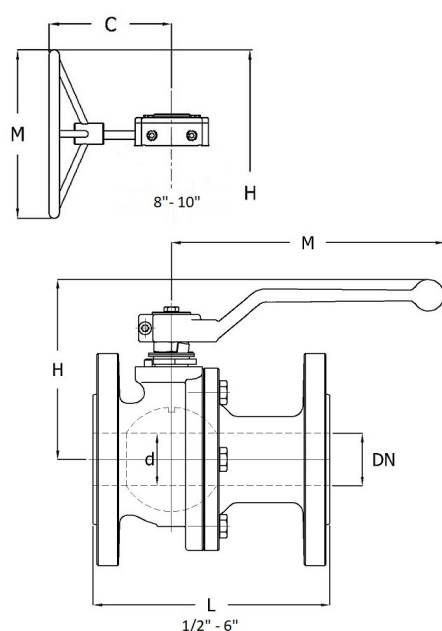
- Two-piece housing construction.
- Design in accordance with API 6D and ASME B16.34.
- Full flow capacity.
- Equipped with antistatic design between ball and housing.
- According to NACE MR0175/ISO 15156 & AMP, NACE MR0103/ISO 17945.
- Construction length according to ASME B16.10: long pattern.

Approval

- Fire-safe certified in accordance with ISO 10497, API 6FA and API 607.
- Fugitive emissions certified according to TA Luft.
- Fugitive emissions certified in accordance with ISO 15848-1 (VDI 2440), class B, and optionally according to ISO 15848-1, class A, with double spindle seal.
- Safety integrity level IEC 61508 SIL3.

Options

- Equipped with worm gearbox and pneumatic, electric or hydraulic actuators.
- Position feedback for manual or automated valves.
- Pressure-relief seats or a pressure-relief hole in the ball.
- Dead space – free seats.
- Stainless-steel extended spindle for insulation (type 3222).
- Handle with lock.
- Other seat materials.



Size table:

DN	d mm	L mm	H mm	M mm	Weight kg
1/2" [15]	15	140	111	164	3
3/4" [20]	20	152	118	164	4
1" [25]	25	165	130	164	5
1.1/2" [40]	40	190	148	213	11
2" [50]	50	216	155	213	14
3" [80]	80	283	207	445	32
4" [100]	100	305	232	495	52
6" [150]	151	403	298	698	94

Pressure and temperature range								
Size	Temperature range	-46	38	100	150	200	230	[°C]
1/2" - 4"	-46°/+230°C	51.7	51.7	51.5	30	12.0	0	[bar]
6"	-46°/+230°C	51.7	51.7	51.5	30	10.0	0	[bar]
8" - 10"	-46°/+230°C	51.7	51.7	51.5	30	12	0	[bar]

Nominal inner diameter	Pressure rating	Manual operation	Mounting flange	Bore	Material ball	Seat material	Spindle material	Primary spindle seal material	Maximum medium temperature (continuous) °C	Article
1/2" [15]	Class 300	Handle	F05	Full bore	Stainless steel	PTFE	Stainless steel	PTFE		11096484
3/4" [20]	Class 300	Handle	F05	Full bore	Stainless steel	PTFE	Stainless steel	PTFE	230	11096487
1" [25]	Class 300	Handle	F05	Full bore	Stainless steel	PTFE	Stainless steel	PTFE	230	11096489
1.1/2" [40]	Class 300	Handle	F07	Full bore	Stainless steel	PTFE	Stainless steel	PTFE	230	11096491
2" [50]	Class 300	Handle	F07	Full bore	Stainless steel	PTFE	Stainless steel	PTFE	230	11096495
3" [80]	Class 300	Handle	F10	Full bore	Stainless steel	PTFE	Stainless steel	PTFE	230	11096496
4" [100]	Class 300	Handle	F10	Full bore	Stainless steel	PTFE	Stainless steel	PTFE	230	11385776
6" [150]	Class 300	Handle	F12	Full bore	Stainless steel	PTFE	Stainless steel	PTFE	230	11385790

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