

## BAC Ball valve Series: PQRI Type: 7371 Stainless steel Fire safe Flange Class 300



### Characteristics

**Series:** PQRI

**Type:** 7371

**Norm:** ASME

**Construction type:** 2-way

**Housing construction:** 1-part

**Housing material:** Stainless steel

**Material quality:** ASTM A351 CF8M

**Connection:** Flange

**Flange finish:** Raised face - 125/250AARH

**Top flange standard:** ISO 5211

**Primary spindle seal material:** PTFE

**Secondary spindle seal material:** FPM (FKM)/PTFE

**Tertiary spindle seal material:** Graphite

**Body seal:** PTFE/Graphite

**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.
- Floating ball.
- ASME pressure rating: class 300.
- With top-flange in accordance with ISO 5211.
- Media temperature:  $-30/+230^{\circ}\text{C}$ .
- 1/2-inch to 2-inch versions with handle.
- 3" to 10" versions with T-handle.

### Construction

- One-piece housing construction.
- Design in accordance with EN 17292.
- Reduced flow capacity.
- Equipped with antistatic design between ball and housing.
- In accordance with NACE MR0103.
- Construction length in accordance with ASME B16.10.

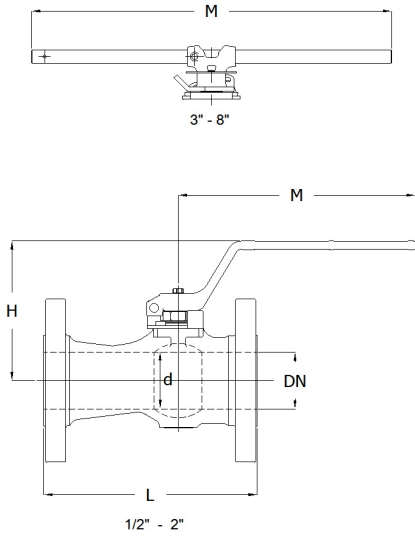
### Approval

- Fire-safe certified in accordance with ISO 10497 and API 607.
- Fugitive emissions certified according to TA Luft.
- Fugitive emissions certified in accordance with ISO 15848-1, class BH.
- Safety integrity level IEC 61508 SIL3.

### Options

- Equipped with worm gearbox and pneumatic, electric or hydraulic actuators.
- Position feedback for manual or automated valves.
- Stainless-steel extended spindle for insulation (type 7399).
- Other seat materials.

Size table:



DN	d	L	H	M	Weight
	mm	mm	mm	mm	kg
1/2" [15]	11	140	102	180	2
3/4" [20]	14	152	108	180	3.3
1" [25]	19	165	115	180	4.3
1.1/2" [40]	30	190	135	240	9
2" [50]	38	216	142	240	11
3" [80]	62	282	170	600	25.7
4" [100]	76	305	200	350	43.3
6" [150]	100	403	218	600	76.8
8" [200]	144	502	270	750	132.8

Size	Pressure rating	Pressure and temperature range						[°C]
		-30	38	93	149	204	230	
1/2" - 2"	Class 300	50	50	43	34	12	0	[bar]
3" - 8"	Class 300	50	50	35	26	8	0	[bar]

Nominal inner diameter	Pressure rating	Face to Face norm	Manual operation	Mounting flange	Bore	Material ball	Seat material	Spindle material	Actuator material	Article
1/2" [15]	Class 300	ASME B16.10, T2, Serie 8	Handle	F03	Reduced bore	ASTM A351 CF8M	TFM 1600	ASTM A479 316	1.4301	12725821
3/4" [20]	Class 300	ASME B16.10, T2, Serie 8	Handle	F03	Reduced bore	ASTM A351 CF8M	TFM 1600	ASTM A479 316	1.4301	11814369
1" [25]	Class 300	ASME B16.10, T2, Serie 8	Handle	F03	Reduced bore	ASTM A351 CF8M	TFM 1600	ASTM A479 316	1.4301	11814363
1.1/2" [40]	Class 300	ASME B16.10, T2, Serie 8	Handle	F05	Reduced bore	ASTM A351 CF8M	TFM 1600	ASTM A479 316	1.4301	11814370
2" [50]	Class 300	ASME B16.10, T2, Serie 8	Handle	F05	Reduced bore	ASTM A351 CF8M	TFM 1600	ASTM A479 316	1.4301	11814364
3" [80]	Class 300	ASME B16.10, T2, Serie 8	T-wrench	F07	Reduced bore	ASTM A351 CF8M	TFM 1600	ASTM A479 316	Steel, galvanized	11814365
4" [100]	Class 300	ASME B16.10, T2, Serie 8	T-wrench	F10	Reduced bore	ASTM A351 CF8M	TFM 1600	ASTM A479 316	Steel, galvanized	11814366
6" [150]	Class 300	ASME B16.10, T2, Serie 8	T-wrench	F10	Reduced bore	ASTM A351 CF8M	TFM 1600	ASTM A479 316	Steel, galvanized	11814367
8" [200]	Class 300	ASME B16.10, T2, Serie 8	T-wrench	F12	Reduced bore	ASTM A351 CF8M	TFM 1600	ASTM A479 316	Steel, galvanized	11814368

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