# BAC Ball valve Series: PQRI Type: 7361 Stainless steel Fire safe Flange Class 150

## Characteristics

**Series:** PQRI
**Type:** 7361
**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
**Spindle material:** ASTM A479 316
**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 20 bar.
- Recommended in: Chemical

## Technical Information

- Flanged connection in accordance with ASME B16.5 RF.
- Floating ball.
- ASME pressure rating: class 150.
- With top-flange in accordance with ISO 5211.
- Media temperature: –30/+230°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

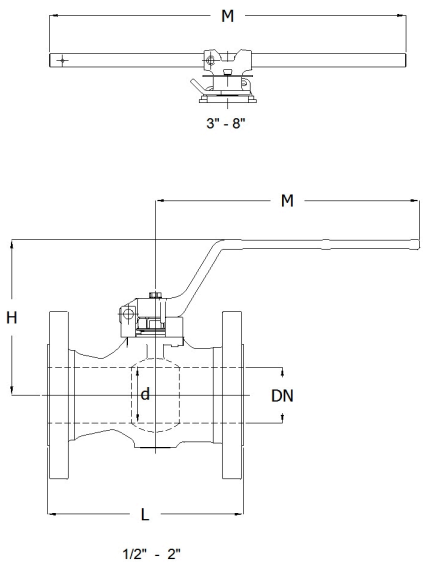
- Equipped with worm gearbox and pneumatic, electric or hydraulic actuators.
- Position feedback for manual or automated valves.
- Stainless-steel extended spindle for insulation (type 7399).
- Other seat materials.





PR_EC011343_0306_MVD_EN_30.06.2024

ERIKS BV | Tel: +31 88 855 80 03 | E-mail: vk@eriks.nl




## Size table:

| DN | d | L | H | M | Weight |
|---|---|---|---|---|---|
| | mm | mm | mm | mm | kg |
| 1/2" [15] | 11 | 108 | 102 | 180 | 1.6 |
| 3/4" [20] | 14 | 117 | 108 | 180 | 2.3 |
| 1" [25] | 19 | 127 | 115 | 180 | 3.2 |
| 1.1/2" [40] | 30 | 165 | 135 | 240 | 6.2 |
| 2" [50] | 38 | 178 | 142 | 240 | 9 |
| 3" [80] | 62 | 203 | 170 | 350 | 18.5 |
| 4" [100] | 76 | 229 | 200 | 350 | 30 |
| 6" [150] | 100 | 267 | 218 | 600 | 45.8 |
| 8" [200] | 144 | 292 | 270 | 750 | 88.3 |

| Pressure and temperature range | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Size | Pressure rating | -30 | 38 | 93 | 149 | 204 | 230 | [°C] |
| 1/2" - 2" | Class 150 | 19 | 19 | 16 | 15 | 12 | 0 | [bar] |
| 3" - 8" | Class 150 | 19 | 19 | 16 | 15 | 8 | 0 | [bar] |

| Nominal inner diameter | Pressure rating | Face to Face norm | Manual operation | Mounting flange | Bore | Material ball | Seat material | Primary spindle seal material | Actuator material | Article |
|---|---|---|---|---|---|---|---|---|---|---|
| 1/2" [15] | Class 150 | ASME B16.10, T1, Serie 19 | Handle | F03 | Reduced bore | ASTM A351 CF8M | TFM 1600 | Graphite | 1.4301 | 11814360 |
| 3/4" [20] | Class 150 | ASME B16.10, T1, Serie 19 | Handle | F03 | Reduced bore | ASTM A351 CF8M | TFM 1600 | Graphite | 1.4301 | 11814361 |
| 1" [25] | Class 150 | ASME B16.10, T1, Serie 19 | Handle | F03 | Reduced bore | ASTM A351 CF8M | TFM 1600 | Graphite | 1.4301 | 11814355 |
| 1.1/2" [40] | Class 150 | ASME B16.10, T1, Serie 19 | Handle | F05 | Reduced bore | ASTM A351 CF8M | TFM 1600 | PTFE | 1.4301 | 11814362 |
| 2" [50] | Class 150 | ASME B16.10, T1, Serie 19 | Handle | F05 | Reduced bore | ASTM A351 CF8M | TFM 1600 | Graphite | 1.4301 | 11814356 |
| 3" [80] | Class 150 | ASME B16.10, T1, Serie 19 | T-wrench | F07 | Reduced bore | ASTM A351 CF8M | TFM 1600 | PTFE | Steel, galvanized | 11814357 |
| 4" [100] | Class 150 | ASME B16.10, T1, Serie 19 | T-wrench | F10 | Reduced bore | ASTM A351 CF8M | TFM 1600 | PTFE | Steel, galvanized | 11814358 |
| 6" [150] | Class 150 | ASME B16.10, T1, Serie 19 | T-wrench | F10 | Reduced bore | ASTM A351 CF8M | TFM 1600 | PTFE | Steel, galvanized | 11814359 |
| 8" [200] | Class 150 | ASME B16.10, T1, Serie 19 | T-wrench | F12 | Reduced bore | ASTM A351 CF8M | TFM 1600 | PTFE | Steel, galvanized | 12160205 |





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ERIKS BV | Tel: +31 88 855 80 03 | E-mail: vk@eriks.nl