

## Sanitary Valves

Pharmaceutical - Biotechnology - Cosmetic - Food and Beverage - Chemical

### XP Series



3 PIECE BOLTED  
CF3M (316L) - INVESTMENT CAST  
ASME BPE  
Atex II 2 GD  
PED 97/23/EC  
According to FDA and USP

### LP Series



3 PIECE BOLTED  
CF3M (316L) - INVESTMENT CAST  
ASME BPE  
Atex II 2 GD  
PED 97/23/EC  
According to FDA and USP

### RP Series



3 PIECE BOLTED  
F316L - BARSTOCK  
ASME BPE  
Atex II 2 GD  
PED 97/23/EC  
According to FDA and USP

### MP Series



3/4 Ways  
F316L - BARSTOCK  
ASME BPE  
Atex II 2 GD  
PED 97/23/EC  
According to FDA and USP


**Vinco has been supplying some of the most demanding end customers for more than 10 years. Some examples:**

- BAXTER
- GENZYME
- GLAXO SMITH KLINE
- JANSSEN PHARMACEUTICA (JOHNSON & JOHNSON)
- PFIZER
- SANOFI
- UCB

## SURFACE FINISHING

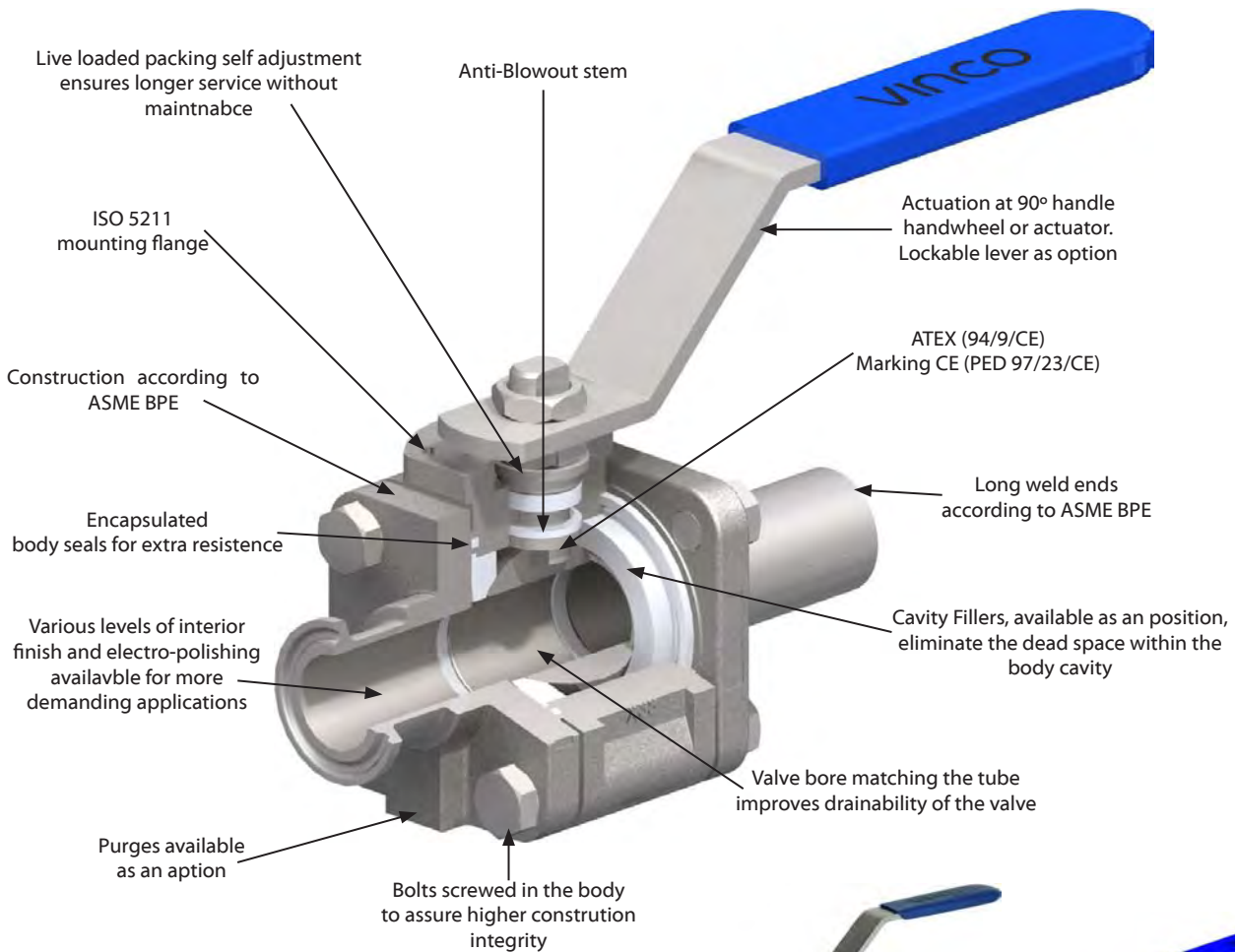
### ASME BPE SURFACE

MECHANICALLY POLISHED Ra max (µm)	SURFACE DESIGNATION
NO FINISH REQUIREMENT	SF0
0.51	SF1
0.64	SF2
0.76	SF3
MECHANICALLY POLISHED AND ELECTROPOLISHED Ra max (µm)	SURFACE DESIGNATION
0.38	SF4
0.51	SF5
0.64	SF6

CERTIFICATION	CONSTRUCTION STANDARDS	TEST STANDARDS
CE Certification acc. to PED 97/23/EC	ISO 17292	Sanitary Ball valves are tested in accordance with ASME BPE.
ATEX 2GD certification acc. to 94/9/EC	ISO 5211	TESTS APPLIED:
FDA & USP Class VI certificate of compliance for nonmetallic parts.	ASME BPE	<ul style="list-style-type: none"> <li>• Hydrostatic shell and seat test</li> <li>• Pneumatic shell and seat test                             <ul style="list-style-type: none"> <li>• Buroscopic inspection</li> <li>• Ra reading</li> </ul> </li> </ul>
Company Quality System Certified acc. to ISO 9001	DIN 11850 R2	A certificate according EN 10204 type 3.1 is available for every valve.
	ISO 1217	A certificate according EN 10204 type 3.2 is available on request.
	SMS 3008	



# XP SERIES



## Characteristics

### Connections standards

#### ASME BPE TUBE (O.D)

True Bore: DN ½" to 4"

#### DIN 11850 R2 TUBE

True Bore: DN 10 to 50  
Full Bore: DN 65 to 100

#### ISO 1127 TUBE

True Bore: DN 8 to 50  
Full Bore: DN 10 to 100

### Materials

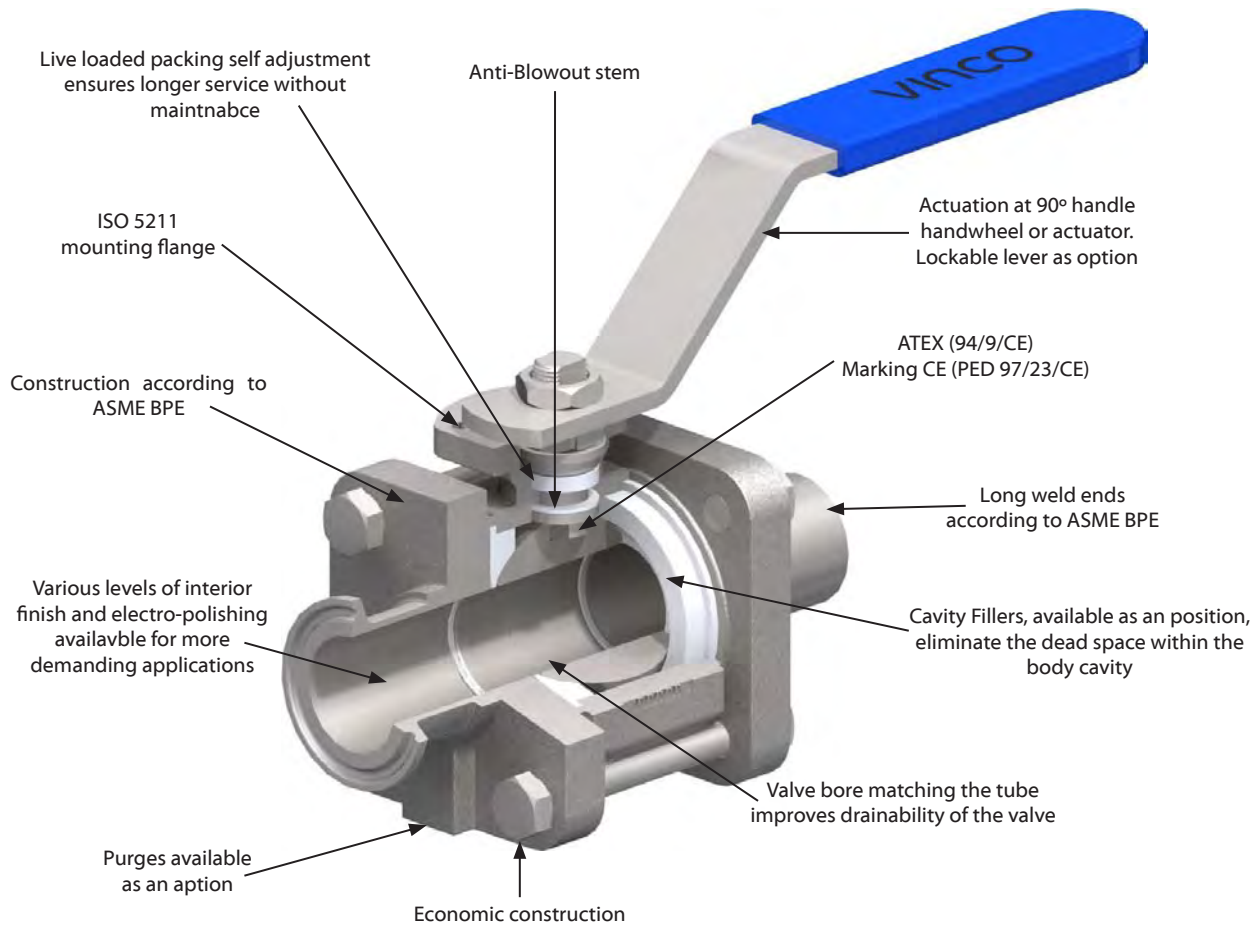
Body / Connections : ASTM A351 CF3M (316L)  
Material with controlled sulphur content between 0.005 and 0.017% to ensure the integrity of Orbital welding and the percentage of ferrite less than 2% in order to prevent corrosion.

Option: ASTM A494 Hastelloy C (CW-12MW)  
Ball / Stem : ASTM A182 F316L

### Surface Finishing

Mechanical polishing as standard interior finishing with roughness Ra of less than 0.50 microns (SF1).  
A better finishing of Ra 0.25 micrometre (10 µ-in) (SF4) and electro-polishing are available.

# LP SERIES



## Characteristics

### Connections standards

**ASME BPE TUBE (O.D)**  
True Bore: DN ½" to 4"

**DIN 11850 R2 TUBE**  
True Bore: DN 10 to 50

**ISO 1127 TUBE**  
True Bore: DN 8 to 40  
Full Bore: DN 15 to 50

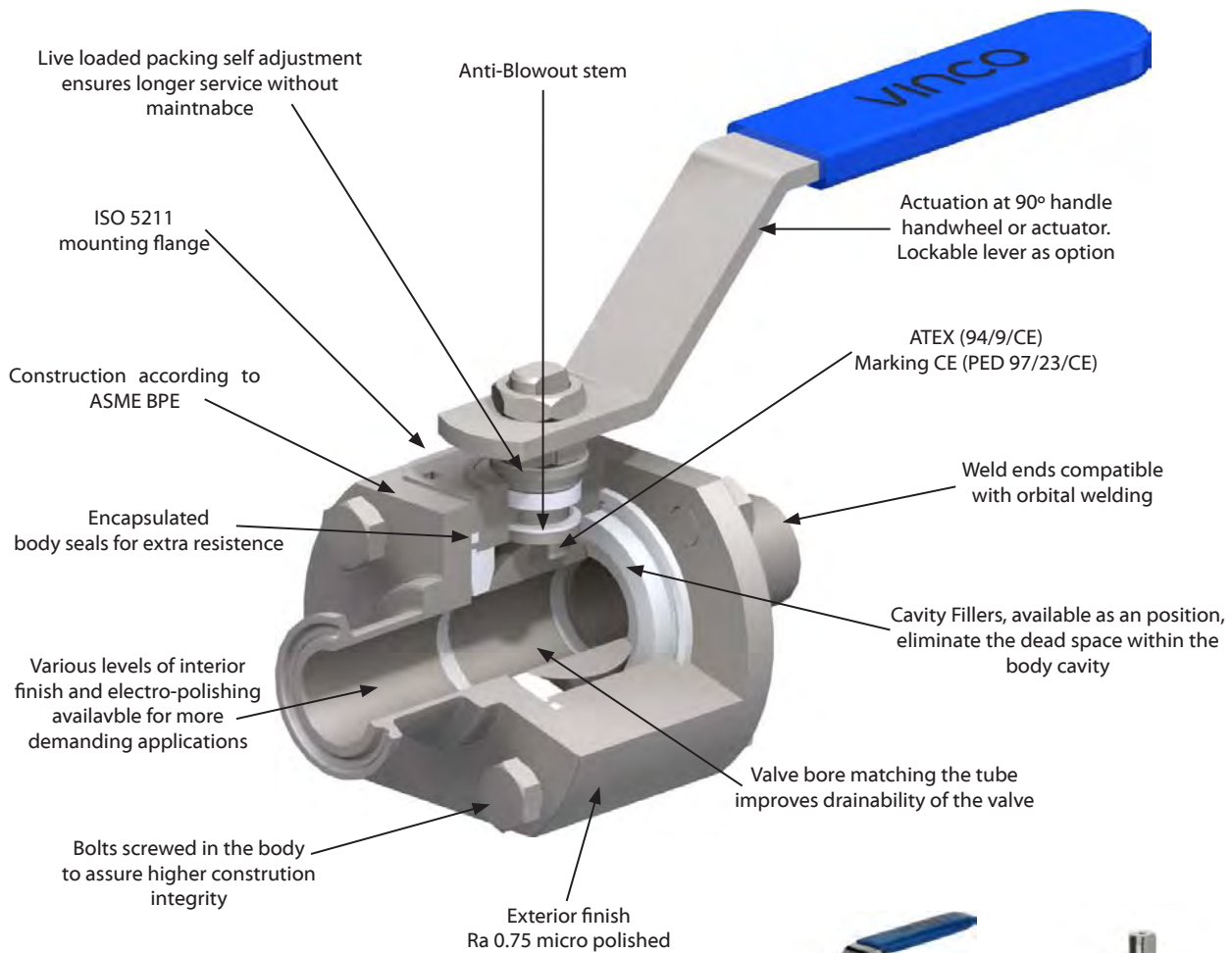
### Materials

Body / Connections : ASTM A351 CF3M (316L)  
Material with controlled sulphur content between 0.005 and 0.017% to ensure the integrity of Orbital welding and the percentage of ferrite less than 2% in order to prevent corrosion.  
Option: ASTM A494 Hastelloy C (CW-12MW)  
Ball / Stem : ASTM A182 F316L

### Surface Finishing

Mechanical polishing as standard interior finishing with roughness Ra of less than 0.50 microns (SF1).  
A better finishing of Ra 0.25 micrometre (10 µ-in) (SF4) and electro-polishing are available.

# RP SERIES



## Characteristics

### Connections standards

#### ASME BPE TUBE (O.D)

True Bore: DN ½" to 6"

#### DIN 11850 R2 TUBE

True Bore: DN 10 to 50  
Full Bore: DN 65 to 100

#### ISO 1127 TUBE

True Bore: DN 8 to 50  
Full Bore: DN 10 to 150

### Materials

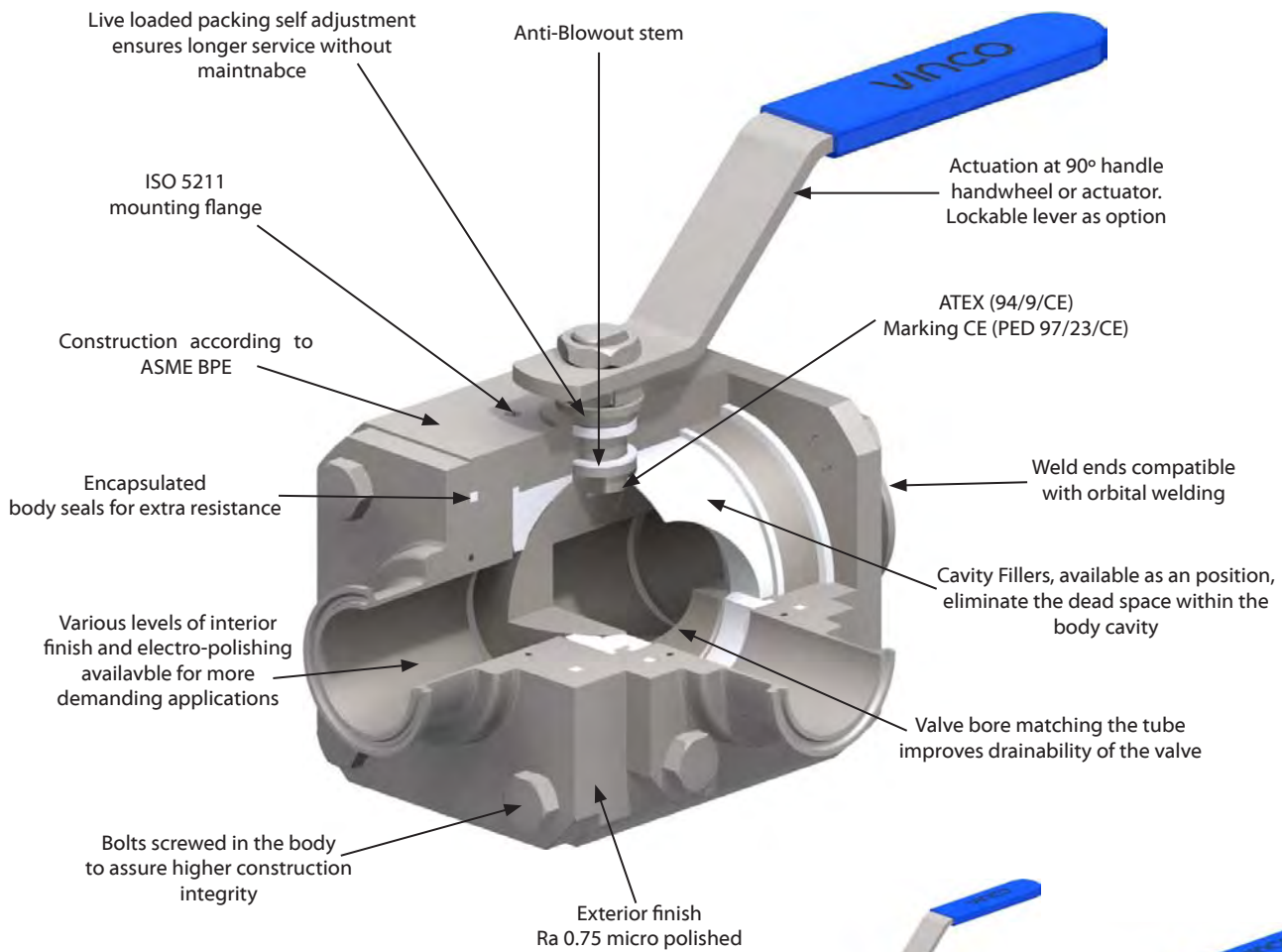
Body / Connections : ASTM A351 CF3M (316L)  
Material with controlled sulphur content between 0.005 and 0.017% to ensure the integrity of Orbital welding and the percentage of ferrite less than 2% in order to prevent corrosion.  
Option: ASTM B574 Hastelloy C22 (UNS N06022)  
Option: ASTM B574 Hastelloy C276 (UNS N10276)  
Ball / Stem : ASTM A182 F316L

### Surface Finishing

Mechanical polishing as standard interior finishing with roughness Ra of less than 0.50 microns (SF1).  
Mechanical polishing as standard exterior finish Ra 0.75 micro polished (SF3)  
A better finishing of Ra 0.25 micrometre (10 µ-in) (SF4) and electro-polishing are available.



# MP SERIES



## Characteristics

### Connections standards

#### ASME BPE TUBE (O.D)

True Bore: DN ½" to 2"

#### DIN 11850 R2 TUBE

True Bore: DN 10 to 50

#### ISO 1127 TUBE

Full Bore: DN 15 to 50

### Materials

Body / Connections : ASTM A351 CF3M (316L)  
Material with controlled sulphur content between 0.005 and 0.017% to ensure the integrity of Orbital welding and the percentage of ferrite less than 2% in order to prevent corrosion.

Option: ASTM A494 Hastelloy C (CW-12MW)  
Ball / Stem : ASTM A182 F316L

### Surface Finishing

Mechanical polishing as standard interior finishing with roughness Ra of less than 0.50 microns (SF1).

Mechanical polishing as standard exterior finish Ra 0.75 micro polished (SF3)

A better finishing of Ra 0.25 micrometre (10 µ-in) (SF4) and electro-polishing are available.

# Special Valves

**Tank bottom valve**



**Stem Extension**



**Lockable Handle**



**Purge Port for CIP or SIP**



**Multivalve Block**



**"T" Block Valve**







Vinco Válvulas, SA started its activity in 1990 with the design and manufacturing of ball valves mainly for the Chemical, Pulp & Paper, Power and Gas industries. The later decision of creating a Sanitary Valve Range made the company also a specialist in the supply of the Pharmaceutical and Biotechnological industries. Vinco Válvulas, SA head office and production plant are modern facilities covering a built area of 4000m<sup>2</sup> located in V.N. Famalicão - Portugal, where the research and development is made in the most innovative CAD systems and the manufacturing is carried out in advanced CNC machines. Vinco Válvulas, SA offers nowadays, through the know-how acquired along the years, a wide range of ball valves designed and manufactured under the highest standards of quality to meet the most demanding industry requirements. Reliability and continuous innovation are the keywords that rule our commitment to customer's satisfaction.

## OTHER SERIES:

**LD Series**  
CI600/400



DN 10 ÷ 65

**SD Series**  
CI800



DN 10 ÷ 50

**SF Series**  
CI600 / 300  
FIRESAFE



DN 50 ÷ 100

**SF Series**  
CI150/300/600  
Flanged



DN 15 ÷ 50

**HF Series**  
CI1500/2500  
FIRESAFE



DN 10 ÷ 50

**HF Series**  
CI1500/2500  
FIRESAFE  
Flanged)



DN 15 ÷ 50

**BF Series**  
CI150/300/600  
FIRESAFE



DN 15 ÷ 150

**GF Series**  
CI1500/2500  
FIRESAFE



DN 10 ÷ 50

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