www.fcs-sbarre.it

UNI EN ISO 9001: 2015

ISO 14001: 2015

EFFEBI U.S. LLC,

e-mail: effebi.us@effebi.com – www.effebi.com

SP020576

MADE IN ITALY

EFFEBI®

LEADER OF QUALITY

WARRANTY 10 YEARS

GLADIATOR®

FULL BORE **HEAVY DUTY**

STAINLESS STEEL BALL

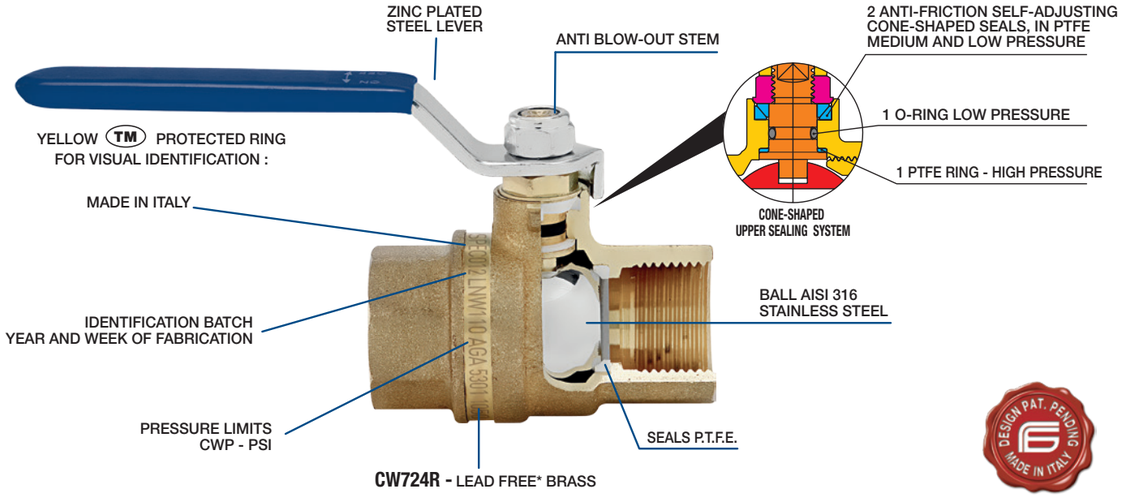
GAS & WATER USE

C SA® US



LEAD FREE ECOSILICON® BRASS

GLADIATOR®



*Wetted surfaces contain no more than 0.09% lead by weighted average



art. 1911B — FF with steel lever



art. 1911R — FF with steel lever
art. 1911XR — FF with AISI 316 stainless steel lever**



art. 1911G — FF with steel lever



art. 1987 — F/F GALAXY ISOL T with special condensation proof T-handle**



art. 1911..L — F/F with lockable steel lever



art. 1924..L — FF with special aluminum KEY T handle from 1/2" to 1"**



art. 1941 — F/F w/square cap**
art. 1961 — F/F w/square cap with bore**



art. 1981B — F/F w/extension + lever**

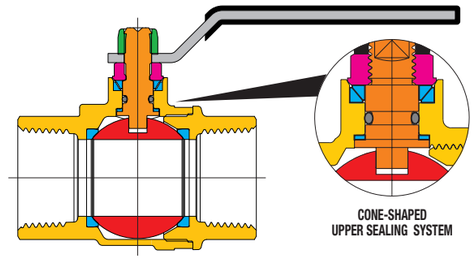


art. 1921B — F/F with T-handle in aluminium from 3/8" to 1"

**Available on request

GLADIATOR®

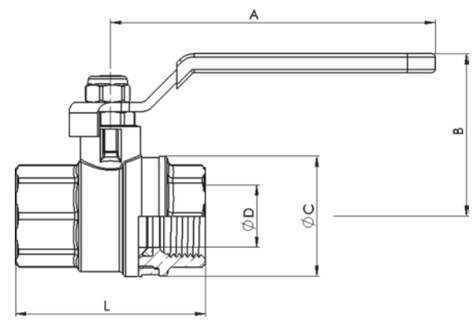
SECTION



LIST OF COMPONENTS: description/materials/treatments

Body and threaded end	●	CW724R - C69300
Gland	●	CW617N - C37700
Stem	●	CW724R - C69300
Ball stainless steel	●	AISI 316
Seats	●	P.T.F.E.
Stem packing O-ring	●	HNBR
Operating device	●	zinc plated steel
Fixing screw self-blocking	●	zinc plated steel

DIMENSIONS



VALVE DIMENSIONS FOR TYPE AND SIZE

Size NPT	3/8"	1/2"	3/4"	1"	1" 1/4	1" 1/2	2"
A	3.35	3.35	4.13	4.13	5.12	5.12	6.50
B	1.46	1.73	2.05	2.20	2.48	2.72	3.27
ØC	0.94	1.22	1.52	1.85	2.26	2.76	3.37
L	1.71	2.13	2.40	2.91	3.39	3.76	4.37
ØD	0.39	0.59	0.79	0.98	1.26	1.57	1.97

TECHNICAL FEATURES:

Temperature limits: Liquids -4°F +300°F
Gas (indoor/outdoor) -40 °F +180°F

Pressure rating[1] : Liquids 600WOG - 150WSP
Gas 1/2psi - 125G - 5G

SPECIFIC FEATURES:

The **GLADIATOR®** series is manufactured in **ECOSILICON® BRASS** (lead free[2]) C69300 (CW724R). This special material, is an excellent and very resistant high copper silicon alloy, with minimum 75% copper content and maximum lead content 0.10% (Max Lead in ANSI NSF 372 is 0,25 %). It has excellent mechanical characteristics, as well as resistance to dezincification and stress corrosion craking.

The **GLADIATOR®** is full bore and indicated in many different applications: heating, cooling, ventilation, plumbing, potable water use, pneumatics, gas, oil, etc.

Valve to be used in fully open or fully closed position.
Designed and manufactured 100% in Italy.

Approved and certified CSA:

- **NSF/ANSI /CAN 61[3]**
- **NSF/ANSI/CAN 372**
- **IAPMO /ANSI Z1157**
  BALL VALVES
- **ANSI Z 2115 CSA 9.1**
  ANSI Z 21.15a 2012-2019 CSA 9.1 A 2012-2019 MANUALLY OPERATED GAS VALVES FOR APPLIANCES
- **CGA CR91-002**
- **ASME B13.33 (1/2" - 2")**
  MANUALLY OPERATED METALLIC GAS VALVES (125 Psi)
- **ASME B16.44**
  MANUALLY OPERATED METALLIC GAS VALVES UP TO 5 PSI
- **CSA 3.16**
  LEVER OPERATED NONLUBRICATED GAS SHUT-OFF VALVES

Threaded end connections:
NPT according to ANSI B 1.20.1

Operation devices:
aluminum lever, aluminum T handle, zinc plated steel lever, Aisi 316 stainless steel lever, lockable steel lever, ISOL T condensation proof polyamide (with metal renforced) handle, gear handle, brass square cap, Key T handle.

All valves are tested 100% on pneumatic seal with electronic control.

The wetted surfaces of this valve shall contain no more than 0,10% lead by weighted average.

[1] : see the specific diagram for the specific maximum operating pressure and temperature value.

[2] : Lead free refers to the wetted surface of pipe, fittings and fixtures in potable water systems that have a weighted average lead content not more than 0.25%. Source: California health & Safety code (116875). Vermont Act 193. WARNING: This product can expose you to chemicals including lead, which is knows to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

[3] : Certified NFS/ANSI/CAN61 section 8 cold water.

PRESSURE/TEMPERATURE DIAGRAM (Liquid)

