
BALL VALVES AND DRAIN COCKS

Giacomini ball valves are designed to provide high mechanical resistance minimizing required space and guarantee operation with very high working pressures. The finishings used are suitable for hot and cold water systems, domestic water, gases, hydrocarbons, compressed air and dry saturated vapor. The wide range of products provides the right solution for any need.

104	Ball valves for water for heating/cooling systems
110	Ball valves for dangerous gas
111	Ball valves for domestic water use with DVGW approval
114	Ball valves with alternative standards for water for heating/cooling systems and gas
115	Special valves for heating systems
117	MINI ball valves
117	Bib cocks
117	Accessories and spare parts
120	Technical and dimensional data



Ball valves for water for heating/cooling systems

R950

PRODUCT CODE	SIZE		
R950X021	1/4"	20	200
R950X022	3/8"	10	100
R950X023	1/2"	5	50
R950X024	3/4"	5	50
R950X025	1"	5	25
R950X026	1-1/4"	4	20
R950X027	1-1/2"	2	10
R950X028	2"	2	6

DADO ball valve, with female-female threaded connections, heavy series. Nickel plated brass finishing. Full port. Red lever handle (water use).

INFO

Certificate available on giacomini.com



R910S

PRODUCT CODE	SIZE		
R910SX003	1/2"	5	50
R910SX004	3/4"	5	25
R910SX005	1"	5	25
R910SX006	1-1/4"	2	20
R910SX007	1-1/2"	2	10
R910SX008	2"	2	10

DADO ball valve, with female-female threaded connections, with drain cock with hose connection Ø9 mm. Nickel plated brass finishing. Full port. Red lever handle (water use).

INFO

1/2" - 3/4" - 1": drain cock 1/4".
1-1/4", 1-1/2", 2": drain cock 3/8".



R951

PRODUCT CODE	SIZE		
R951X021	1/4"	20	200
R951X022	3/8"	10	100
R951X023	1/2"	10	100
R951X024	3/4"	5	50
R951X025	1"	5	25
R951X026	1-1/4"	4	20

DADO ball valve, with female-female threaded connections, heavy series. Nickel plated brass finishing. Full port. Red T-handle (water use).



R913

PRODUCT CODE	SIZE		
R913X022	3/8"	10	100
R913X023	1/2"	5	50
R913X024	3/4"	5	50
R913X025	1"	5	25
R913X026	1-1/4"	2	20

DADO ball valve, with male-male threaded connections. Nickel plated brass finishing. Full port. Red T-handle (water use).



R910

PRODUCT CODE	SIZE		
R910X022	3/8"	10	100
R910X023	1/2"	10	70
R910X024	3/4"	5	50
R910X025	1"	5	25
R910X026	1-1/4"	4	20
R910X027	1-1/2"	2	10
R910X028	2"	2	6
R910X029	2-1/2"	2	4
R910X030	3"	1	2
R910X031	4"	1	-

DADO ball valve, with female-female threaded connections. Nickel plated brass finishing. Full port. Red lever handle (water use).



R913L

PRODUCT CODE	SIZE		
R913LX022	3/8"	10	100
R913LX023	1/2"	5	50
R913LX024	3/4"	5	50
R913LX025	1"	2	20
R913LX026	1-1/4"	2	20

DADO ball valve, with male-male threaded connections. Nickel plated brass finishing. Full port. Red lever handle (water use).



R911

PRODUCT CODE	SIZE		
R911X022	3/8"	10	100
R911X023	1/2"	10	100
R911X024	3/4"	5	50
R911X025	1"	5	25
R911X026	1-1/4"	4	20

DADO ball valve, with female-female threaded connections. Nickel plated brass finishing. Full port. Red T-handle (water use).



R914

PRODUCT CODE	SIZE		
R914X021	1/4"	20	200
R914X022	3/8"	10	100
R914X023	1/2"	10	100
R914X024	3/4"	5	50
R914X025	1"	5	25
R914X026	1-1/4"	2	20

DADO ball valve, with female-male threaded connections. Nickel plated brass finishing. Full port. Red T-handle (water use).



R914L

PRODUCT CODE	SIZE		
R914LX021	1/4"	20	200
R914LX022	3/8"	10	100
R914LX023	1/2"	5	50
R914LX024	3/4"	5	50
R914LX025	1"	2	20
R914LX026	1-1/4"	2	20
R914LX027	1-1/2"	2	10
R914LX028	2"	2	6

DADO ball valve, with female-male threaded connections. Nickel plated brass finishing. Full port. Red lever handle (water use).



DR850

PRODUCT CODE	SIZE		
DR850Y023	1/2"	10	100
DR850Y024	3/4"	5	50
DR850Y025	1"	5	25
DR850Y026	1-1/4"	4	20
DR850Y027	1-1/2"	4	20
DR850Y028	2"	2	10

DADO ball valve, with female-female threaded connections and dezincification resistant (DZR) brass. Brass finishing. Full port. Red lever handle (water use).



R919

PRODUCT CODE	SIZE		
R919X003	1/2"F x 1/2"M	5	50
R919X004	1/2"F x 3/4"M	5	50
R919X005	3/4"F x 3/4"M	5	25
R919X006	3/4"F x 1"M	2	20
R919X007	1"F x 1"M	2	20
R919X008	1"F x 1-1/4"M	2	20
R919X009	1-1/4"F x 1-1/4"M	2	20

DADO ball valve, with female-tail piece male threaded connections. Nickel plated brass finishing. Full port. Red T-handle (water use).



R851

PRODUCT CODE	SIZE		
R851X021	1/4"	20	200
R851X022	3/8"	10	100
R851X023	1/2"	10	100
R851X024	3/4"	5	50
R851X025	1"	5	50
R851X026	1-1/4"	5	25

Ball valve, with female-female threaded connections. Chrome plated brass finishing. Full port. Red T-handle (water use).



R919S

PRODUCT CODE	SIZE		
R919SX003	1/2"F x 1/2"M	5	50
R919SX005	3/4"F x 3/4"M	5	25
R919SX007	1"F x 1"M	2	20
R919SX009	1-1/4"F x 1-1/4"M	2	10

DADO ball valve, with female-tail piece male threaded connections, with drain cock with hose connection Ø9 mm. Nickel plated brass finishing. Full port. Red T-handle (water use).

INFO

1/2" - 3/4" - 1": drain cock 1/4".
1-1/4": drain cock 3/8".



R851TH

PRODUCT CODE	SIZE		
R851TX002	3/8"	1	50
R851TX003	1/2"	1	50
R851TX004	3/4"	1	50
R851TX005	1"	1	40
R851TX006	1-1/4"	1	20
R851TX007	1-1/2"	2	20
R851TX008	2"	2	10

Ball valve, with female-female threaded connections, for pipes with high insulation thickness. Chrome plated brass finishing. Full port. Extended T-handle with red, blue plates (water use).



R850

PRODUCT CODE	SIZE		
R850X021	1/4"	20	200
R850X022	3/8"	10	100
R850X023	1/2"	10	100
R850X024	3/4"	5	50
R850X025	1"	5	25
R850X026	1-1/4"	4	20
R850X027	1-1/2"	3	15
R850X028	2"	2	10
R850X029	2-1/2"	2	4
R850X030	3"	2	4
R850X031	4"	1	2

Ball valve, with female-female threaded connections. Chrome plated brass finishing. Full port. Red lever handle (water use).



R854

PRODUCT CODE	SIZE		
R854X023	1/2"	10	100
R854X024	3/4"	5	50
R854X025	1"	5	25
R854X026	1-1/4"	4	20

Ball valve, with female-male threaded connections. Chrome plated brass finishing. Full port. Red T-handle (water use).



R854L

PRODUCT CODE	SIZE	□	⊞
R854LX023	1/2"	5	50
R854LX024	3/4"	5	50
R854LX025	1"	2	20
R854LX026	1-1/4"	2	20
R854LX027	1-1/2"	3	15
R854LX028	2"	2	10

Ball valve, with female-male threaded connections. Chrome plated brass finishing. Full port. Red lever handle (water use).



R859

RED T-HANDLE

PRODUCT CODE	SIZE	□	⊞
R859X323	1/2"F x 1/2"M	1	50
R859X325	3/4"F x 3/4"M	1	25
R859X327	1"F x 1"M	1	20
R859X329	1-1/4"F x 1-1/4"M	1	20

BLUE T-HANDLE

PRODUCT CODE	SIZE	□	⊞
R859X343	1/2"F x 1/2"M	1	50
R859X345	3/4"F x 3/4"M	1	25
R859X347	1"F x 1"M	1	20
R859X349	1-1/4"F x 1-1/4"M	1	20

Ball valve, with female-tail piece male threaded connections. Compact version. Chrome plated brass finishing. Full port. Red or blue T-handle (water use).



R859K

PRODUCT CODE	SIZE	□	⊞
R859KY007	1"F x 1"M	1	10

Kit with N.2 R859 ball valves with red and blue T-handle (water use).



R752

PRODUCT CODE	SIZE	□	⊞
R752X003	1/2"F x 3/4"F nut	5	50

Ball valve, with female-female threaded connections with nut and gasket, with adjustable tail piece (valve length adjustment: 8 mm), specific for meters connection. Chrome plated brass finishing. Full port. Red T-handle (water use).



R789

PRODUCT CODE	SIZE	□	⊞
R789X003	1/2"F x 1/2"M - Red	5	50
R789X005	3/4"F x 3/4"M - Red	5	25
R789X045	3/4"F x 3/4"M - Blue	5	25
R789X007	1"F x 1"M - Red	2	20

Angle ball valve, with female-tail piece male threaded connections. Chrome plated brass finishing. Full port. Red or blue T-handle (water use).



R734TH

PRODUCT CODE	SIZE	□	⊞
R734TX006	G 1-1/4"F x G 1-1/4"M	1	10
R734TX007	G 1-1/2"F x G 1-1/2"M	1	10

Ball valve, with female-male threaded connections, for pipes with high insulation thickness. Nickel plated brass finishing. Full port. Extended T-handle with red plate (water use).



R734TW

PRODUCT CODE	SIZE	□	⊞
R734TWY006	For R734T 1-1/4"	1	6
R734TWY007	For R734T 1-1/2"	1	6

Expanded polypropylene (EPP) insulation for R734TH ball valves.



R851T

PRODUCT CODE	SIZE	□	⊞
R851TY103	1/2"	10	100
R851TY104	3/4"	5	50
R851TY105	1"	5	25

Ball valve, with female-female threaded connections, with probe holder M10x1 mm female threaded, for probe Ø6 mm. Brass finishing. Full port. Red T-handle (water use).



R859T

PRODUCT CODE	SIZE	□	⊞
R859TY005	3/4"F x 3/4"M	5	25
R859TY006	3/4"F x 1"M	2	20
R859TY007	1"F x 1"M	2	20

Ball valve, with female-tail piece male threaded connections, with probe holder M10x1 mm female threaded, for probe Ø6 mm. Brass finishing. Full port. Red T-handle (water use).



R250D

PRODUCT CODE	SIZE	□	⊞
R250X001	1/4"	20	200
R250X002	3/8"	10	100
R250X003	1/2"	10	100
R250X004	3/4"	5	50
R250X005	1"	5	25
R250X006	1-1/4"	4	20
R250X007	1-1/2"	2	10
R250X008	2"	2	10
R250X009	2-1/2"	2	4
R250X010	3"	2	4
R250X011	4"	1	2

Ball valve, with female-female threaded connections. Chrome plated brass finishing. Standard port. Red lever handle (water use).



R250DS

PRODUCT CODE	SIZE	□	▢
R250SX003	1/2"	5	50
R250SX004	3/4"	5	50
R250SX005	1"	5	25
R250SX006	1-1/4"	4	20
R250SX007	1-1/2"	2	10
R250SX008	2"	2	10

Ball valve, with female-female threaded connections, with drain cock with hose connection Ø9 mm. Chrome plated brass finishing. Standard port. Red lever handle (water use).

INFO

1/2" - 3/4" - 1": drain cock 1/4".
1-1/4" - 1-1/2" - 2": drain cock 3/8".



R251D

PRODUCT CODE	SIZE	□	▢
R251X001	1/4"	20	200
R251X002	3/8"	10	100
R251X003	1/2"	10	100
R251X004	3/4"	5	50
R251X005	1"	5	25
R251X006	1-1/4"	5	25

Ball valve, with female-female threaded connections. Chrome plated brass finishing. Standard port. Red T-handle (water use).



R251S

PRODUCT CODE	SIZE	□	▢
R251SX003	1/2"	5	50
R251SX004	3/4"	5	50
R251SX005	1"	5	25

Ball valve, with female-female threaded connections, with drain cock with hose connection Ø9 mm. Chrome plated brass finishing. Standard port. Red T-handle (water use).

INFO

Drain cock 1/4".



R251TH

PRODUCT CODE	SIZE	□	▢
R251X052	3/8"	10	100
R251X053	1/2"	10	100
R251X054	3/4"	5	50
R251X055	1"	5	25
R251X056	1-1/4"	4	20
R251X057	1-1/2"	4	20
R251X058	2"	2	10

Ball valve, with female-female threaded connections, for pipes with high insulation thickness. Chrome plated brass finishing. Standard port. Extended T-handle with red plate (water use).



R253D

PRODUCT CODE	SIZE	□	▢
R253X002	3/8"	10	100
R253X003	1/2"	10	100
R253X004	3/4"	5	50
R253X005	1"	5	50
R253X006	1-1/4"	4	20

Ball valve, with male-male threaded connections. Chrome plated brass finishing. Standard port. Red T-handle (water use).



R253DL

PRODUCT CODE	SIZE	□	▢
R253LX002	3/8"	10	100
R253LX003	1/2"	10	100
R253LX004	3/4"	5	50
R253LX005	1"	2	20
R253LX006	1-1/4"	2	20

Ball valve, with male-male threaded connections. Chrome plated brass finishing. Standard port. Red lever handle (water use).



R254D

PRODUCT CODE	SIZE	□	▢
R254X001	1/4"	20	200
R254X002	3/8"	10	100
R254X003	1/2"	10	100
R254X004	3/4"	5	50
R254X005	1"	5	25
R254X006	1-1/4"	4	20

Ball valve, with female-male threaded connections. Chrome plated brass finishing. Standard port. Red T-handle (water use).



R254DL

PRODUCT CODE	SIZE	□	▢
R254LX001	1/4"	20	200
R254LX002	3/8"	10	100
R254LX003	1/2"	10	100
R254LX004	3/4"	5	50
R254LX005	1"	5	25
R254LX006	1-1/4"	4	20
R254LX007	1-1/2"	2	10
R254LX008	2"	2	10

Ball valve, with female-male threaded connections. Chrome plated brass finishing. Standard port. Red lever handle (water use).



R259D

CHROME PLATED BRASS FINISHING

PRODUCT CODE	SIZE	☐	☒
R259X003	1/2"F x 1/2"M - Red	25	50
R259X043	1/2"F x 1/2"M - Blue	1	50
R259X004	1/2"F x 3/4"M - Red	25	50
R259X005	3/4"F x 3/4"M - Red	10	20
R259X045	3/4"F x 3/4"M - Blue	10	20
R259X006	3/4"F x 1"M - Red	10	20
R259X007	1"F x 1"M - Red	1	20
R259X008	1"F x 1-1/4"M - Red	10	20
R259X009	1-1/4"F x 1-1/4"M - Red	10	20

BRASS FINISHING

PRODUCT CODE	SIZE	☐	☒
R259Y003	1/2"F x 1/2"M - Red	25	50
R259Y005	3/4"F x 3/4"M - Red	10	20
R259Y006	3/4"F x 1"M - Red	10	20
R259Y007	1"F x 1"M - Red	1	20
R259Y008	1"F x 1-1/4"M - Red	10	20
R259Y009	1-1/4"F x 1-1/4"M - Red	10	20
R259Y025	3/4"F x 3/4"M - Blue	1	20
R259Y027	1"F x 1"M - Blue	1	20
R259Y029	1-1/4"F x 1-1/4"M - Blue	10	20

Ball valve, with female-tail piece male threaded connections. Chrome plated brass finishing or brass finishing. Standard port. Red or blue T-handle (water use).

R259DS

PRODUCT CODE	SIZE	☐	☒
R259SX003	1/2"F x 1/2"M	25	50
R259SX004	1/2"F x 3/4"M	25	50
R259SX005	3/4"F x 3/4"M	10	20
R259SX006	3/4"F x 1"M	10	20
R259SX007	1"F x 1"M	10	20
R259SX008	1"F x 1-1/4"M	10	20
R259SX009	1-1/4"F x 1-1/4"M	10	20

Ball valve, with female-tail piece male threaded connections, with drain cock with hose connection Ø9 mm. Chrome plated brass finishing. Standard port. Red T-handle (water use).

① INFO

1/2"F - 3/4"F - 1"F: drain cock 1/4".
1-1/4"F: drain cock 3/8".

R259DST

PRODUCT CODE	SIZE	☐	☒
R259SX077	1"F x 1"M	1	10

Couple of ball valves with thermometers (R540 series), with female-tail piece male threaded connections. Chrome plate finishing. Standard port. Red and blue T-handles (water use). Connection for thermometer: 3/8".



R259K

PRODUCT CODE	SIZE	☐	☒
R259KX006	G 3/4"F X G 1"M	1	10
R259KX007	1"F x 1"M	1	10

Pair of ball valve, with female-tail piece male threaded connections. Chrome plated brass finishing. Standard port. Red and blue T-handle (water use).



R258CC

PRODUCT CODE	SIZE	☐	☒
R258CX002	Ø15	5	50
R258CX005	Ø22	5	50
R258CX006	Ø28	6	30

Ball valve, with compression connections for copper pipes. Chrome plated brass finishing. Standard port. Red lever handle (water use).



R258DL

PRODUCT CODE	SIZE	☐	☒
R258Y002	Ø15	10	100
R258Y004	Ø18	10	100
R258Y005	Ø22	6	60
R258Y006	Ø28	6	30
R258Y007	Ø35	4	20

Ball valve, with Sweat connections for copper pipes. Brass finishing. Standard port. Red lever handle (water use).



R701F

UNI EN 12165 CW617N BRASS

PRODUCT CODE	SIZE	☐	☒
R701FY023	G 1/2"F	1	30
R701FY024	G 3/4"F	1	30
R701FY025	G 1"F	1	18

UNI EN 12165 CW602N BRASS "DZR"

PRODUCT CODE	SIZE	☐	☒
R701FY112	Rc 3/8"	1	30
R701FY113	Rc 1/2"	1	30
R701FY114	Rc 3/4"	1	30
R701FY115	Rc 1"	1	18

Ball valve with built-in filter, female-female threaded connections. Brass finishing. Full port. Red T-handle (water use).

① INFO

Possibility of installing the P74M magnetic kit inside the valve body, for even more efficient filtering.



R780P-1

PRODUCT CODE	SIZE	□	▢
R780PX013	1/2"M x 1/2"F nut	8	56
R780PX014	3/4"M x 3/4"F nut	5	35

Angle ball valve, with male-female threaded connections with nut and gasket, specific for under boiler use and for meters connection. Nickel plated brass finishing. Full port. Red single lug handle (water use).



R251P-1

PRODUCT CODE	SIZE	□	▢
R251PX012	1/2"F x 1/2"F nut	10	70
R251PX014	3/4"F x 3/4"F nut	10	70

Ball valve, with female-female threaded connections with nut and gasket, specific for under boiler use and for meters connection. Nickel plated brass finishing. Standard port. Red single lug handle (water use).



R254P-1

CHROME PLATED BRASS FINISHING

PRODUCT CODE	SIZE	□	▢
R254PX012	1/2"M x 1/2"F nut - red	10	70
R254PX014	3/4"M x 3/4"F nut - red	10	70

BRASS FINISHING

PRODUCT CODE	SIZE	□	▢
R254PY102	1/2"M x 1/2"F nut - red	10	100
R254PY112	1/2"M x 1/2"F nut - blue	10	100

Ball valve, with male-female threaded connections with nut and gasket, specific for under boiler use and for meters connection. Nickel plated brass finishing or brass finishing. Standard port. Red or blue single lug handle (water use).



R251P

CHROME PLATED BRASS FINISHING

PRODUCT CODE	SIZE	□	▢
R251PX002	1/2"F x 1/2"F nut	8	80
R251PX003	1/2"F x 3/4"F nut	5	50
R251PX004	3/4"F x 3/4"F nut	5	50
R251PX005	3/4"F x 1"F nut	4	40
R251PX006	1"F x 1"F nut	5	25

BRASS FINISHING

PRODUCT CODE	SIZE	□	▢
R251PY003	1/2"F x 3/4"F nut	5	50
R251PY004	3/4"F x 3/4"F nut	5	50
R251PY005	3/4"F x 1"F nut	4	40
R251PY006	1"F x 1"F nut	5	25

Ball valve, with female-female threaded connections with nut and gasket, specific for meters connection. Chrome plated brass finishing or brass finishing. Standard port. Red T-handle (water use).



R781P-1

PRODUCT CODE	SIZE	□	▢
R781PX013	1/2"F x 1/2"F nut	8	56
R781PX014	3/4"F x 3/4"F nut	5	35

Angle ball valve, with female-female threaded connections with nut and gasket, specific for under boiler use and for meters connection. Nickel plated brass finishing. Full port. Red single lug handle (water use).



R254P

CHROME PLATED BRASS FINISHING

PRODUCT CODE	SIZE	□	▢
R254PX004	3/4"M x 3/4"F nut	5	50

BRASS FINISHING

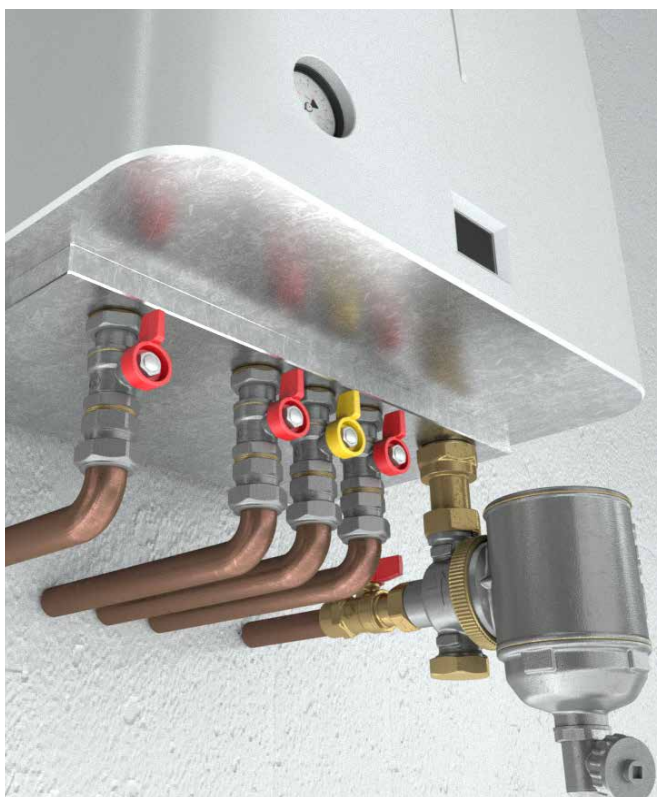
PRODUCT CODE	SIZE	□	▢
R254PY003	1/2"M x 3/4"F nut	5	50
R254PY004	3/4"M x 3/4"F nut	5	50
R254PY034	3/4"M x 3/4"F nut	5	50

Ball valve, with male-female threaded connections with nut and gasket, specific for meters connection. Chrome plated brass finishing or brass finishing. Standard port. Red T-handle (water use).



BALL VALVES WITH NUT.

For under-boiler installation and other hydraulic connections.



APPLICATION

- Max. working pressure at 20 °C with water and not dangerous gas: 1,6 MPa (16 bar)
- Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions)
- Temperature range: -20÷60 °C
- Max working pressure (MOP) with gas: 0,5 MPa (5 bar)
- Resistance to high temperatures: class B 0,1; 650 °C for 30'
- EN 331:2015 certified

➔ Ball valves for dangerous gas

R730GA

PRODUCT CODE	SIZE		
R730GAX001	1/4"	20	200
R730GAX002	3/8"	10	100
R730GAX003	1/2"	10	70
R730GAX004	3/4"	5	50
R730GAX005	1"	5	25
R730GAX006	1-1/4"	4	20
R730GAX007	1-1/2"	2	10
R730GAX008	2"	2	6



CERTIFICATIONS AND SYMBOLS



① INFO

Certificate available on giacomini.com

Ball valve, with female-female threaded connections. Nickel plated brass finishing. Full port. Yellow lever handle (gas use). EN331:2015 approved.

R730GB

PRODUCT CODE	SIZE		
R730GBX003	Rp 1/2"	5	50
R730GBX004	Rp 3/4"	5	35
R730GBX005	Rp 1"	5	25
R730GBX006	Rp 1-1/4"	4	20
R730GBX007	Rp 1-1/2"	2	10
R730GBX008	Rp 2"	2	6



CERTIFICATIONS AND SYMBOLS



① INFO

Certificate available on giacomini.com

Ball valve, with female-female threaded connections, heavy series. Nickel plated brass finishing. Full port. Yellow lever handle (gas use). Resistance to high temperatures: EN 331:2015 certified; class B0,1; 650 °C for 30'.

R731GA

PRODUCT CODE	SIZE		
R731GAX002	3/8"	10	100
R731GAX003	1/2"	10	100
R731GAX004	3/4"	5	50
R731GAX005	1"	5	25
R731GAX006	1-1/4"	4	20



CERTIFICATIONS AND SYMBOLS



① INFO

Certificate available on giacomini.com

Ball valve, with female-female threaded connections. Nickel plated brass finishing. Full port. Yellow T-handle (gas use). EN331:2015 approved.

R780GB

PRODUCT CODE	SIZE		
R780GBX003	G 1/2"M x Rp 1/2"	5	50
R780GBX004	G 3/4"M x Rp 3/4"	5	50
R780GBX005	G 1"M x Rp 1"	3	30



CERTIFICATIONS AND SYMBOLS



① INFO

Certificate available on giacomini.com

Angle ball valve, with male-female threaded connections. Nickel plated brass finishing. Full port. Yellow T-handle (gas use). Resistance to high temperatures: EN 331:2015 certified; class B0,1; 650 °C for 30'.

R734LGA

PRODUCT CODE	SIZE		
R734LGAX001	G 1/4"F x G 1/4"M	20	200
R734LGAX002	G 3/8"F x G 3/8"M	10	100
R734LGAX003	G 1/2"F x G 1/2"M	5	50
R734LGAX004	G 3/4"F x G 3/4"M	5	50
R734LGAX005	G 1"F x G 1"M	5	25
R734LGAX006	G 1-1/4"F x G 1-1/4"M	4	24
R734LGAX007	G 1-1/2"F x G 1-1/2"M	2	10
R734LGAX008	G 2"F x G 2"M	2	6



CERTIFICATIONS AND SYMBOLS



① INFO

Certificate available on giacomini.com

Ball valve, with female-male threaded connections. Nickel plated brass finishing. Full port. Yellow lever handle (gas use). EN331:2015 approved.

R781GB

PRODUCT CODE	SIZE		
R781GBX003	Rp 1/2" x G 1/2"M	5	50
R781GBX004	Rp 3/4" x G 3/4"M	5	50
R781GBX005	Rp 1" x G 1"M	3	30



CERTIFICATIONS AND SYMBOLS



① INFO

Certificate available on giacomini.com

Angle ball valve, with female-male threaded connections. Nickel plated brass finishing. Full port. Yellow T-handle (gas use). Resistance to high temperatures: EN 331:2015 certified; class B0,1; 650 °C for 30'.

R734GA

PRODUCT CODE	SIZE		
R734GAX002	3/8"F	10	100
R734GAX003	1/2"F	10	100
R734GAX004	3/4"F	5	50
R734GAX005	1"F	5	25
R734GAX006	1-1/4"F	2	20



CERTIFICATIONS AND SYMBOLS



① INFO

Certificate available on giacomini.com

Ball valve, with female-male threaded connections. Nickel plated brass finishing. Full port. Yellow T-handle (gas use). EN331:2015 approved.

R782GB

PRODUCT CODE	SIZE		
R782GBX003	G 1/2"M x G 1/2"M	5	50



CERTIFICATIONS AND SYMBOLS



① INFO

Certificate available on giacomini.com

Angle ball valve, with male-male threaded connections. Nickel plated brass finishing. Full port. Yellow T-handle (gas use). Resistance to high temperatures: EN 331:2015 certified; class B0,1; 650 °C for 30'.



R783GB

PRODUCT CODE	SIZE		
R783GBX003	Rp 1/2"	5	50
R783GBX004	Rp 3/4"	5	50
R783GBX005	Rp 1"	3	30

Angle ball valve, with female-female threaded connections. Nickel plated brass finishing. Full port. Yellow T-handle (gas use). Resistance to high temperatures: EN 331:2015 certified; class B0,1; 650 °C for 30'.

INFO

Certificate available on giacomini.com

CERTIFICATIONS AND SYMBOLS



R950

PRODUCT CODE	SIZE		
R950X001	1/4"	20	200
R950X002	3/8"	10	100
R950X003	1/2"	5	50
R950X004	3/4"	5	35
R950X005	1"	5	25
R950X006	1-1/4"	4	20
R950X007	1-1/2"	2	10
R950X008	2"	1	4

DADO ball valve, with female-female threaded connections, heavy series. Nickel plated brass finishing. Full port. Yellow lever handle (gas use).

INFO

Certificate available on giacomini.com



R910

PRODUCT CODE	SIZE		
R910X009	2-1/2"	2	4
R910X010	3"	1	2
R910X011	4"	1	-

DADO ball valve, with female-female threaded connections. Nickel plated brass finishing. Full port. Yellow lever handle (gas use).

INFO

Certificate available on giacomini.com



➤ Ball valves for domestic water use with DVGW approval

R950W

PRODUCT CODE	SIZE		
R950WX002	3/8"	10	100
R950WX003	1/2"	5	50
R950WX004	3/4"	5	35
R950WX005	1"	5	25
R950WX006	1-1/4"	4	20
R950WX007	1-1/2"	2	10
R950WX008	2"	2	6

DADO ball valve, with female-female threaded connections, heavy series, specific for domestic water. Nickel plated brass finishing. Full port. Green lever handle (water use).



R250WS

PRODUCT CODE	SIZE		
R250SX143	1/2"	5	50
R250SX144	3/4"	5	50
R250SX145	1"	5	25
R250SX146	1-1/4"	4	20
R250SX147	1-1/2"	2	10
R250SX148	2"	2	10

Ball valve, with female-female threaded connections, with drain cock with hose connection Ø9 mm, specific for domestic water. Nickel plated brass finishing. Standard port. Green lever handle (water use).



INFO

1/2", 3/4", 1":
drain cock 1/4".
1-1/4", 1-1/2", 2":
drain cock 3/8".

R951W

PRODUCT CODE	SIZE		
R951WX003	1/2"	10	100
R951WX004	3/4"	5	50
R951WX005	1"	5	25
R951WX006	1-1/4"	4	20

DADO ball valve, with female-female threaded connections, heavy series, specific for domestic water. Nickel plated brass finishing. Full port. Green T-handle (water use).



R250W

PRODUCT CODE	SIZE		
R250WX022	3/8"	10	100
R250WX023	1/2"	10	100
R250WX024	3/4"	5	50
R250WX025	1"	5	25
R250WX026	1-1/4"	4	20
R250WX027	1-1/2"	2	10
R250WX028	2"	2	10

Ball valve, with female-female threaded connections, specific for domestic water. Nickel plated brass finishing. Standard port. Green lever handle (water use).



R251W

PRODUCT CODE	SIZE		
R251WX022	3/8"	10	100
R251WX023	1/2"	10	100
R251WX024	3/4"	5	50
R251WX025	1"	5	25
R251WX026	1-1/4"	4	20



Ball valve, with female-female threaded connections, specific for domestic water. Nickel plated brass finishing. Standard port. Green T-handle (water use).

R251WT

PRODUCT CODE	SIZE		
R251WX102	3/8"	1	30
R251WX103	1/2"	1	25
R251WX104	3/4"	1	20
R251WX105	1"	1	15
R251WX106	1-1/4"	1	12



Ball valve, with female-female threaded connections, specific for domestic water. Nickel plated brass finishing. Standard port. Extended T-handle with green, red and blue plates (water use).

R251WST

PRODUCT CODE	SIZE		
R251SX103	1/2"	5	50
R251SX104	3/4"	5	50
R251SX105	1"	3	30
R251SX106	1-1/4"	2	10



Ball valve, with female-female threaded connections, with drain cock, specific for domestic water. Nickel plated brass finishing. Standard port. Extended T-handle with green, red and blue plates (water use).

R251WP

PRODUCT CODE	SIZE		
R251WX073	1/2"F x 3/4"F nut	5	50
R251WX074	3/4"F x 3/4"F nut	5	50
R251WX075	3/4"F x 1"F nut	4	40
R251WX076	1"F x 1"F nut	5	25



Ball valve, with female-female threaded connections with nut and gasket, for meters connection, specific for domestic water. Nickel plated brass finishing. Standard port. Green T-handle (water use).

R253W

PRODUCT CODE	SIZE		
R253WX002	3/8"	10	100
R253WX003	1/2"	10	100
R253WX004	3/4"	5	50
R253WX005	1"	5	50
R253WX006	1-1/4"	4	20



Ball valve, with male-male threaded connections, specific for domestic water. Nickel plated brass finishing. Standard port. Green T-handle (water use).

R253WL

PRODUCT CODE	SIZE		
R253WX032	3/8"	10	100
R253WX033	1/2"	10	100
R253WX034	3/4"	5	50
R253WX035	1"	2	20
R253WX036	1-1/4"	2	20



Ball valve, with male-male threaded connections, specific for domestic water. Nickel plated brass finishing. Standard port. Green lever handle (water use).

R254W

PRODUCT CODE	SIZE		
R254WX022	3/8"	10	100
R254WX023	1/2"	10	100
R254WX024	3/4"	5	50
R254WX025	1"	5	25
R254WX026	1-1/4"	4	20



Ball valve, with female-male threaded connections, specific for domestic water. Nickel plated brass finishing. Standard port. Green T-handle (water use).

R254WL

PRODUCT CODE	SIZE		
R254WX052	3/8"	10	100
R254WX053	1/2"	10	100
R254WX054	3/4"	5	50
R254WX055	1"	5	25
R254WX056	1-1/4"	2	20
R254WX057	1-1/2"	2	10
R254WX058	2"	2	10



Ball valve, with female-male threaded connections, specific for domestic water. Nickel plated brass finishing. Standard port. Green lever handle (water use).

R259W

PRODUCT CODE	SIZE		
R259WX023	1/2"F x 1/2"M	1	50
R259WX024	1/2"F x 3/4"M	1	50
R259WX025	3/4"F x 3/4"M	10	20
R259WX026	3/4"F x 1"M	10	20
R259WX027	1"F x 1"M	1	20
R259WX028	1"F x 1-1/4"M	1	20
R259WX029	1-1/4"F x 1-1/4"M	1	20



Ball valve, with female-tail piece male threaded connections, specific for domestic water. Nickel plated brass finishing. Standard port. Green T-handle (water use).

R850VW

PRODUCT CODE	SIZE	□	▢
R850VY137	Ø42	2	12
R850VY138	Ø54	2	10

Ball valve, with press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), specific for domestic water.

Brass finishing. Full port. Green lever handle (water use). Pressable with "V" profile tongs.



R851VT

PRODUCT CODE	SIZE	□	▢
R851VY102	Ø18	5	50
R851VY103	Ø15	5	50
R851VY104	Ø22	3	30
R851VY105	Ø28	3	15
R851VY106	Ø35	2	10

Ball valve, with press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), for pipes with high insulation thickness, specific for domestic water. Brass finishing.

Full port. Extended T-handle with green, red and blue plates (water use). Pressable with "V", "SA" or "M" profile tongs.



R851VTS

PRODUCT CODE	SIZE	□	▢
R851VY152	1/2"F x Ø18	5	50
R851VY153	1/2"F x Ø15	5	50
R851VY154	3/4"F x Ø22	3	30
R851VY155	1"F x Ø28	3	30

Ball valve, with press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), for pipes with high insulation thickness, specific for domestic water, with drain cock with hose connection Ø9 mm. Brass finishing.

Full port. Extended T-handle with green, red and blue plates (water use). Pressable with "V", "SA" or "M" profile tongs.

① INFO
Drain cock 1/4".



R854VWL

PRODUCT CODE	SIZE	□	▢
R854VY137	1-1/2"F x Ø42	2	10
R854VY138	2"F x Ø54	2	10

Ball valve, with female threaded-press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), specific for domestic water. Brass finishing. Full port. Green lever handle (water use). Pressable with "V" profile tongs.



R853VT

PRODUCT CODE	SIZE	□	▢
R853VY102	1/2"M x Ø18	5	50
R853VY103	1/2"M x Ø15	5	50
R853VY104	3/4"M x Ø22	3	30
R853VY105	1"M x Ø28	3	30
R853VY106	1-1/4"M x Ø35	2	10

Ball valve, with male threaded-press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), for pipes with high insulation thickness, specific for domestic water.

Brass finishing. Full port. Extended T-handle with green, red and blue plates (water use). Pressable with "V", "SA" or "M" profile tongs.



R853VWL

PRODUCT CODE	SIZE	□	▢
R853VY137	1-1/2"M x Ø42	2	10
R853VY138	2"F x Ø54	2	10

Ball valve, with male threaded-press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), specific for domestic water. Brass finishing. Full port. Green lever handle (water use). Pressable with "V" profile tongs.



R854VT

PRODUCT CODE	SIZE	□	▢
R854VY102	1/2"F x Ø18	5	50
R854VY103	1/2"F x Ø15	5	50
R854VY104	3/4"F x Ø22	3	30
R854VY105	1"F x Ø28	3	30
R854VY106	1-1/4"F x Ø35	2	20

Ball valve, with female threaded-press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), for pipes with high insulation thickness, specific for domestic water. Brass finishing. Full port. Extended T-handle with green, red and blue plates (water use). Pressable with "V", "SA" or "M" profile tongs.



R859VT

PRODUCT CODE	SIZE	□	▢
R859VY102	1/2"M x Ø18	5	50
R859VY103	1/2"M x Ø15	5	50
R859VY104	3/4"M x Ø22	3	30
R859VY105	1"M x Ø28	3	15
R859VY106	1-1/4"M x Ø35	2	10

Ball valve, with tail piece male threaded-press connections (for copper pipe complying with EN 1057; for stainless steel pipe complying with EN 10217-7 and EN 10312; for carbon steel pipe complying with EN 10305-3), for pipes with high insulation thickness, specific for domestic water. Brass finishing. Full port. Extended T-handle with green, red and blue plates (water use). Pressable with "V", "SA" or "M" profile tongs.



➤ Ball valves with alternative standards for water for heating/cooling systems and gas

R250D-BSP

CHROME PLATED BRASS FINISHING

PRODUCT CODE	SIZE	☐	☒
R250ZX001	1/4" BSP	20	200
R250ZX002	3/8" BSP	10	100
R250ZX003	1/2" BSP	10	100
R250ZX004	3/4" BSP	5	50
R250ZX005	1" BSP	5	25
R250ZX006	1-1/4" BSP	4	20
R250ZX007	1-1/2" BSP	2	10
R250ZX008	2" BSP	2	10
R250ZX009	2-1/2" BSP	2	4
R250ZX010	3" BSP	2	4
R250ZX011	4" BSP	1	2

BRASS FINISHING

PRODUCT CODE	SIZE	☐	☒
R250ZY001	1/4" BSP	20	200
R250ZY002	3/8" BSP	10	100
R250ZY003	1/2" BSP	10	100
R250ZY004	3/4" BSP	5	50
R250ZY005	1" BSP	5	25
R250ZY006	1-1/4" BSP	4	20
R250ZY007	1-1/2" BSP	2	10
R250ZY008	2" BSP	2	10
R250ZY009	2-1/2" BSP	2	4
R250ZY010	3" BSP	2	4
R250ZY011	4" BSP	1	2

Ball valve, with female-female threaded connections. Chrome plated brass finishing or brass finishing. Standard port. Red lever handle (water use).



R910-U

NICKEL PLATED BRASS FINISHING

PRODUCT CODE	SIZE	☐	☒
R910UX003	1/2" NPT	10	100
R910UX004	3/4" NPT	5	50
R910UX005	1" NPT	5	25
R910UX006	1-1/4" NPT	4	20
R910UX007	1-1/2" NPT	2	10
R910UX008	2" NPT	2	10

BRASS FINISHING

PRODUCT CODE	SIZE	☐	☒
R910UY003	1/2" NPT FxF	10	100
R910UY004	3/4" NPT FxF	5	50
R910UY005	1" NPT FxF	5	25
R910UY006	1-1/4" NPT FxF	4	20
R910UY007	1-1/2" NPT FxF	2	10
R910UY008	2" NPT FxF	2	10
R910UY009	2-1/2" NPT FxF	2	4
R910UY010	3" NPT FxF	1	2
R910UY011	4" NPT FxF	1	-

DADO ball valve, with female-female connections. Nickel plated brass finishing or brass finishing. Full port. Red lever handle.

① INFO

For information about product certification (applicability, field of use, terms of approval), please contact Giacomini technical support.



R254D-BSP

PRODUCT CODE	SIZE	☐	☒
R254ZX003	1/2" BSP	10	100
R254ZX004	3/4" BSP	5	50
R254ZX005	1" BSP	5	25
R254ZX006	1-1/4" BSP	4	20

Ball valve, with female-male threaded connections. Chrome plated brass finishing. Standard port. Red T-handle (water use).



R850-U

RED LEVER

PRODUCT CODE	SIZE	☐	☒
R850UY003	1/2"NPT-F	10	100
R850UY004	3/4"NPT-F	5	50
R850UY005	1"NPT-F	5	25
R850UY006	1-1/4"NPT-F	4	20
R850UY007	1-1/2"NPT-F	2	10
R850UY008	2"NPT-F	2	10

YELLOW LEVER

PRODUCT CODE	SIZE	☐	☒
R850UY181	1/4"NPT-F	20	200
R850UY182	3/8"NPT-F	10	100
R850UY183	1/2"NPT-F	10	100
R850UY184	3/4"NPT-F	5	50
R850UY185	1"NPT-F	5	25
R850UY186	1-1/4"NPT-F	4	20
R850UY187	1-1/2"NPT-F	2	12
R850UY188	2"NPT-F	2	10

Ball valve, with female-female connections. Brass finishing. Full port. Red or yellow lever handle.

① INFO

For information about product certification (applicability, field of use, terms of approval), please contact Giacomini technical support.



R250D-U

PRODUCT CODE	SIZE		
R250UY001	1/4" NPT	20	200
R250UY002	3/8" NPT	10	100
R250UY003	1/2" NPT	10	100
R250UY004	3/4" NPT	5	50
R250UY005	1" NPT	6	30
R250UY006	1-1/4" NPT	4	20
R250UY007	1-1/2" NPT	2	10
R250UY008	2" NPT	2	10
R250UY009	2-1/2" NPT	2	4
R250UY010	3" NPT	2	4
R250UY011	4" NPT	1	2



Ball valve, with female-female connections.
Brass finishing. Standard port.
Red lever handle.

INFO

For information about product certification (applicability, field of use, terms of approval), please contact Giacomini technical support.

R254D-U

PRODUCT CODE	SIZE		
R254UY003	1/2" NPT	10	100
R254UY004	3/4" NPT	5	50
R254UY005	1" NPT	6	36
R254UY006	1-1/4" NPT	4	20



Ball valve, with female-male threaded connections. Brass finishing. Standard port. Red T-handle.

INFO

For information about product certification (applicability, field of use, terms of approval), please contact Giacomini technical support.

Special valves for heating systems

R252

PRODUCT CODE	SIZE		
R252Y001	1"F x 1-1/2"F nut	2	50
R252Y002	1-1/4"F x 2"F nut	2	20
R252Y003	Ø22 x 1-1/2"F nut	2	50
R252Y004	Ø28 x 1-1/2"F nut	2	50
R252Y021	1"F x 1-1/2"F nut	2	50



Ball valve, with female-female threaded connections with nut and gasket or with compression-female threaded connections with nut and gasket, for the connection of pump or mixing valve. Brass finishing. Standard port. Screwdriver bonnet handle (water use). For opening and closing operations use a screwdriver or a 5 mm Allen key.

R287

PRODUCT CODE	SIZE		
R287Y005	1"F x 1-1/2"F nut	4	20



Ball valve, with female-female nut threaded connections, specific for pump connection, with additional connections for thermometers or other optional components. Brass finishing. Standard port. Red T-handle (water use).

R287M

PRODUCT CODE	SIZE		
R287MY005	1"F x 1-1/2"F nut	1	10



Couple of ball valves, with female-female nut connections, specific for pump connection, with thermometers (R540 series), check valves (R288), plugs (R92). Brass finishing. Standard port. Red and blue T-handles (water use).

R285

PRODUCT CODE	SIZE		
R285Y001	1"F x 1-1/2" nut connection	4	40
R285Y002	1-1/4"F x 1-1/2" nut connection	4	20
R285Y003	1-1/4"F x 2" nut connection	4	20



Ball valve, with female threaded connection-connection for nut, specific for pump connection. Brass finishing. Standard port. Red T-handle (water use).

INFO

To be completed with P18LY007 (1 1/2") or P18LY009 (2") nut.
Possibility to install the R288 check valve inside the valve.

R285L

PRODUCT CODE	SIZE		
R285LY001	1"F x 1-1/2" nut connection	4	40
R285LY003	1-1/4"F x 2" nut connection	4	20

Ball valve, with female threaded connection-connection for nut, specific for pump connection. Brass finishing. Standard port. Red lever handle (water use).

① INFO

To be completed with P18LY007 (1 1/2") or P18LY009 (2") nut. Possibility to install the R288 check valve inside the valve.



R285F

PRODUCT CODE	SIZE		
R285FY001	1"F x nut 1-1/2"F	1	25
R285FY003	1-1/4"F x nut 2"F	1	25

Ball valve, with female threaded connection-nut female, specific for pump connection, for pipes with high insulation thickness, with integrated check valve. Brass finishing. Standard port. Extended T-handle with red and blue plates (water use).



R248M

PRODUCT CODE	SIZE		
R248Y023	1/2"M x 3/4"M	5	50

Ball cock, with male-male threaded connections. Brass finishing. Standard port. Red one lug T-handle (water use).



R248F

PRODUCT CODE	SIZE		
R248Y024	1/2"F x 3/4"M	5	50

Ball cock, with female-male threaded connections. Brass finishing. Standard port. Red one lug T-handle (water use).



R608

PRODUCT CODE	SIZE		
R608Y012	3/8"	10	100
R608Y013	1/2"	1	100
R608Y014	3/4"	1	50
R608Y022	3/8"	10	100
R608Y023	1/2"	1	100
R608Y024	3/4"	5	50
R608Y033	1/2"	1	100
R608Y034	3/4"	5	50

Ball cock, with male threaded connection-hose connection. Brass finishing. Standard port. Screwdriver bonnet handle (water use). For opening and closing operations use a screwdriver or a 5 mm Allen key.

① INFO

R608Y012, R608Y013, R608Y014: with hose connection, nut and cap.
R608Y022, R608Y023, R608Y024: with hose connection and nut.
R608Y033, R608Y034: with cap only.



R608D

PRODUCT CODE	SIZE		
R608DY053	1/2"	1	60

Ball cock, with self-sealing male threaded connection-hose connection, nut and cap. Brass finishing. Standard port. Red short lever handle (water use).



R609

PRODUCT CODE	SIZE		
R609Y012	3/8"	10	100
R609Y013	1/2"	10	100
R609Y014	3/4"	5	50

Ball cock, with male-female threaded connections. Brass finishing. Standard port. Screwdriver bonnet handle (water use). For opening and closing operations use a screwdriver or a 5 mm Allen key.



R610

PRODUCT CODE	SIZE		
R610Y003	1/2"	10	100

Ball cock, with male-male threaded connections. Brass finishing. Standard port. Screwdriver bonnet handle (water use). For opening and closing operations use a screwdriver or a 5 mm Allen key.



R611

PRODUCT CODE	SIZE		
R611Y012	3/8"	10	100
R611Y013	1/2"	10	100
R611Y014	3/4"	5	50

Ball cock, with female-female threaded connections. Brass finishing. Standard port. Screwdriver bonnet handle (water use). For opening and closing operations use a screwdriver or a 5 mm Allen key.



R612

PRODUCT CODE	SIZE		
R612Y003	1/2" x 16	10	100

Ball cock, with male threaded connection-base for adaptor. Brass finishing. Standard port. Screwdriver bonnet handle (water use). For opening and closing operations use a screwdriver or a 5 mm Allen key.



➤ MINI ball valves

R613

PRODUCT CODE	SIZE	☐	☒
R613X003	1/2" x 1/2"	2	90

Under-sink ball cock, with male-male threaded connections. Chrome plated brass finishing. Standard port. Plastic handle (water use).



R614

PRODUCT CODE	SIZE	☐	☒
R614X004	1/2" x 3/4"	1	80

Washing machine ball cock, with male-male threaded connections. Chrome plated brass finishing. Standard port. Plastic handle (water use).



R690

PRODUCT CODE	SIZE	☐	☒
R690X002	3/8"	1	50
R690X003	1/2"	1	50

MINI series ball valve, with female-female threaded connections. Chrome plated brass finishing. Standard port. Plastic short lever with red, green and blue plates (water use).



R694

PRODUCT CODE	SIZE	☐	☒
R694X002	3/8"	1	50
R694X003	1/2"	1	50

MINI series ball valve, with female-male threaded connections. Chrome plated brass finishing. Standard port. Plastic short lever with red, green and blue plates (water use).



➤ Bib cocks

R619

PRODUCT CODE	SIZE	☐	☒
R619IX103	1/2"	5	50

Hose bib, with male threaded connection-hose connection. Chrome plated brass finishing. Standard port. Red short lever handle (water use).



R621

PRODUCT CODE	SIZE	☐	☒
R621X003	1/2"	5	50
R621X014	3/4"	5	50
R621X015	1"	3	30

Hose bib, with male threaded connection-hose connection. Chrome plated brass finishing. Standard port. Red lever handle (water use).



R620

PRODUCT CODE	SIZE	☐	☒
R620X003	1/2"	5	50
R620X014	3/4"	5	50
R620X015	1"	3	30

Hose bib, with male threaded connection-hose connection. Chrome plated brass finishing. Standard port. Red T-handle (water use).



R622

PRODUCT CODE	SIZE	☐	☒
R622X004	3/4"	20	200

Backflow preventer for hydraulic connection to the water distribution network with plastic pipes. Chrome plated brass.



➤ Accessories and spare parts

R749F

PRODUCT CODE	SIZE	☐	☒
R749FY001	3/8" - 1/2"	1	50
R749FY002	3/4" - 1" - 1-1/4"	1	-
R749FY003	1-1/2" - 2"	1	-

Plastic extended T-handle for ball valves, with red, blue and green plates.



R747N

PRODUCT CODE	SIZE	☐	☒
R747NY004	2-1/2" - 3"	100	1.000
R747NY005	4"	100	1.000

Metallic locking plate for ball valves (placing this locking plate under the handle allows the valve to be locked in either open or closed position).



R747

PRODUCT CODE	SIZE		
R747Y001	3/8" - 1/2"	100	1.000
R747Y002	3/4" - 1" - 1-1/4"	100	1.000
R747Y003	1-1/2" - 2"	100	1.000

Metallic locking plate for ball valves
(placing this locking plate under the handle
allows the valve to be locked in either open
or closed position).

INFO

Not suitable for valves with large lever handle.



R749T

CHROME PLATED BRASS FINISHING

PRODUCT CODE	SIZE		
R749TX101	3/8" - 1/2"	25	250
R749TX102	3/4" - 1" - 1-1/4"	10	100
R749TX103	1-1/2" - 2"	5	50
R749TX004	2-1/2" - 3"	5	50
R749TX005	4"	5	50

BRASS FINISHING

PRODUCT CODE	SIZE		
R749TY101	3/8" - 1/2"	25	250
R749TY102	3/4" - 1" - 1-1/4"	10	100
R749TY103	1-1/2" - 2"	5	50
R749TY004	2-1/2" - 3"	5	50
R749TY005	4"	5	50

Cylinder extension for ball valves.

INFO

R749TX101, R749TY101: for all the ball valves of 3/8", 1/2".
R749TX102, R749TY102: for all the ball valves of 3/4", 1", 1-1/4".
R749TX103, R749TY103: for all the ball valves of 1-1/2", 2".
R749TX004, R749TY004: for ball valves R850, R250D of 2-1/2", 3".
R749TX005, R749TY005: for valves R910 of 2-1/2", 3", 4"
and valves R850, R250D of 4".



R37

BRASS FINISH

PRODUCT CODE	SIZE		
R37Y003	1/2" x 3/4"	25	250
R37Y004	3/4" x 1"	10	100

CHROME PLATED

PRODUCT CODE	SIZE		
R37X003	1/2" x 3/4"	25	150
R37X004	3/4" x 1"	10	100

Fitting for the meter connection.



P18L

PRODUCT CODE	SIZE		
P18LY007	1-1/2" for R252, R285, R285L	1	20
P18LY008	1-1/2" for R287	1	15
P18LY009	2" - for R252, R285, R285L	1	20

Brass nut, female thread.



R540F

PRODUCT CODE	SIZE		
R540FY002	0÷120 °C - red	1	6
R540FY022	0÷120 °C - blue	1	6

Contact thermometer for R749F T-handle.
Scale 0÷120 °C, Ø40 mm.



R288

PRODUCT CODE	SIZE		
R288Y005	1"	25	250
R288Y006	1-1/4"	25	250

Plastic check valve for R285, R285L, R287M ball
valves.

INFO

R288Y005: for R285Y001, R285Y002, R285LY001,
R285FY001, R287MY005.
R288Y006: for R285Y003, R285LY003, R285FY003.



R625

CHROME PLATED BRASS FINISHING

PRODUCT CODE	SIZE		
R625X002	3/8"	1	-
R625X003	1/2"	1	-
R625X004	3/4"	1	-
R625X014	1" x R620X014, R621X014 (1")	1	-
R625X015	1-1/4" x R620X015, R621X015 (1")	1	-

BRASS FINISHING

PRODUCT CODE	SIZE		
R625Y002	3/8"	1	-
R625Y003	1/2"	1	-
R625Y004	3/4"	1	-

Nut and hose connection for ball cocks.



P31LR

PRODUCT CODE	SIZE		
P31LRY001	1/4"	1	-
P31LRY005	2-1/2" - 3"	1	-
P31LRY006	4"	1	-
P31LRY102	3/8" - 1/2"	1	-
P31LRY103	3/4" - 1" - 1-1/4"	1	-
P31LRY104	1-1/2" - 2"	1	-

Red lever handle for ball valves.



INFO

Please indicate in your
order the model and the
relative size of the valve.

P31LG

PRODUCT CODE	SIZE		
P31LGY001	1/4"	1	-
P31LGY005	2-1/2" - 3"	1	-
P31LGY006	4"	1	-
P31LGY102	3/8" - 1/2"	1	-
P31LGY103	3/4" - 1" - 1-1/4"	1	-
P31LGY104	1-1/2" - 2"	1	-

Yellow lever handle for ball valves.



INFO

Please indicate in your
order the model and the
relative size of the valve.



P31LV

PRODUCT CODE	SIZE		
P31LVY102	3/8" - 1/2"	1	100
P31LVY103	3/4" - 1" - 1-1/4"	1	25
P31LVY104	1-1/2" - 2"	1	25

Green lever handle for ball valves.



INFO

Please indicate in your order the model and the relative size of the valve.

P31FR

T-HANDLE

PRODUCT CODE	SIZE		
P31FRY001	1/4"	1	-
P31FRY002	3/8" - 1/2"	1	-
P31FRY003	3/4" - 1" - 1-1/4"	1	-
P31FRY013	3/4" - 1" - 1-1/4"	1	50

ONE LUG T-HANDLE

PRODUCT CODE	SIZE		
P31FRY012	3/8" - 1/2"	1	100

Red T-handle for ball valves.



INFO

Please indicate in your order the model and the relative size of the valve.

P31FG

T-HANDLE

PRODUCT CODE	SIZE		
P31FGY001	1/4"	1	-
P31FGY002	3/8" - 1/2"	1	-
P31FGY003	3/4" - 1" - 1-1/4"	1	-

ONE LUG T-HANDLE

PRODUCT CODE	SIZE		
P31FGY013	3/4" - 1" - 1-1/4"	1	50

Yellow T-handle for ball valves.



INFO

Please indicate in your order the model and the relative size of the valve.

P31FV

PRODUCT CODE	SIZE		
P31FVY002	3/8" - 1/2"	100	800
P31FVY003	3/4" - 1" - 1-1/4"	50	500

Green T-handle for ball valves.

INFO

Please indicate in your order the model and the relative size of the valve.



P31FA

PRODUCT CODE	SIZE		
P31FAY002	3/8" - 1/2"	100	800
P31FAY003	3/4" - 1" - 1-1/4"	50	500

Blue T-handle for ball valves.

INFO

Please indicate in your order the model and the relative size of the valve.



P22F

PRODUCT CODE	SIZE		
P22FY001	3/8" - 1/2" (red)	1	-
P22FY003	3/4" (red)	1	-
P22FY011	3/8" - 1/2" (yellow)	1	-
P22FY013	3/4" (yellow)	1	-

Metallic red handle for ball cocks.

INFO

Please indicate in your order the model and the relative size of the valve.



P22L

PRODUCT CODE	SIZE		
P22LY001	3/8" - 1/2" (red)	1	-
P22LY003	3/4" (red)	1	-
P22LY011	3/8" - 1/2" (yellow)	1	-
P22LY013	3/4" (yellow)	1	-

Metallic red short lever for ball cocks.

INFO

Please indicate in your order the model and the relative size of the valve.



P23F

PRODUCT CODE	SIZE		
P23FY002	3/8"	1	-
P23FY003	1/2"	1	-
P23FY004	3/4"	1	-

Brass cap and chain for ball cocks.



P23M

PRODUCT CODE	SIZE		
P23MY003	1/2"	1	-

Brass plug and chain for ball cocks.



P57G

PRODUCT CODE	SIZE		
P57GY007	1-1/2"	1	50
P57GY008	2" x R252	200	1,000
P57GY014	3/4" x R37 1/2"	1	50
P57GY015	1" x R37 3/4"	1	50

Spare gasket for flat seats.



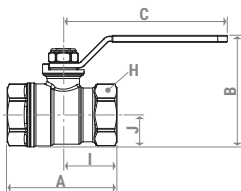


WARNING

CHECK THE OPERATING CONDITIONS BY REFERRING TO THE SPECIFIC TECHNICAL DATASHEET

R950

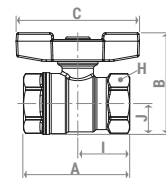
SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	43	21	36	10	43	17	6,9
3/8"	10	49	25	47	13	77	21	7
1/2"	15	60	30	53	16	77	26	13,3
3/4"	20	68	34	69	21	95	32	25,8
1"	25	81	41	77	25	95	41	50,9
1-1/4"	32	95	48	87	30	95	50	103
1-1/2"	40	104	52	107	36	137	55	147
2"	50	126	63	122	44	137	70	222



Min. working temperature: -20 °C with 50 % glycol solutions
 Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 1/4" - 3/8" - 1/2" - 3/4"
 3,5 MPa (35 bar) for 1" - 1-1/4" - 1-1/2" - 2"
 Temperature range with dangerous gas and liquid hydrocarbons: -20÷60 °C
 Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)
 Max. operating pressure (MOP) with dangerous gas: 0,5 MPa (5 bar)

R911

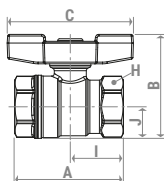
SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	49	25	48	13	63	21	7
1/2"	15	56	28	56	16	63	25	13,3
3/4"	20	62	31	64	21	73	32	25,8
1"	25	76	38	72	25	73	39	50,9
1-1/4"	32	86	43	82	30	73	47	103



Min. working temperature: -20 °C with 50 % glycol solutions
 Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
 3,5 MPa (35 bar) for 1" - 1-1/4"
 Temperature range with liquid hydrocarbons: -20÷60 °C
 Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R951

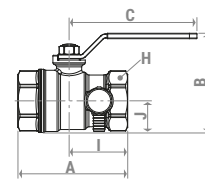
SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	43	21	36	10	42	17	6,9
3/8"	10	49	25	47	13	63	21	7
1/2"	15	60	30	53	16	63	26	13,3
3/4"	20	68	34	69	21	77	32	25,8
1"	25	81	41	77	25	77	41	50,9
1-1/4"	32	95	48	87	30	77	50	103



Min. working temperature: -20 °C with 50 % glycol solutions
 Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 1/4" - 3/8" - 1/2" - 3/4"
 3,5 MPa (35 bar) for 1" - 1-1/4"
 Temperature range with liquid hydrocarbons: -20÷60 °C
 Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R910S

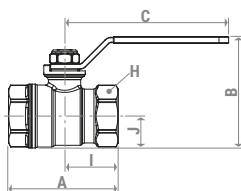
SIZE	DN	A	I	B	J	C	H	Kv
1/2"	15	62	34	52	16	77	25	13,3
3/4"	20	68	37	69	21	95	32	25,8
1"	25	82	44	77	25	95	39	50,9
1-1/4"	32	100	57	87	30	95	47	103
1-1/2"	40	110	62	108	37	137	54	147
2"	50	125	69	124	46	137	67	222



Temperature range with water:
 -20÷120 °C (-20 °C with 50 % glycol solutions)
 Max. working pressure at 20 °C with water:
 4,2 MPa (42 bar) for 1/2" - 3/4"
 3,5 MPa (35 bar) for 1" - 1-1/4" - 1-1/2" - 2"

R910

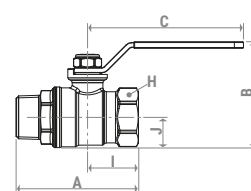
SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	50	25	47	13	77	21	7
2"	50	111	55	125	46	137	67	222
2-1/2"	65	153	76	170	58	187	82	336
3"	80	173	87	189	68	187	96	377
4"	100	217	108	242	88	257	126	645



Min. working temperature: -20 °C with 50 % glycol solutions
 Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
 3,5 MPa (35 bar) for 1" - 1-1/4" - 1-1/2" - 2"
 2,8 MPa (28 bar) for 2 1/2" - 3" - 4"

R914L

SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	51	21	36	10	42	17	6,9
3/8"	10	59	25	46	13	77	21	7
1/2"	15	68	28	52	16	77	25	13,3
3/4"	20	76	31	69	21	95	32	25,8
1"	25	88	39	77	25	95	39	50,9
1-1/4"	32	102	43	87	30	95	47	103
1-1/2"	40	105	48	108	37	137	54	147
2"	50	124	55	124	46	137	67	222

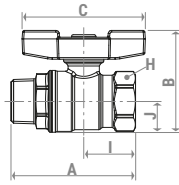


Min. working temperature: -20 °C with 50 % glycol solutions
 Max. working temperature with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 1/4", 3/8", 1/2", 3/4"
 3,5 MPa (35 bar) for 1", 1-1/4", 1-1/2", 2"
 Temperature range with liquid hydrocarbons: -20÷60 °C
 Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)



R914

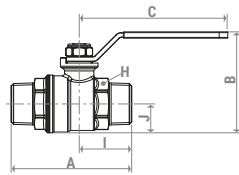
SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	51	21	35	10	40	17	6,9
3/8"	10	59	25	48	13	63	21	7
1/2"	15	68	28	55	16	63	25	13,3
3/4"	20	76	31	64	21	73	32	25,8
1"	25	87	38	72	25	73	39	50,9
1-1/4"	32	102	43	82	30	73	47	103



Min. working temperature: -20 °C with 50 % glycol solutions
 Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 1/4" - 3/8" - 1/2" - 3/4"
 3,5 MPa (35 bar) for 1" - 1-1/4"
 Temperature range with liquid hydrocarbons: -20+60 °C
 Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R913L

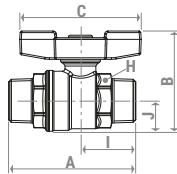
SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	63	28	46	13	77	21	7
1/2"	15	73	34	52	16	77	25	13,3
3/4"	20	82	38	69	21	95	32	25,8
1"	25	92	44	77	25	95	39	50,9
1-1/4"	32	108	50	87	30	95	47	103



Min. working temperature: -20 °C with 50 % glycol solutions
 Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4" - 3,5 MPa (35 bar) for 1" - 1-1/4"
 Temperature range with liquid hydrocarbons: -20+60 °C
 Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R913

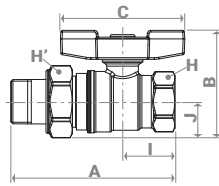
SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	63	28	49	13	63	21	7
1/2"	15	74	34	55	17	63	25	13,3
3/4"	20	82	38	64	21	73	32	25,8
1"	25	93	44	73	25	73	39	50,9
1-1/4"	32	108	50	82	30	73	47	103



Min. working temperature: -20 °C with 50 % glycol solutions
 Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4" - 3,5 MPa (35 bar) for 1" - 1-1/4"
 Temperature range with liquid hydrocarbons: -20+60 °C
 Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R919

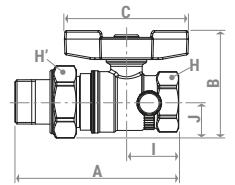
SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"F x 1/2"M	15	88	28	55	17	63	25	30	13,3
1/2"F x 3/4"M	15	90	28	59	21	63	25	38	13,3
3/4"F x 3/4"M	20	97	32	65	22	73	32	38	25,8
3/4"F x 1"M	20	101	31	67	23	73	32	46	25,8
1"F x 1"M	25	109	38	72	25	73	39	46	50,9
1"F x 1-1/4"M	25	115	38	77	30	73	39	53	50,9
1-1/4"F x 1-1/4"M	32	123	43	82	30	73	48	53	103



Min. working temperature: -20 °C with 50 % glycol solutions
 Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 1/2"F - 3/4"F - 3,5 MPa (35 bar) for 1"F - 1-1/4"F
 Temperature range with liquid hydrocarbons: -20+60 °C
 Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R919S

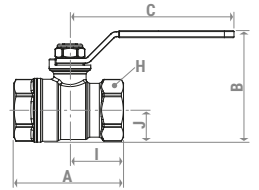
SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"F x 1/2"M	15	93	34	55	17	63	25	30	13,3
3/4"F x 3/4"M	20	103	37	65	21	73	32	38	25,8
1"F x 1"M	25	115	44	72	26	73	39	46	50,9
1-1/4"F x 1-1/4"M	32	137	57	82	30	73	48	53	103



Temperature range with water and not dangerous gas:
 -20+120 °C (-20 °C with 50 % glycol solutions)
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 1/2" - 3/4"
 3,5 MPa (35 bar) for 1" - 1-1/4"

R850

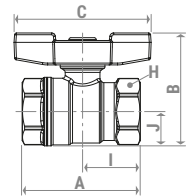
SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	43	21	36	10	43	17	6,6
3/8"	10	46	23	45	13	77	20	6,7
1/2"	15	53	27	51	16	77	25	12,7
3/4"	20	60	30	67	20	95	31	24,6
1"	25	74	37	76	25	95	38	48,5
1-1/4"	32	84	42	85	29	95	47	98
1-1/2"	40	95	47	104	35	137	54	140
2"	50	109	54	120	43	137	66	211
2-1/2"	58	146	73	154	52	173	82	240
3"	68	160	80	169	60	173	98	269
4"	90	207	104	207	77	187	122	461



Min. working temperature: -20 °C with 50 % glycol solutions
 Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
 Max. working pressure at 20 °C with water and not dangerous gas:
 3,5 MPa (35 bar) for 1/4" - 3/8" - 1/2" - 3/4"
 2,8 MPa (28 bar) for 1" - 1-1/4" - 1-1/2" - 2"
 Temperature range with liquid hydrocarbons: -20+60 °C
 Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R851

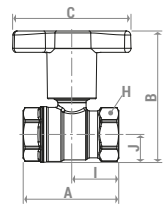
SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	43	21	35	10	40	17	6,6
3/8"	10	46	23	48	13	63	20	6,7
1/2"	15	53	27	54	16	63	25	12,7
3/4"	20	60	30	63	20	73	31	24,6
1"	25	74	37	72	25	73	38	48,5
1-1/4"	32	84	42	82	29	73	47	98



Min. working temperature: -20 °C with 50 % glycol solutions
 Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
 Max. working pressure at 20 °C with water and not dangerous gas:
 3,5 MPa (35 bar) for 1/4" - 3/8" - 1/2" - 3/4"
 2,8 MPa (28 bar) for 1" - 1-1/4"
 Temperature range with liquid hydrocarbons: -20+60 °C
 Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R851TH

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	46	23	73	13	78	20	6,7
1/2"	15	53	27	80	16	78	25	12,7
3/4"	20	60	30	89	20	78	31	24,6
1"	25	74	37	98	24	78	38	48,5
1-1/4"	32	84	42	108	30	78	47	98
1-1/2"	40	95	47	141	35	96	54	140
2"	50	109	54	156	43	96	66	211

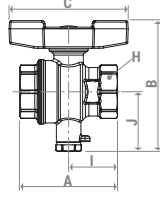


Temperature range with water and not dangerous gas:
 -20+110 °C (-20 °C with 50 % glycol solutions), possibility of 120 °C for short periods of time
 Max. working pressure at 20 °C with water and not dangerous gas:
 3,5 MPa (35 bar) for 3/8" - 1/2" - 3/4" - 2,8 MPa (28 bar) for 1" - 1-1/4" - 1-1/2" - 2"
 Temperature range with liquid hydrocarbons: -20+60 °C
 Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R851T

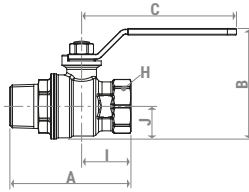
SIZE	DN	A	I	B	J	C	H	Kv
1/2"	15	53	27	73	35	63	25	12,7
3/4"	20	60	30	80	37	73	31	24,6
1"	25	74	37	86	39	73	38	48,5

Temperature range with water:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water:
3,5 MPa (35 bar) for 1/2" - 3/4"
2,8 MPa (28 bar) for 1"



R854L

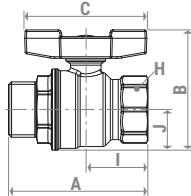
SIZE	DN	A	I	B	J	C	H	Kv
1/2"	15	66	27	52	16	77	25	12,7
3/4"	20	74	30	67	20	94	31	24,6
1"	25	86	37	76	24	94	38	48,5
1-1/4"	32	100	42	85	29	94	47	98
1-1/2"	40	110	47	105	35	136	54	140
2"	50	129	54	120	43	136	67	211



Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
3,5 MPa (35 bar) for 1/2" - 3/4"
2,8 MPa (28 bar) for 1" - 1-1/4" - 1-1/2" - 2"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R854

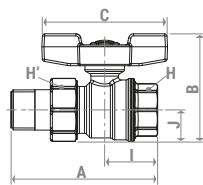
SIZE	DN	A	I	B	J	C	H	Kv
1/2"	15	64	27	54	16	63	25	12,7
3/4"	20	72	30	64	20	73	31	24,6
1"	25	83	37	72	24	73	38	48,5
1-1/4"	32	97	42	82	29	73	47	98



Min. working temperature:
-20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam:
185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
3,5 MPa (35 bar) for 1/2" - 3/4"
2,8 MPa (28 bar) for 1" - 1-1/4"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R859

SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2" F x 1/2" M	15	74	27	54	16	63	25	30	12,7
3/4" F x 3/4" M	20	83	30	64	20	73	31	38	24,6
1" F x 1" M	25	95	31	72	24	73	38	46	48,5
1-1/4" F x 1-1/4" M	32	112	42	82	30	73	47	53	98

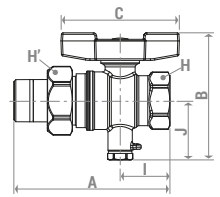


Min. working temperature:
-20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
3,5 MPa (35 bar) for 1/2" - 3/4"
2,8 MPa (28 bar) for 1" - 1-1/4"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R859T

SIZE	DN	A	I	B	J	C	H	H'	Kv
3/4" F x 3/4" M	20	95	30	80	36	73	31	38	24,6
3/4" F x 1" M	20	100	30	80	36	73	31	46	24,6
1" F x 1" M	25	108	37	84	38	73	38	46	48,5

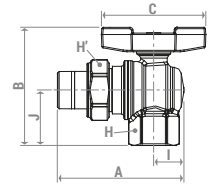
Temperature range with water:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water:
3,5 MPa (35 bar) for 3/4" F
2,8 MPa (28 bar) for 1" F



R789

SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2" F x 1/2" M	15	79	18	71	33	63	26	30	4,8
3/4" F x 3/4" M	20	89	21	82	39	73	32	38	8
1" F x 1" M	25	100	25	94	46	73	41	46	21,3

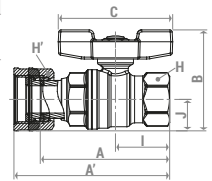
Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water and not dangerous gas: 1,6 MPa (16 bar)
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)



R752

SIZE	DN	A	A'	I	B	J	C	H	H'	Kv
1/2" F x nut 3/4" F	15	74	82	30	56	18	63	26	30	12,7

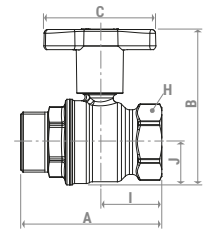
Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar)



R734TH

SIZE	DN	A	I	B	J	C	H	Kv
G 1-1/4" F x G 1-1/4" M	32	98	43	108	30	78	47	98
G 1-1/2" F x G 1-1/2" M	40	105	48	143	37	96	54	140

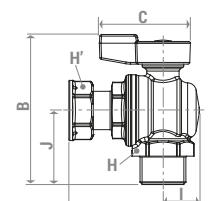
Temperature range: -20÷120 °C (-20 °C with 50 % glycol solutions) possibility of 120 °C for short periods of time
Max. working pressure at 20 °C with water and not dangerous gas: 2,8 MPa (28 bar)
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)



R780P-1

SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2" M x nut 1/2" F	15	65	17	78	40	44	26	24	4,8
3/4" M x nut 3/4" F	20	75	21	86	43	52	32	30	8

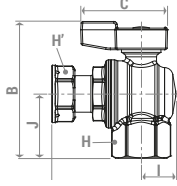
Temperature range with water:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water:
1,6 MPa (16 bar)



R781P-1

SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2" F x nut 1/2" F	15	65	17	71	33	44	26	24	4,8
3/4" F x nut 3/4" F	20	75	21	83	39	52	31	30	8

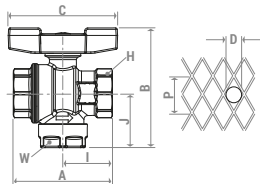
Temperature range with water:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water:
1,6 MPa (16 bar)



R701F

SIZE	DN	A	I	B	J	C	H	W	P	D	N	Kv
G 1/2" F x G 1/2" F	15	59	30	69	31	63	ch.25	ch.27	1	500	70	2,5
G 3/4" F x G 3/4" F	20	66	33	80	36	73	ch.31	ch.30	1	500	70	4,6
G 1" F x G 1" F	25	79	40	94	46	73	ch.38	ch.40	1	500	70	10

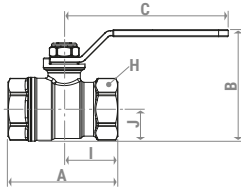
Temperature range: 5÷110 °C
Max. working pressure at 20 °C with water:
3,2 MPa (32 bar)



R250D

SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	43	21	36	10	43	17	6,6
3/8"	10	45	22	46	14	77	21	6,7
1/2"	14	54	27	49	15	77	25	10,2
3/4"	18	63	31	64	18	94	32	18,5
1"	22	75	38	73	23	94	39	36,3
1-1/4"	28	84	42	82	28	94	48	73,5
1-1/2"	35	93	46	100	33	136	55	105
2"	45	107	54	115	41	136	67	158
2-1/2"	58	146	73	154	52	173	82	240
3"	68	160	80	169	60	173	98	269
4"	90	207	104	207	77	187	122	461

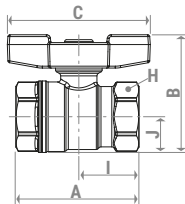
Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 1/4" - 3/8" - 1/2" - 3/4" - 3,5 MPa (35 bar) for 1" - 1-1/4" - 1-1/2" - 2"
2,8 MPa (28 bar) for 2 1/2" - 3" - 4"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)



R251D

SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	43	21	35	10	40	17	6,6
3/8"	10	45	22	46	14	63	21	6,7
1/2"	14	54	27	51	15	63	25	10,2
3/4"	18	63	31	60	18	73	32	18,5
1"	22	75	38	73	23	73	39	36,3
1-1/4"	28	84	42	78	28	73	48	73,5

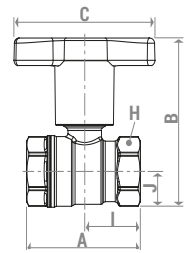
Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) per 1/4" - 3/8" - 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)



R251TH

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	45	23	75	14	78	21	6,7
1/2"	14	54	27	77	15	78	25	10,2
3/4"	18	63	31	86	18	78	32	18,5
1"	22	75	38	95	23	78	39	36,3
1-1/4"	28	84	42	104	28	78	48	73,5
1-1/2"	35	93	46	136	33	98	55	105
2"	45	107	54	152	41	98	67	158

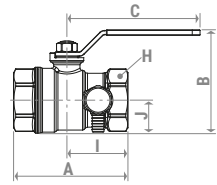
Temperature range with water and not dangerous gas:
-20÷110 °C (-20 °C with 50 % glycol solutions), possibility of 120 °C for short periods of time
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4" - 3,5 MPa (35 bar) for 1" - 1-1/4" - 1-1/2" - 2"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)



R250DS

SIZE	DN	A	I	B	J	C	H	Kv
1/2"	14	59	32	49	15	77	25	10,2
3/4"	18	69	36	64	18	94	32	18,5
1"	22	81	43	73	23	94	39	36,3
1-1/4"	28	98	56	82	28	94	48	73,5
1-1/2"	35	107	60	100	33	136	55	105
2"	45	121	67	115	41	136	67	158

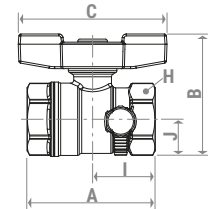
Temperature range with water:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water:
4,2 MPa (42 bar) for 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4" - 1-1/2" - 2"



R251S

SIZE	DN	A	I	B	J	C	H	Kv
1/2"	14	59	32	50	15	63	25	10,2
3/4"	18	69	36	60	18	73	32	18,5
1"	22	81	43	69	23	73	39	36,3

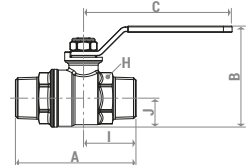
Temperature range with water:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water:
4,2 MPa (42 bar) for 1/2" - 3/4"
3,5 MPa (35 bar) per 1"



R253DL

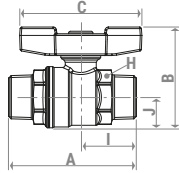
SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	58	26	49	14	77	19	6,7
1/2"	14	66	29	51	15	77	22	10,2
3/4"	18	79	33	60	19	94	29	18,5
1"	22	91	40	69	23	94	36	36,3
1-1/4"	28	108	47	78	28	94	44	73,5

Min. working temperature: -20 °C with 50 % glycol solutions
Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4"
Temperature range with liquid hydrocarbons: -20÷60 °C
Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)



R253D

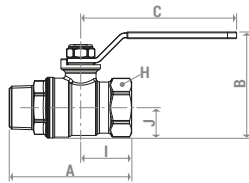
SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	58	26	49	14	63	19	6,7
1/2"	14	66	29	51	15	63	22	10,2
3/4"	18	79	33	60	19	73	29	18,5
1"	22	91	40	69	23	73	36	36,3
1-1/4"	28	108	47	78	28	73	44	73,5



Min. working temperature: -20 °C with 50 % glycol solutions
 Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
 3,5 MPa (35 bar) for 1" - 1-1/4"
 Temperature range with liquid hydrocarbons: -20÷60 °C
 Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R254DL

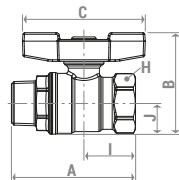
SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	51	21	36	10	43	17	6,6
3/8"	10	55	22	46	14	77	21	6,7
1/2"	14	64	27	49	15	77	25	10,2
3/4"	18	76	31	64	18	94	32	18,5
1"	22	89	38	73	23	94	39	36,3
1-1/4"	28	100	42	82	28	94	48	73,5
1-1/2"	35	105	46	100	33	136	55	105
2"	45	124	54	115	41	136	67	158



Min. working temperature: -20 °C with 50 % glycol solutions
 Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 1/4" - 3/8" - 1/2" - 3/4"
 3,5 MPa (35 bar) for 1" - 1-1/4" - 1-1/2" - 2"
 Temperature range with liquid hydrocarbons: -20÷60 °C
 Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R254D

SIZE	DN	A	I	B	J	C	H	Kv
1/4"	8	51	21	35	10	40	17	6,6
3/8"	10	55	22	46	14	63	21	6,7
1/2"	14	64	27	51	15	63	25	10,2
3/4"	18	76	31	60	18	73	32	18,5
1"	22	89	38	69	23	73	39	36,3
1-1/4"	28	100	42	78	28	73	48	73,5

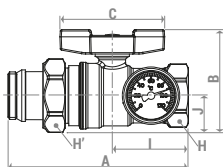


Min. working temperature: -20 °C with 50 % glycol solutions
 Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 1/4" - 3/8" - 1/2" - 3/4"
 3,5 MPa (35 bar) for 1" - 1-1/4"
 Temperature range with liquid hydrocarbons: -20÷60 °C
 Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R259DST

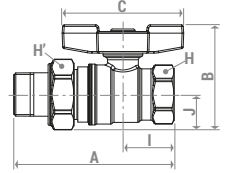
SIZE	DN	A	I	B	J	C	H	H'	Kv
1"F x 1"M	22	126	53	72	26	73	40	46	36,3

Temperature range with water and not dangerous gas:
 -20÷120 °C (-20 °C with 50 % glycol solutions)
 Max. working pressure at 20 °C with water
 and not dangerous gas:
 3,5 MPa (35 bar)



R259D

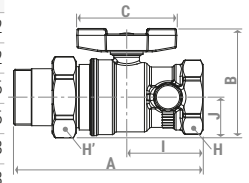
SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"F x 1/2"M	14	86	27	53	17	63	25	30	10,2
1/2"F x 3/4"M	14	87	27	57	21	63	25	38	10,2
3/4"F x 3/4"M	18	96	31	63	21	73	32	38	18,5
3/4"F x 1"M	18	101	31	67	26	73	32	46	18,5
1"F x 1"M	22	110	38	72	26	73	39	46	36,3
1"F x 1-1/4"M	22	114	38	76	30	73	39	53	36,3
1-1/4"F x 1-1/4"M	28	125	42	80	30	73	48	53	73,5



Min. working temperature: -20 °C with 50 % glycol solutions
 Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 1/2"F - 3/4"F - 3,5 MPa (35 bar) for 1"F - 1-1/4"
 Temperature range with liquid hydrocarbons: -20÷60 °C
 Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar)

R259DS

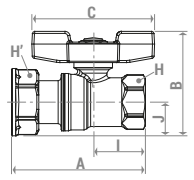
SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"F x 1/2"M	14	91	32	53	17	63	25	30	10,2
1/2"F x 3/4"M	14	93	32	57	21	63	25	38	10,2
3/4"F x 3/4"M	18	102	37	63	21	73	32	38	18,5
3/4"F x 1"M	18	107	37	67	26	73	32	46	18,5
1"F x 1"M	22	116	53	72	26	73	39	46	36,3
1"F x 1-1/4"M	22	120	53	76	30	73	39	53	36,3
1-1/4"F x 1-1/4"M	28	138	56	80	30	73	48	53	73,5



Temperature range with water and not dangerous gas:
 -20÷120 °C (-20 °C with 50 % glycol solutions)
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 1/2"F - 3/4"
 3,5 MPa (35 bar) for 1"F - 1-1/4"

R251P

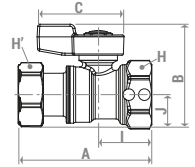
SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"F x nut 3/4"F	14	76	27	54	18	63	25	30	10,2
3/4"F x nut 3/4"F	14	76	28	54	18	63	32	30	10,2
3/4"F x nut 1"F	18	85	31	63	21	73	32	37	18,5
1"F x nut 1"F	22	105	38	69	23	73	40	37	36,3



Temperature range with water and not dangerous gas:
 -20÷120 °C (-20 °C with 50 % glycol solutions)
 Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)
 Max. working pressure at 20 °C with water:
 4,2 MPa (42 bar) for 1/2"F - 3/4"
 3,5 MPa (35 bar) for 1"F

R251P-1

SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2"F x nut 1/2"F	14	68	27	51	15	44	25	24	10,2
3/4"F x nut 3/4"F	14	76	28	54	18	52	32	30	10,2

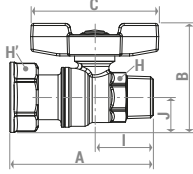


Temperature range with water and not dangerous gas:
 -20÷120 °C (-20 °C with 50 % glycol solutions)
 Max. working pressure at 20 °C with water and not dangerous gas:
 1,6 MPa (16 bar)

R254P

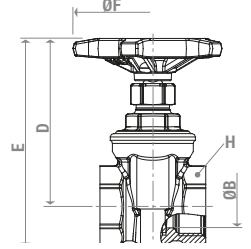
SIZE	DN	A	I	B	J	C	H	H'	Kv
G 3/4" M x nut G 3/4" F	14	75	35	54	18	63	27	30	10,2
G 1/2" M x nut G 3/4" F	14	71	29	54	18	63	22	30	10,2
G 3/4" M x nut G 3/4" F	14	75	35	54	18	63	27	30	10,2

Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water:
4,2 MPa (42 bar)



R55

SIZE (Ø A)	Ø B	C	D	Ex.	E	Ø F	Kv
3/8"	12	37	60	22	72	59	8
1/2"	14	43	64	26	79	59	12
3/4"	19	48	76	33	94	72	36
1"	25	54	87	40	109	72	61
1-1/4"	32	62	96	49	130	84	90
1-1/2"	38	64	116	55	147	95	180
2"	51	76	140	69	178	108	290
2-1/2"	60	80	186	84	233	145	400
3"	70	84	198	98	256	145	670
4"	93	96	240	-	-	120	1202

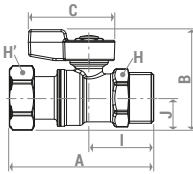


Temperature range: 5÷110 °C
Max. working pressure: 16 bar (a 23 °C) - 10 bar (a 95 °C)

R254P-1

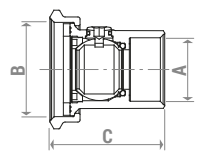
SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2" M x nut 1/2" F	14	70	29	51	15	44	22	24	10,2
3/4" M x nut 3/4" F	14	75	34	52	18	52	27	30	10,2

Temperature range with water:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water:
1,6 MPa (16 bar)



R252

SIZE	DN	A	B	C	Kv
G 1" F x nut G 1-1/2" F	18	1" F	1-1/2" F	53	24,6
G 1-1/4" F x nut G 2" F	25	1-1/4" F	2" F	66,5	36,3
Ø 22 x nut G 1-1/2" F	18	Ø 22	1-1/2" F	58	24,6
Ø 28 x nut G 1-1/2" F	18	Ø 28	1-1/2" F	58	24,6

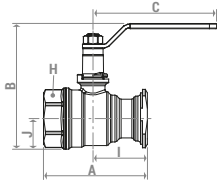


Temperature range: 5÷110 °C
Max. working pressure at 20 °C with water: 0,7 MPa (7 bar)
Max. static pressure with the valve completely open or closed: 4,0 MPa (40 bar)

R285L

SIZE	DN	A	I	B	J	C	H	Kv
1" F x 1-1/2"	22	79	42	95	23	94	40	36,3
1-1/4" F x 2"	28	88	46	113	28	94	48	73,5

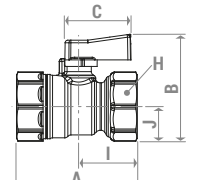
Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water: 3,5 MPa (35 bar)
Max. working temperature: 100 °C
Max. working pressure at 20 °C with water: 1,6 MPa (16 bar)



R690

SIZE	DN	A	I	B	J	C	H
3/8"	8	38	17	35	10,5	24	20
1/2"	10	46	22	41	13	24	25

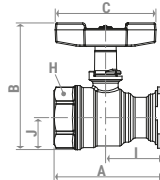
Min. working temperature: 0 °C with glycol solutions
Max. working temperature: 90 °C
Max. working pressure at 20 °C with water and not dangerous gas:
1,6 MPa (16 bar)



R285

SIZE	DN	A	I	B	J	C	H	Kv
1" F x 1-1/2"	22	79	42	92	23	73	40	36,3
1-1/4" F x 1-1/2"	28	88	46	110	28	73	48	73,5
1-1/4" F x 2"	28	88	46	110	28	73	48	73,5

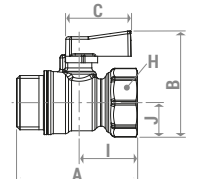
Temperature range with water and not dangerous gas:
-20÷120 °C (-20 °C with 50 % glycol solutions)
Max. working pressure at 20 °C with water: 3,5 MPa (35 bar)
Max. working temperature: 100 °C
Max. working pressure at 20 °C with water: 1,6 MPa (16 bar)



R694

SIZE	DN	A	I	B	J	C	H
3/8"	8	37	17	35	10,5	24	20
1/2"	10	46	22	41	13	24	25

Min. working temperature: 0 °C with glycol solutions
Max. working temperature: 90 °C
Max. working pressure at 20 °C with water and not dangerous gas:
1,6 MPa (16 bar)

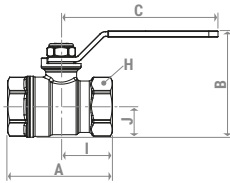


R730GA

SIZE	DN	A	I	B	J	C	H
G 1/4"F x G 1/4"F	8	43	21	37	10	43	17
G 3/8"F x G 3/8"F	10	46	23	45	12	77	20
G 1/2"F x G 1/2"F	15	53	27	51	16	77	25
G 3/4"F x G 3/4"F	20	60	30	67	20	94	31
G 1"F x G 1"F	25	76	38	76	25	94	39
G 1-1/4"F x G 1-1/4"F	32	86	43	86	30	94	47
G 1-1/2"F x G 1-1/2"F	40	97	48	106	37	136	54
G 2"F x G 2"F	50	111	55	123	46	136	67

Temperature range: -20÷60 °C

Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)



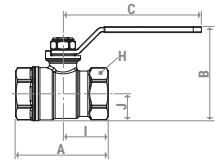
R730GB

SIZE	DN	A	I	B	J	C	H
Rp 1/2" x Rp 1/2"	15	60	30	53	16	77	26
Rp 3/4" x Rp 3/4"	20	68	34	69	21	95	32
Rp 1" x Rp 1"	25	81	41	77	25	95	41
Rp 1-1/4" x Rp 1-1/4"	32	95	48	87	30	95	50
Rp 1-1/2" x Rp 1-1/2"	40	104	52	107	36	137	55
Rp 2" x Rp 2"	50	126	63	122	44	137	70

Temperature range: -20÷60 °C

Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)

Resistance to high temperatures: class B 0,1; 650 °C for 30'

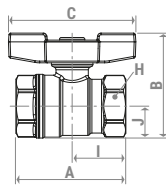


R731GA

SIZE	DN	A	I	B	J	C	H
G 3/8"F x G 3/8"F	10	46	23	47	12	63	20
G 1/2"F x G 1/2"F	15	53	27	54	16	63	25
G 3/4"F x G 3/4"F	20	60	30	67	20	73	31
G 1"F x G 1"F	25	76	38	72	25	73	39
G 1-1/4"F x G 1-1/4"F	32	86	43	82	30	73	47

Temperature range: -20÷60 °C

Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)



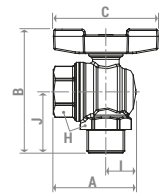
R780GB

SIZE	DN	A	I	B	J	C	H
G 1/2"M x Rp 1/2"	15	50	18	79	41	63	26
G 3/4"M x Rp 3/4"	20	58	21	87	44	73	32
G 1"M x Rp 1"	25	69	25	98	51	73	41

Temperature range: -20÷60 °C

Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)

Resistance to high temperatures: class B 0,1; 650 °C for 30'

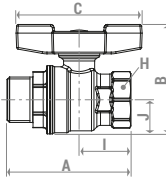


R734GA

SIZE	DN	A	I	B	J	C	H
G 3/8"F x G 3/8"F	10	57	23	47	12	63	20
G 1/2"F x G 1/2"F	15	63	27	54	16	63	25
G 3/4"F x G 3/4"F	20	72	30	67	20	73	31
G 1"F x G 1"F	25	84	38	72	25	73	39
G 1-1/4"F x G 1-1/4"F	32	98	43	82	30	73	47

Temperature range: -20÷60 °C

Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)



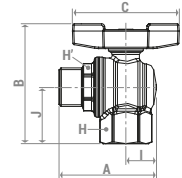
R781GB

SIZE	DN	A	I	B	J	C	H	H'
Rp 1/2" x G 1/2"M	15	59	18	71	33	63	26	22
Rp 3/4" x G 3/4"M	20	68	21	82	39	73	32	29
Rp 1" x G 1"M	25	80	25	94	46	73	41	36

Temperature range: -20÷60 °C

Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)

Resistance to high temperatures: class B 0,1; 650 °C for 30'

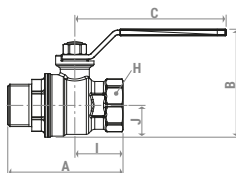


R734LGA

SIZE	DN	A	I	B	J	C	H
G 1/2"F x G 1/2"F	15	63	27	51	16	77	25
G 3/4"F x G 3/4"F	20	72	30	67	20	94	31
G 1"F x G 1"F	25	84	38	76	25	94	39
G 1-1/4"F x G 1-1/4"F	32	98	43	86	30	94	47
G 1-1/2"F x G 1-1/2"F	40	105	48	106	37	136	54
G 2"F x G 2"F	50	124	55	123	46	136	67

Temperature range: -20÷60 °C

Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)

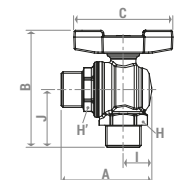


R782GB

SIZE	DN	A	I	B	J	C	H	H'
G 1/2"M x G 1/2"M	15	59	18	79	41	63	26	22

Campo di temperatura: -20÷60 °C

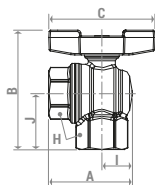
Massima pressione operativa (MOP) con gas: 0,5 MPa (5 bar)



R783GB

SIZE	DN	A	I	B	J	C	H
Rp 1/2" x Rp 1/2"	15	50	18	71	33	63	26
Rp 3/4" x Rp 3/4"	20	58	21	82	39	73	32
Rp 1" x Rp 1"	25	69	25	94	46	73	41

Temperature range: -20÷60 °C
 Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)
 Resistance to high temperatures: class B 0,1; 650 °C for 30'

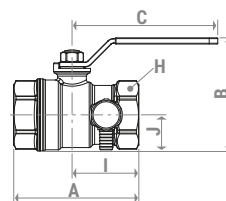


R250WS

DIMENSIONS MM

SIZE	DN	A	I	B	J	C	H	Kv
1/2"	14	60	32	49	15	77	25	10,2
3/4"	18	71	36	64	18	94	32	18,5
1"	22	83	43	73	23	94	39	36,3
1-1/4"	28	102	56	82	28	94	48	73,5
1-1/2"	35	110	60	100	33	136	55	105
2"	45	128	67	115	41	136	67	158

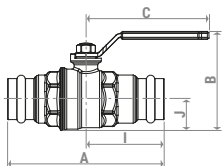
Temperature range with water: 5÷120 °C
 Max. working pressure at 20 °C with water:
 4,2 MPa (42 bar) for 1/2" - 3/4"
 3,5 MPa (35 bar) for 1" - 1-1/4" - 1-1/2" - 2"



R850VW

SIZE	DN	A	I	B	J	C	Kv
Ø42	40	158	79	106	36	136	140
Ø54	50	186	91	122	44	136	211

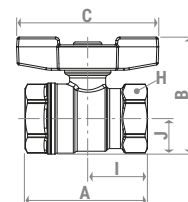
Max. working pressure at 20 °C with water: 2,8 MPa (28 bar)
 Max. working temperature: 110 °C



R251W

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	48	24	49	14	63	21	6,7
1/2"	14	56	28	51	15	63	25	10,2
3/4"	18	68	34	60	18	73	32	18,5
1"	22	79	40	69	23	73	40	36,3
1-1/4"	28	92	46	77	27	73	48	73,5

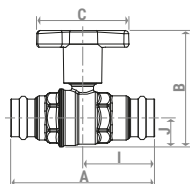
Temperature range with water and not dangerous gas: 5÷120 °C
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
 3,5 MPa (35 bar) for 1" - 1-1/4"



R851VT

SIZE	DN	A	I	B	J	C	Kv
Ø18	15	100	50	80	16	78	12,7
Ø15	15	100	50	81	17	78	12,7
Ø22	20	116	58	90	20	78	24,6
Ø28	25	122	61	98	25	78	48,5
Ø35	32	130	65	108	30	78	98

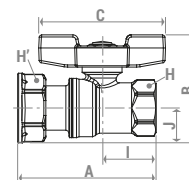
Temperature range: 5÷110 °C,
 possibility of 120 °C for short periods of time
 Max. working pressure at 20 °C with water:
 3,5 MPa (35 bar) for Ø 15, Ø 18, Ø 22
 2,8 MPa (28 bar) for Ø 28, Ø 35



R251WP

SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2" F x nut 3/4" F	14	64	28	54	18	63	25	30	10,2
3/4" F x nut 3/4" F	14	66	31	54	18	63	32	30	10,2
3/4" F x nut 1" F	18	77	33	63	21	73	32	37	18,5
1" F x nut 1" F	22	87	40	69	23	73	40	37	36,3

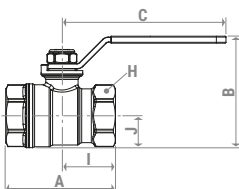
Temperature range with water:
 5÷120 °C
 Max. working pressure at 20 °C with water:
 4,2 MPa (42 bar) for 1/2" - 3/4"
 3,5 MPa (35 bar) for 1"



R250W

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	48	24	46	14	77	21	6,7
1/2"	14	56	28	49	15	77	25	10,2
3/4"	18	68	34	64	18	94	32	18,5
1"	22	79	40	73	23	94	39	36,3
1-1/4"	28	92	46	82	28	94	48	73,5
1-1/2"	35	100	50	100	33	136	55	105
2"	45	121	61	115	41	136	67	158

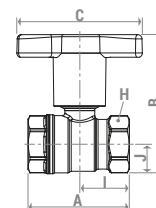
Max. working pressure at 20 °C with water:
 3,5 MPa (35 bar), for 15 to 22
 2,8 MPa (28 bar), for 28 to 35
 Max. working temperature: 110 °C



R251WT

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	48	24	75	14	78	21	6,7
1/2"	14	57	28	77	15	78	25	10,2
3/4"	18	68	34	86	18	78	32	18,5
1"	22	79	39,5	95	23	78	40	36,3
1-1/4"	28	92	46	104	28	78	49	73,5

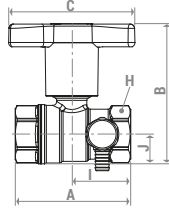
Temperature range with water and not dangerous gas:
 5÷110 °C, possibility of 120 °C for short periods of time
 Max. working pressure at 20 °C with water and not dangerous gas:
 4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
 3,5 MPa (35 bar) for 1" - 1-1/4"



R251WST

SIZE	DN	A	I	B	J	C	H	Kv
1/2"	14	60	32	77	15	78	25	10,2
3/4"	18	71	36	86	18	78	32	18,5
1"	22	83	43	95	23	78	40	36,3
1-1/4"	28	102	56	104	28	78	49	73,5

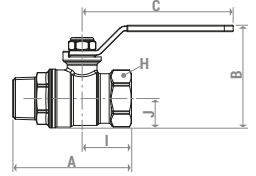
Temperature range with water:
5÷110 °C, possibility of 120 °C for short periods of time
Max. working pressure at 20 °C with water:
4,2 MPa (42 bar) for 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4"



R254WL

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	55	22	46	14	77	21	6,7
1/2"	14	64	27	49	15	77	25	10,2
3/4"	18	76	31	64	18	94	32	18,5
1"	22	89	38	73	23	94	39	36,3
1-1/4"	28	100	42	82	28	94	48	73,5
1-1/2"	35	105	46	100	33	136	55	105
2"	45	124	54	115	41	136	67	158

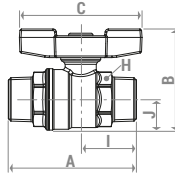
Temperature range with water and not dangerous gas: 5÷120 °C
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 1/2" F - 3/4" F
3,5 MPa (35 bar) for 1" F - 1-1/4" F



R253W

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	58	26	49	14	63	19	6,7
1/2"	14	66	29	51	15	63	22	10,2
3/4"	18	79	33	60	19	73	29	18,5
1"	22	91	40	69	23	73	36	36,3
1-1/4"	28	108	47	78	28	73	44	73,5

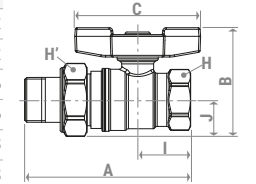
Temperature range with water and not dangerous gas: 5÷120 °C
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4"



R259W

SIZE	DN	A	I	B	J	C	H	H'	Kv
1/2" F x 1/2" M	14	86	27	53	17	63	25	30	10,2
1/2" F x 3/4" M	14	87	27	57	21	63	25	38	10,2
3/4" F x 3/4" M	18	96	31	63	21	73	32	38	18,5
3/4" F x 1" M	18	101	31	67	26	73	32	46	18,5
1" F x 1" M	22	110	38	72	26	73	39	46	36,3
1" F x 1-1/4" M	22	114	38	76	30	73	39	53	36,3
1-1/4" F x 1-1/4" M	28	125	42	80	30	73	48	53	73,5

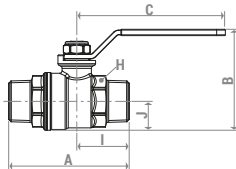
Temperature range with water and not dangerous gas: 5÷120 °C
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 1/2" F - 3/4" F
3,5 MPa (35 bar) for 1" F - 1-1/4" F



R253WL

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	58	26	49	14	77	19	6,7
1/2"	14	66	29	51	15	77	22	10,2
3/4"	18	79	33	60	19	94	29	18,5
1"	22	91	40	69	23	94	36	36,3
1-1/4"	28	108	47	78	28	94	44	73,5

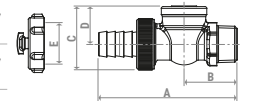
Temperature range with water and not dangerous gas: 5÷120 °C
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4"



R608

SIZE	DN	A	B	C	D	E	G	Kv
R 3/8" x hose connection Ø 15 mm	10	75	29	33	22	G 1/2" F	6,7	6,7
R 1/2" x hose connection Ø 15 mm	10	78	30	36	22	G 3/4" F	6,7	6,7
R 3/4" x hose connection Ø 18 mm	15	89	36	40	25	G 3/4" F	12,7	6,7

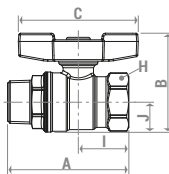
Min. working temperature: -20 °C with 50 % glycol solutions
Max. working temperature: 90 °C
Max. working pressure at 20 °C with water and not dangerous gas:
1,0 MPa (10 bar)



R254W

SIZE	DN	A	I	B	J	C	H	Kv
3/8"	10	55	22	46	14	63	21	6,7
1/2"	14	64	27	51	15	63	25	10,2
3/4"	18	76	31	60	18	73	32	18,5
1"	22	89	38	69	23	73	39	36,3
1-1/4"	28	100	42	78	28	73	48	73,5

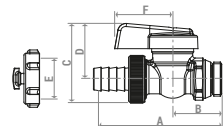
Temperature range with water and not dangerous gas: 5÷120 °C
Max. working pressure at 20 °C with water and not dangerous gas:
4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"
3,5 MPa (35 bar) for 1" - 1-1/4"



R608D

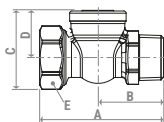
SIZE	DN	A	B	C	D	E	F	G	Kv
G 1/2" M x hose connection Ø 15 mm	10	78	30	49	35	G 3/4" F	35	6,7	6,7

Min. working temperature: -20 °C with 50 % glycol solutions
Max. working temperature: 90 °C
Max. working pressure at 20 °C with water and not dangerous gas:
1,0 MPa (10 bar)



R609

SIZE	DN	A	B	C	D	E	G	Kv
R 3/8" x G 3/8" F	10	54	29	34	22	22	6,7	6,7
R 1/2" x G 1/2" F	10	57	30	36	22	26	6,7	6,7
R 3/4" x G 3/4" F	15	67	36	43	25	32	12,7	6,7

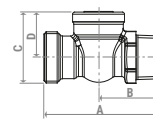


Min. working temperature: -20 °C with 50 % glycol solutions
 Max. working temperature: 90 °C
 Max. working pressure at 20 °C with water and not dangerous gas:
 1,0 MPa (10 bar)

R612

DIMENSIONS MM

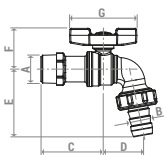
SIZE	DN	A	B	C	D	G	Kv
R 1/2" x B.16	10	57	30	34	22	6,7	6,7



Min. working temperature: -20 °C with 50 % glycol solutions
 Max. working temperature: 90 °C
 Max. working pressure at 20 °C with water and not dangerous gas:
 1,0 MPa (10 bar)

R620

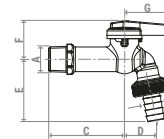
SIZE	DN	A	B	C	D	E	F	G	Kv
R 1/2" x hose connection Ø 15 mm	10	R 1/2" Ø 15	52	30	52	29	64	6,7	
R 3/4" x hose connection Ø 20 mm	15	R 3/4" Ø 20	58	37	63	38	62	12,7	
R 1" x hose connection Ø 26 mm	18	R 1" Ø 26	74	44	74	42	72	18,5	



Min. working temperature: 5 °C
 Max. working temperature: 90 °C
 Max. working pressure at 20 °C with water:
 1,0 MPa (10 bar)

R619

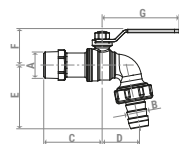
SIZE	DN	A	B	C	D	E	F	G	Kv
R 1/2" x hose connection Ø 15 mm	10	R 1/2" Ø 15	62	25	51	31	37	6,7	



Min. working temperature: 5 °C
 Max. working temperature: 90 °C
 Max. working pressure at 20 °C with water:
 1,0 MPa (10 bar)

R621

SIZE	DN	A	B	C	D	E	F	G	Kv
R 1/2" x hose connection Ø 15 mm	10	R 1/2" Ø 15	52	30	52	29	76	6,7	
R 3/4" x hose connection Ø 20 mm	15	R 3/4" Ø 20	58	37	63	38	76	12,7	
R 1" x hose connection Ø 26 mm	18	R 1" Ø 26	74	44	74	42	94	18,5	
R 1/2" x hose connection Ø 15 mm	10	R 1/2" Ø 15	52	30	52	29	76	6,7	
R 3/4" x hose connection Ø 20 mm	15	R 3/4" Ø 20	58	37	63	38	76	12,7	



Min. working temperature: 5 °C
 Max. working temperature: 90 °C
 Max. working pressure at 20 °C with water:
 1,0 MPa (10 bar)