

BALL VALVES

0628EN September 2017

VALVE FOR WATER FOR HEATING/COOLING SYSTEMS
AND NOT DANGEROUS GAS
FULL PORT - R850 SERIES



Description

Ball valve, with female-female threaded connections.
Full port for 1/4" - 3/8" - 1/2" - 3/4" - 1" - 1 1/4" - 1 1/2" - 2".
Standard port for 2 1/2" - 3" - 4".

Versions and product codes

Product code	Connections	Finishing	Handle type	Handle color
R850X021	1/4" (ISO 228) x 1/4" (ISO 228)	Chrome plated brass	Lever	Red
R850X022	3/8" (ISO 228) x 3/8" (ISO 228)	Chrome plated brass	Lever	Red
R850X023	1/2" (ISO 228) x 1/2" (ISO 228)	Chrome plated brass	Lever	Red
R850X024	3/4" (ISO 228) x 3/4" (ISO 228)	Chrome plated brass	Lever	Red
R850X025	1" (ISO 228) x 1" (ISO 228)	Chrome plated brass	Lever	Red
R850X026	1 1/4" (ISO 228) x 1 1/4" (ISO 228)	Chrome plated brass	Lever	Red
R850X027	1 1/2" (ISO 228) x 1 1/2" (ISO 228)	Chrome plated brass	Lever	Red
R850X028	2" (ISO 228) x 2" (ISO 228)	Chrome plated brass	Lever	Red
R850X029	2 1/2" (ISO 228) x 2 1/2" (ISO 228)	Chrome plated brass	Lever	Red
R850X030	3" (ISO 228) x 3" (ISO 228)	Chrome plated brass	Lever	Red
R850X031	4" (ISO 228) x 4" (ISO 228)	Chrome plated brass	Lever	Red

Technical data

Main features and materials

- Suitable for water for heating/cooling systems and not dangerous gas
- Full port for 1/4" - 3/8" - 1/2" - 3/4" - 1" - 1 1/4" - 1 1/2" - 2"
- Standard port for 2 1/2" - 3" - 4"
- Valve made of UNI EN 12165 CW617N chrome plated brass
- Stem with double O-Ring
- Nut with anti-corrosion coating, with guarantee seal and hologram
- Steel lever handle with anti-corrosion treatment and red PVC coating

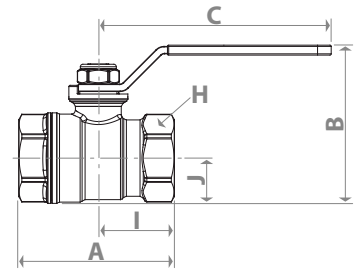
Field of applications

- 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: 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" - 2 1/2" - 3" - 4"



Dimensions and Kv

Product code	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]	Kv
R850X021	8	43	21	36	10	43	17	6,6
R850X022	10	46	23	45	13	77	20	6,7
R850X023	15	53	27	51	16	77	25	12,7
R850X024	20	60	30	67	20	95	31	24,6
R850X025	25	74	37	76	25	95	38	48,5
R850X026	32	84	42	85	29	95	47	98,0
R850X027	40	95	47	104	35	137	54	140
R850X028	50	109	54	120	43	137	66	211
R850X029	58	146	73	154	52	173	82	240
R850X030	68	160	80	169	60	173	98	269
R850X031	90	207	104	207	77	187	122	461



Product specifications

R850 - Red lever

Ball valve, with female-female threaded connections. Suitable for water for heating/cooling systems and not dangerous gas. Valve made of UNI EN 12165 CW617N chrome plated brass. Full port for 1/4" - 3/8" - 1/2" - 3/4" - 1" - 1 1/4" - 1 1/2" - 2". Standard port for 2 1/2" - 3" - 4". Steel lever handle with anti-corrosion treatment and red PVC coating. Stem with double O-Ring. Nut with anti-corrosion coating, with guarantee seal and hologram. 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: 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" - 2 1/2" - 3" - 4".


R850

Description

Ball valve, with female-female threaded connections.
 Full port for 1/4" - 3/8" - 1/2" - 3/4" - 1" - 1 1/4" - 1 1/2" - 2".
 Standard port for 2 1/2" - 3" - 4".

Versions and product codes

Product code	Connections	Finishing	Handle type	Handle color
R850X001	1/4"F (ISO 228) x 1/4"F (ISO 228)	Chrome plated brass	Lever	Yellow
R850X002	3/8"F (ISO 228) x 3/8"F (ISO 228)	Chrome plated brass	Lever	Yellow
R850X003	1/2"F (ISO 228) x 1/2"F (ISO 228)	Chrome plated brass	Lever	Yellow
R850X004	3/4"F (ISO 228) x 3/4"F (ISO 228)	Chrome plated brass	Lever	Yellow
R850X005	1"F (ISO 228) x 1"F (ISO 228)	Chrome plated brass	Lever	Yellow
R850X006	1 1/4"F (ISO 228) x 1 1/4"F (ISO 228)	Chrome plated brass	Lever	Yellow
R850X007	1 1/2"F (ISO 228) x 1 1/2"F (ISO 228)	Chrome plated brass	Lever	Yellow
R850X008	2"F (ISO 228) x 2"F (ISO 228)	Chrome plated brass	Lever	Yellow
R850X009	2 1/2"F (ISO 228) x 2 1/2"F (ISO 228)	Chrome plated brass	Lever	Yellow
R850X010	3"F (ISO 228) x 3"F (ISO 228)	Chrome plated brass	Lever	Yellow
R850X011	4"F (ISO 228) x 4"F (ISO 228)	Chrome plated brass	Lever	Yellow

Technical data

Main features and materials

- Suitable for dangerous gas and liquid hydrocarbons*
- Full port for 1/4" - 3/8" - 1/2" - 3/4" - 1" - 1 1/4" - 1 1/2" - 2"
- Standard port for 2 1/2" - 3" - 4"
- Valve made of UNI EN 12165 CW617N chrome plated brass
- Stem with double O-Ring
- Nut with anti-corrosion coating, with guarantee seal and hologram
- Steel lever handle with anti-corrosion treatment and yellow PVC coating

Field of applications

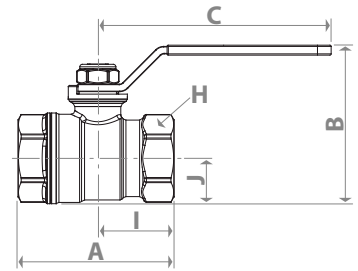
- Temperature range: -20÷60 °C
- Max. working pressure at 20 °C with liquid hydrocarbons*: 1,2 MPa (12 bar)
- Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)

* Please consult Giacomini technical support, to check the compatibility of the product with the specific hydrocarbon.



Dimensions

Product code	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]
R850X001	8	43	21	36	10	43	17
R850X002	10	46	23	45	13	77	20
R850X003	15	53	27	51	16	77	25
R850X004	20	60	30	67	20	95	31
R850X005	25	74	37	76	25	95	38
R850X006	32	84	42	85	29	95	47
R850X007	40	95	47	104	35	137	54
R850X008	50	109	54	120	43	137	66
R850X009	58	146	73	154	52	173	82
R850X010	68	160	80	169	60	173	98
R850X011	90	207	104	207	77	187	122



Product specifications

R850 - Yellow lever

Ball valve, with female-female threaded connections. Suitable for dangerous gas and liquid hydrocarbons. Valve made of UNI EN 12165 CW617N chrome plated brass. Full port for 1/4" - 3/8" - 1/2" - 3/4" - 1" - 1 1/4" - 1 1/2" - 2". Standard port for 2 1/2" - 3" - 4". Steel lever handle with anti-corrosion treatment and yellow PVC coating. Stem with double O-Ring. Nut with anti-corrosion coating, with guarantee seal and hologram. Temperature range: -20+60 °C. Max. working pressure at 20 °C with liquid hydrocarbons: 1,2 MPa (12 bar). Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar).

Additional information

For more information, go to www.giacomini.com or contact our technical assistance service: ☎ +39 0322 923372 📞 +39 0322 923255 ✉ consulenza.prodotti@giacomini.com
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