

BALL VALVES

0895EN March 2020

VALVE FOR WATER FOR HEATING/COOLING SYSTEMS AND
NOT DANGEROUS GAS
FULL PORT - R850V-U SERIES



GIACOMINI
WATER E-MOTION



R850V-U

Description

Ball valve, with press connections (for hard-drawn copper pipe, ASTM B88 types K, L and M).

Full port.



Note.

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

Versions and product codes

Product code	Connections	Tongs profile	Material	Handle type	Handle color	Note
R850VY003	1/2" x 1/2"	VUS	Brass	Lever	Red	-
R850VY004	3/4" x 3/4"	VUS	Brass	Lever	Red	-
R850VY005	1" x 1"	VUS	Brass	Lever	Red	-
R850VY006	1-1/4" x 1-1/4"	VUS	Brass	Lever	Red	-
R850VY007	1-1/2" x 1-1/2"	VUS	Brass	Lever	Red	-
R850VY008	2" x 2"	VUS	Brass	Lever	Red	-
R850VY203	1/2" x 1/2"	VUS	Brass	Lever	Red	No lead brass *
R850VY204	3/4" x 3/4"	VUS	Brass	Lever	Red	No lead brass *
R850VY205	1" x 1"	VUS	Brass	Lever	Red	No lead brass *
R850VY206	1-1/4" x 1-1/4"	VUS	Brass	Lever	Red	No lead brass *
R850VY207	1-1/2" x 1-1/2"	VUS	Brass	Lever	Red	No lead brass *
R850VY208	2" x 2"	VUS	Brass	Lever	Red	No lead brass *

Technical data

Main features and materials

- Suitable for water for heating/cooling systems and not dangerous gas
- Not suitable for steam service
- Full port
- Valve made of UNI EN 12165 CW617N brass or made of UNI EN 12165 CW509L no lead brass*
- Stem with double O-Ring
- Double O-Ring (black) on the press connection, complies with EN 681-1 standards
- Nut with anti-corrosion coating, with guarantee seal and hologram
- Steel lever handle with anti-corrosion treatment and red PVC coating
- Pressable with "VUS" profile tongs

Field of applications

Use with water and not dangerous gas

- Temperature range: -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"
2,8 MPa (28 bar) for 1-1/2", 2"

* The valve contains less than 0,25% lead by weighted average on wetted surface areas.

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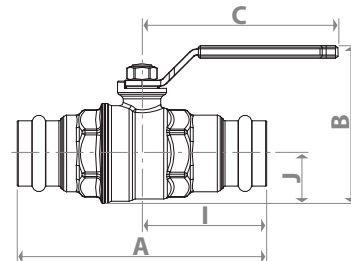


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Dimensions and Kv

Product code	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	Kv
R850VY003	15	100	50	53	16	77	12,7
R850VY004	20	115	58	69	20	95	24,6
R850VY005	25	122	61	77	25	95	48,5
R850VY006	32	130	65	87	30	95	98,0
R850VY007	40	158	79	107	36	137	140
R850VY008	50	186	91	122	44	137	211
R850VY203	15	100	50	53	16	77	12,7
R850VY204	20	115	58	69	20	95	24,6
R850VY205	25	122	61	77	25	95	48,5
R850VY206	32	130	65	87	30	95	98,0
R850VY207	40	158	79	107	36	137	140
R850VY208	50	186	91	122	44	137	211



Product specifications

R850V-U

Ball valve, with press connections (for hard-drawn copper pipe, ASTM B88 types K, L and M). Suitable for water for heating/cooling systems and not dangerous gas. Valve made of UNI EN 12165 CW617N brass or made of UNI EN 12165 CW509L no lead brass. Full port. Steel lever handle with anti-corrosion treatment and red PVC coating. Stem with double O-Ring. Double O-Ring (black) on the press connection, complies with EN 681-1 standards. Nut with anti-corrosion coating, with guarantee seal and hologram. USE WITH WATER AND NOT DANGEROUS GAS: Temperature range: -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"; 2,8 MPa (28 bar) for 1-1/2", 2".

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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