A250

Fire Protection

Ball valve for fire protection applications with water, standard port

Datasheet
1171EN 08/2025



Ball valve, with female-female threaded connections.
Standard Port.
In compliance with UL 258:2025 and FM Class 1140 for fire protection applications with water.
Made of DZR brass (dezincification resistant).

Versions and codes

PRODUCT CODE	CONNECTIONS	FINISHING	HANDLE TYPE	HANDLE COLOR
A250X003	G 1/2"F x G 1/2"F	Chrome plated brass	Lever	Red
A250X004	G 3/4"F x G 3/4"F	Chrome plated brass	Lever	Red
A250X005	G 1"F x G 1"F	Chrome plated brass	Lever	Red
A250X006	G 1-1/4"F x G 1-1/4"F	Chrome plated brass	Lever	Red
A250X007	G 1-1/2"F x G 1-1/2"F	Chrome plated brass	Lever	Red
A250X008	G 2"F x G 2"F	Chrome plated brass	Lever	Red
A250UY003	1/2"NPT-F x 1/2"NPT-F	Brass	Lever	Red
A250UY004	3/4"NPT-F x 3/4"NPT-F	Brass	Lever	Red
A250UY005	1"NPT-F x 1"NPT-F	Brass	Lever	Red
A250UY006	1-1/4"NPT-F x 1-1/4"NPT-F	Brass	Lever	Red
A250UY007	1-1/2"NPT-F x 1-1/2"NPT-F	Brass	Lever	Red
A250UY008	2"NPT-F x 2"NPT-F	Brass	Lever	Red

GIACOMINI WATER E-MOTION

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Technical data

Main features and materials

- Suitable for fire protection applications with water
- Standard port
- Valve made of DZR UNI EN 12165 CW602N rough or chrome plated brass
- Ball made of DZR UNI EN 12165 CW602N 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

Approvals

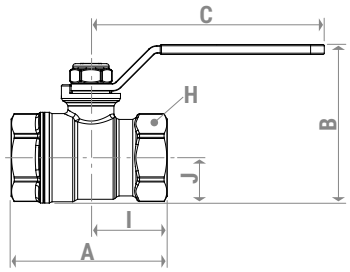
- UL 258:2025
- FM Class 1140

Field of applications

- Min. working temperature: 4 °C (areas exposed to low temperature shall be protected against freezing - NFPA13)
- Max. working pressure at 20 °C with water:
  42 bar for 1/2", 3/4"
  35 bar for 1", 1-1/4"
  21 bar for 1-1/2"
  12 bar for 2"

Dimensions and Kv

PRODUCT CODE	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]	Kv
A250X003	14	54	27	49	15	77	wr.25	10,2
A250X004	18	63	31	64	18	94	wr.32	18,5
A250X005	22	75	38	73	23	94	wr.39	36,3
A250X006	28	84	42	82	28	94	wr.48	73,5
A250X007	35	93	46	100	33	136	wr.55	105
A250X008	45	107	54	115	41	136	wr.67	158
A250UY003	14	54	27	49	15	77	wr.25	10,2
A250UY004	18	63	31	64	18	94	wr.32	18,5
A250UY005	22	75	38	73	23	94	wr.39	36,3
A250UY006	28	84	42	82	28	94	wr.48	73,5
A250UY007	35	93	46	100	33	136	wr.55	105
A250UY008	45	107	54	115	41	136	wr.67	158



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Product specifications

A250

Ball valve, with female-female threaded connections (ISO 228 or NPT). In compliance with UL 258:2025 and FM Class 1140, suitable for fire protection applications with water. Made of DZR UNI EN 12165 CW602N rough or chrome plated brass. Ball made of DZR UNI EN 12165 CW602N chrome plated brass. Standard port. 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: 4 °C (areas exposed to low temperature shall be protected against freezing - NFPA13). Max. working pressure at 20 °C with water: 42 bar for 1/2", 3/4"; 35 bar for 1", 1-1/4"; 21 bar for 1-1/2"; 12 bar for 2".

Safety Warning. Installation, commissioning and periodical maintenance of the product must be carried out by qualified operators in compliance with national regulations and/or local standards. A qualified installer must take all required measures, including use of Individual Protection Devices, for his and others' safety. An improper installation may damage people, animals or objects towards which Giacomini S.p.A. may not be held liable.

Package Disposal. Carton boxes: paper recycling. Plastic bags and bubble wrap: plastic recycling.

Additional information. For more information, go to giacomini.com or contact our technical assistance service. This document provides only general indications. Giacomini S.p.A. may change at any time, without notice and for technical or commercial reasons, the items included herewith. The information included in this technical sheet do not exempt the user from strictly complying with the rules and good practice standards in force.

Product Disposal. Do not dispose of product as municipal waste at the end of its life cycle. Dispose of product at a special recycling platform managed by local authorities or at retailers providing this type of service.

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