

Isolation full-port low-lead ball valve

290030



Product information - PI 400 - Issue Date 06/2021



Function

The code 290030 full-port ball valve is designed for isolating a variety of Caleffi valves with 1" metric "G" thread union connections. The isolation valve installs in between the valve body and the tailpiece fitting assembly. Male x female configuration and bi-directional full ball valve flow capacity provides flexibility for using one or two isolation valves for the primary functioning valve. An optional stem extension is also available for those projects that require pipe insulation.

The 290030 valve features a blowout proof stem, PTFE seats, double o-ring stem seals, chrome-plated lead free brass ball and stem, and cast aluminum T-handle. It complies with NSF/ANSI 61 & 372.

Compatible valve bodies (1" union) include the 127 FlowCal balancing valve, 132 QuickSetter+ balancing valve, 5205 AngleMix mixing valve, 521 MixCal mixing valve (pictured), Z-one zone valves and more.

Product range

290030	Isolation ball valve.....	size 1" x 1" Male x Female Metric (G) thread
NA10815	Stem extension for code 290030 isolation ball valve.....	size 2 5/8" high x 1 1/8" diameter

Technical specifications

Materials

Valve

Body and male end cap: DZR low-lead brass EN 12165 CW510L
 Female unplated nut: DZR low-lead brass EN CW617N EN 12165
 Chrome-plated ball and unplated stem: DZR low-lead brass EN 12164 CW510L
 Seats (2): PTFE
 O-ring stem seals (2): EPDM
 Gasket: EPDM
 Green T-handle (RAL6001): Cast Aluminum EN AC-46100 EN 1676
 Stem extension, code NA10815.....Aluminum
 (optional, purchase separately, field install)

Performance

Suitable Fluids: water, glycol solutions
 Max. percentage of glycol: 50%
 Max. working pressure: 230 psi (16 bar)
 Working temperature range: -40 – 300°F (-40 – 150°C)
 Flow coefficient, fully open: Cv 5.8 (Kvs 5.0)

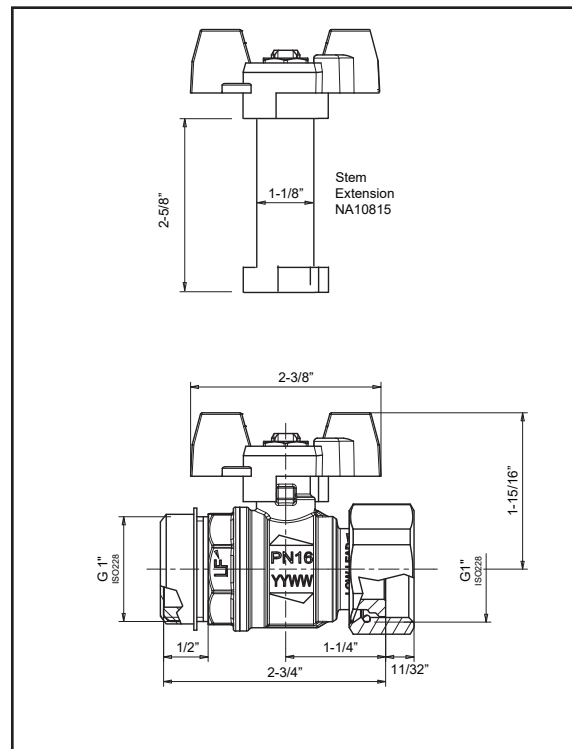
Connections:

Main connections: 1" Metric "G" thread Male x Female, ISO 228/1

Certifications:

Complies with NSF/ANSI 61 & 372.

Dimensions



We reserve the right to change our products and their relevant technical data, contained in this publication, at any time and without prior notice.



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