90BY

Valve for HVAC Terminal Units Mounting



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Valve for HVAC terminal units mounting (fan coils, heat exchangers and so on) Threaded F/F/F/F (ISO 228/1) union ends

Version with only two union ends also available

Olive and nut mounting kit for European copper tubing (EN1057) on request:

- DN15, kit for 15mm pipe
- DN20, kit for 22mm pipe

Other connections (CxC, threaded M, ISO 7/1 Rp) or combinations on request Air testing according to EN12266-1

Available in 40mm or 80mm center to center version One piece body with integral by-pass channel Blow-out proof stems

TR CU 010 compliant

PN25 (Max 25bar up to 100°C, max 20bar at 130°C) PN16 with O/N kit (Max 16bar up to 30°C, max 5bar at 120°C) Free of CE marking (cat. according to Art. 4.3 Dir. 2014/68/EU)

Working conditions

- Suitable for: water, -10°C to +130°C (120°C with O/N kit) below 0°C only for water with added antifreeze fluids over 100°C only for water with added anti-boiling fluids
- Not suitable for: gases group 1 & 2, liquids group 1 (Dir. 2014/68/UE)

PARTLIST

Ν.	Part	Material	Norm
1	Fixed end	DZR brass	EN12165 CW602N
2	Seat	PTFE	-
3	Ball	Chr. pl. DZR brass	EN12164 CW602N
4	Body	DZR brass	EN12165 CW602N
5	Stem	DZR brass	EN12164 CW602N
6	Stem O-ring	EPDM Perox	-
7	Butterfly	Aluminum	EN1705
8	Butterfly screw	Zinc plated steel	EN10025 Fe42
9	By-pass gasket	EPDM Perox	-
10	By-pass stem	DZR brass	EN12164 CW602N
11	By-pass stem OR	EPDM Perox	-
12	Bonnet o-ring	EPDM Perox	
13	Bonnet	DZR brass	EN12164 CW602N
14	Handwheel o-ring	Silicon	
15	Handwheel	ABS (blue)	-
16	Handwheel screw	Zinc plated steel	EN10025 Fe42
17	Union nut	Brass	EN12165 CW617N
18	Union ¹	DZR brass	EN12164 CW602N
17	Union O-ring	EPDM Perox	-
¹ In tw	o parts for $DN20_{40}$ and $DN25$		

