



s.468LF DZR

22 mm compression ends

ISO 5211

Lead-Free

dezincification-resistant



Quality

- 100% seal test guaranteed
- Arrow on the valve body clearly shows the flow direction
- No metal-to-metal moving parts
- No maintenance ever required
- Stem clearly shows ball position
- Silicone-free lubricant on all seals
- Chrome plated DZR and lead free brass ball for longer life and with antifreeze function

Body

- Hot forged sand blasted DZR and lead free unplated body and cap sealed with Loctite® or equivalent thread sealant
- Dezincification-resistant and lead free brass in compliance with HCAAC Hygienic copper alloy composition (UBA list)

Stem

- Maintenance-free, double EPDM O-rings at the stem for maximum safety
- Blowout-proof unplated DZR and lead free brass stem

Sealing

- EPDM seats for lower torque

Threads

- Compression ends to EN 1254-2

Flow

- Full port to DIN 3357 for maximum flow

Handle

- Integrated sturdy ISO 5211 flange allows direct mounting of electric and pneumatic actuators, with no bracket or coupling required. See **RuB** line of electric and pneumatic actuators.

Working pressure & temperature

- Shell rating: 40 bar (600 PSI) non-shock cold working pressure
- Seat rating/compression ends: 16 bar max (230 PSI max) non-shock cold working pressure (see chart for pressure/temperature limits)
- -20°C to +120°C (-4°F to +250°F)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

Options

- S.468 DZR and lead free 7/8" compression ends
- Rack and pinion pneumatic actuator (spring return or double acting)
- Compact power electric actuator
- Manual lockable handle

Upon request

- Custom design

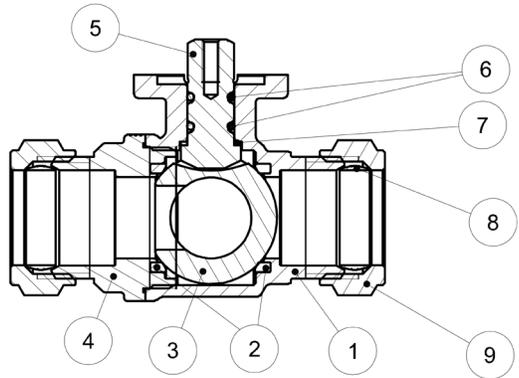
PED directive

- The product described in this document meets the requirements of PED Directive 2014/68/UE and according to art.4 par.3, it does not require CE marking

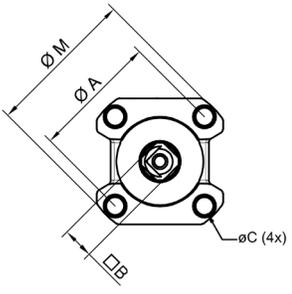
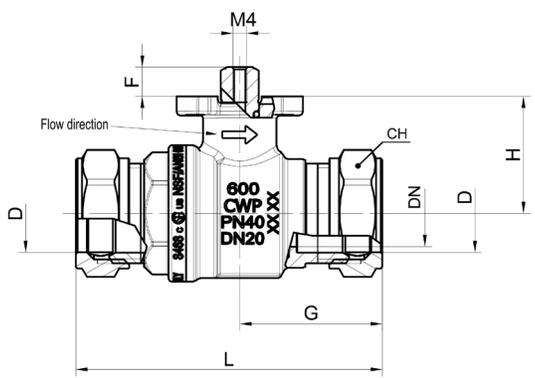
Approved by or in compliance with

- Certified by CSA International for Drinking Water to NSF/ANSI 372 (United States)
- Water Regulations Advisory Scheme (United Kingdom)

NOTE: approvals apply to specific configurations/sizes only.



Part description	Q.ty	Material	
1	Unplated body	1	CW511L
2	Seat	2	EPDM
3	Chrome plated ball	1	CW511L
4	Unplated end-cap	1	CW511L
5	Unplated stem	1	CW511L
6	O-Ring	2	EPDM
7	Washer	1	PTFE carbon filled 25%
8	Olive	2	CW508L
9	Unplated nut	2	CW617N



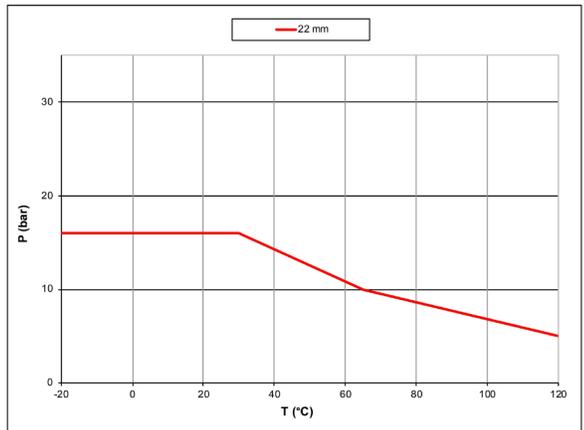
Code	S468E22
D (inch)	22
DN(mm)	19
L (mm)	87.5
G (mm)	40.7
H (mm)	33.5
ØA (mm)	36
ØC (mm)	Ø5.2 (M6)
Square B (mm)	9
ØM (mm)	43.4
F (mm)	8.3
CH (mm)	32
Kv (m3/h)	36

DN shows the nominal flow diameter. Actual flow diameter complies with full port DIN 3357 part 4.

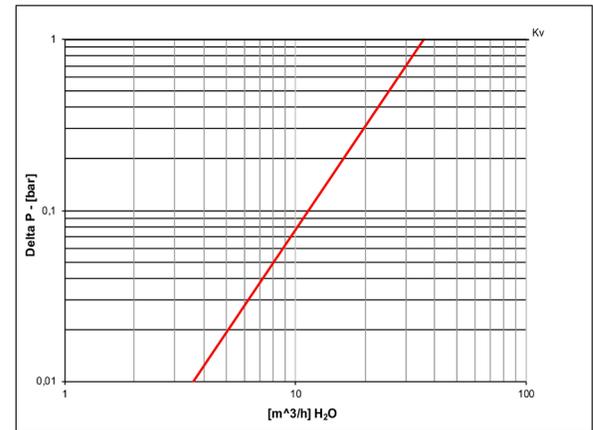
Torque for actuator sizing N.m

Delta P -->	0÷6 bar	6÷16 bar
Valve size	to open/to close	to open/to close
22 mm	2,5	3

Pressure-temperature chart



Pressure drop chart



WARNING: This product can expose you to chemicals including lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov