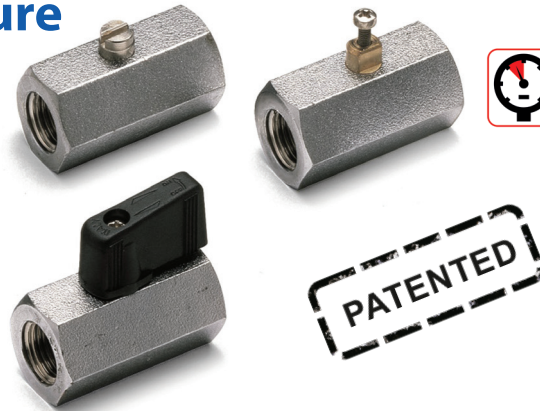




s.35 NPT high pressure

1/8" - 1/2"
mini ball valve



Quality

- Dual sealing system allows valve to be operated in either direction making installation easier
- No metal-to-metal moving parts
- No maintenance ever required
- Handle/ stem clearly shows ball position
- Silicone-free lubricant on all seals
- Each valve is seal tested for maximum safety
- Chrome plated brass ball for longer life

Body

- One piece drawn sand blasted brass body with extremely compact design
- Finest brass according to EN 12164 specification
- Patent n. 7011-B/89

Stem

- Blowout-proof brass stem with FPM O-ring
- Maintenance-free thanks to FPM O-ring at the stem for maximum safety

Sealing

- Pure PTFE self-lubricating seats with flexible-lip design

Threads

- NPT taper ANSI B.1.20.1 female by female threads

Handle

- Reinforced nylon black wedge handle
- Handle removable with valve in service
- **WARNING:** do not exceed reasonable temperature and/or electrical load

Working pressure & temperature

- 450 PSI non-shock cold working pressure
- -4°F to +200°F (-20°C to +90°C)
- +250°F screw driver version and metal wedge handle
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

Options

- Male by female threads
- Screw driver or wrench operated
- Nylon wedge handle yellow, red or green
- Metal wedge handle available in colours red, black, yellow, green, light blue, chrome plated
- Grey wedge handle in Grivory® -high performing polymer
- ISO 228 parallel threads

Upon request

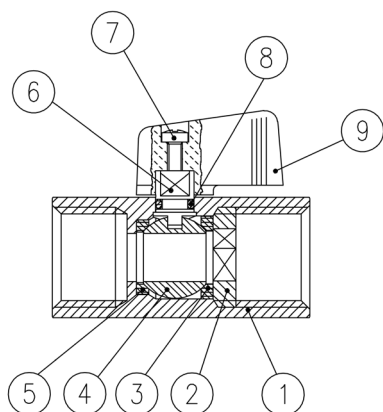
- Aluminum body
- Additional connection options
- ISO 7/1 BSPT taper threads
- Dezincification resistant brass CW602N

Approved by or in compliance with

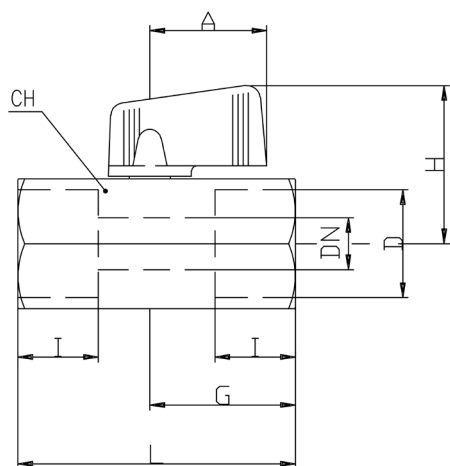
- GOST-R (Russia)
- RoHS Compliant (EU)

NOTE: approvals apply to specific configurations/sizes only.





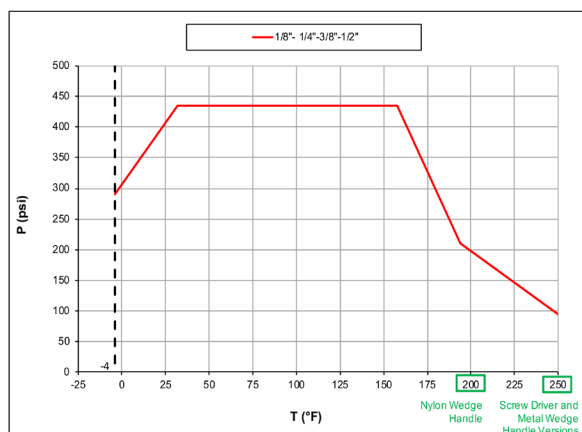
	Part description	Q.ty	Material
1	Chrome plated body	1	CW617N
2	Retainer nut	1	CW617N
3	Retainer seat	1	PTFE
4	Chrome plated ball	1	CW617N
5	Body seat	1	PTFE
6	Unplated stem	1	CW617N
7	Zinc plated screw	1	CB4FF (EN10263-2)
8	O-Ring	1	FPM
9	Black handle	1	Nylon glass filled 30%



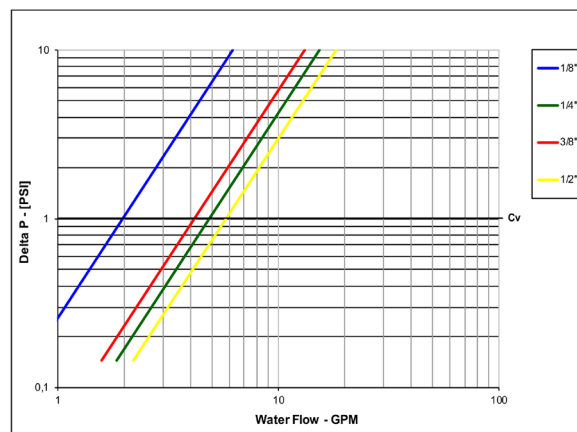
DN shows the nominal flow diameter.

Code	S35AX0	S35BX0	S35CX0	S35DX0
D (inch)	1/8	1/4	3/8	1/2
DN (inch)	0.236	0.314	0.314	0.393
I (inch)	0.354	0.472	0.472	0.610
L (inch)	1.712	1.712	1.712	2.106
G (inch)	0.905	0.905	0.905	1.102
A (inch)	0.885	0.885	0.885	0.885
H (inch)	1.220	1.220	1.220	1.299
CH (inch)	0.826	0.826	0.826	0.984
Cv (GPM)	2.0	4.9	4.2	5.8

Pressure-temperature chart



Pressure drop chart



XCES35N - 4266