



PNEUMATIC CATALOG



**Started in 1954 by a young Silvio Bonomi, Bonomi Industries Srl
led product and process innovations of the brass valve industry
for over 70 years**

**Our founder's motto was "Quality and trust". This is the legacy
we bring forward every day.**



About us

Bonomi Industries Srl is an Italian manufacturer of high quality shut-off brass valves, actuators and custom-engineered solutions. Under the RuB brand, its products are globally trusted for their reliability and performance in a variety of applications.

Bonomi Industries Srl is part of Hadron group — a private holding company established in 2018 during the strategic reorganization of Rubinetterie Utensilerie Bonomi (RuB), which also led to the creation of Shedstone, a real estate company — Bonomi Industries Srl continues to grow and innovate. Started in 1954, with entrepreneurial roots tracing back to 1828, the company upholds the values and tradition of a family business while embracing a vision focused towards the future.

Growth at Bonomi Industries Srl is driven by continuous investments in product improvements, advanced machining, assembly, and logistics technologies, as well as expanded manufacturing capabilities, enhanced system interconnectivity, database analysis and strengthened engineering and R&D efforts. At the same time, sustainability — encompassing environmental, social, and governance topics — has always been part of the company's DNA and inspires meaningful actions.

For Bonomi Industries Srl, innovation and responsibility go hand in hand. This commitment shapes a journey aimed at safeguarding the environment, empowering people, and fostering resilient governance for a better tomorrow.



Bonomi Industries Srl turns words into actions for all stakeholders
Scan the QR code to discover our values



Companies

RuB valves and actuators are trusted worldwide, installed across five continents and proven in the most demanding applications.

Production takes place entirely at our headquarters, Bonomi Industries Srl, in Mazzano (Brescia), Italy. Finished products are then distributed globally from Italy and through our international branches. In North America, *RuB, Incorporated* operates from a modern 5.000 sqm (50,000 sqf) facility, handling both assembly and distribution. In Japan, *RuB kk* serves as a strategic presence in a peculiar market.

With a strong global presence, we provide proximity, reliability, and outstanding service to our customers. Our sales team builds lasting partnerships with distributors and OEMs by offering responsive support and technical expertise. Certified, high-quality products, combined with deep knowledge of local cultures and regulations, make Bonomi Industries Srl the trusted partner in fluid control solutions.



Bonomi Industries srl

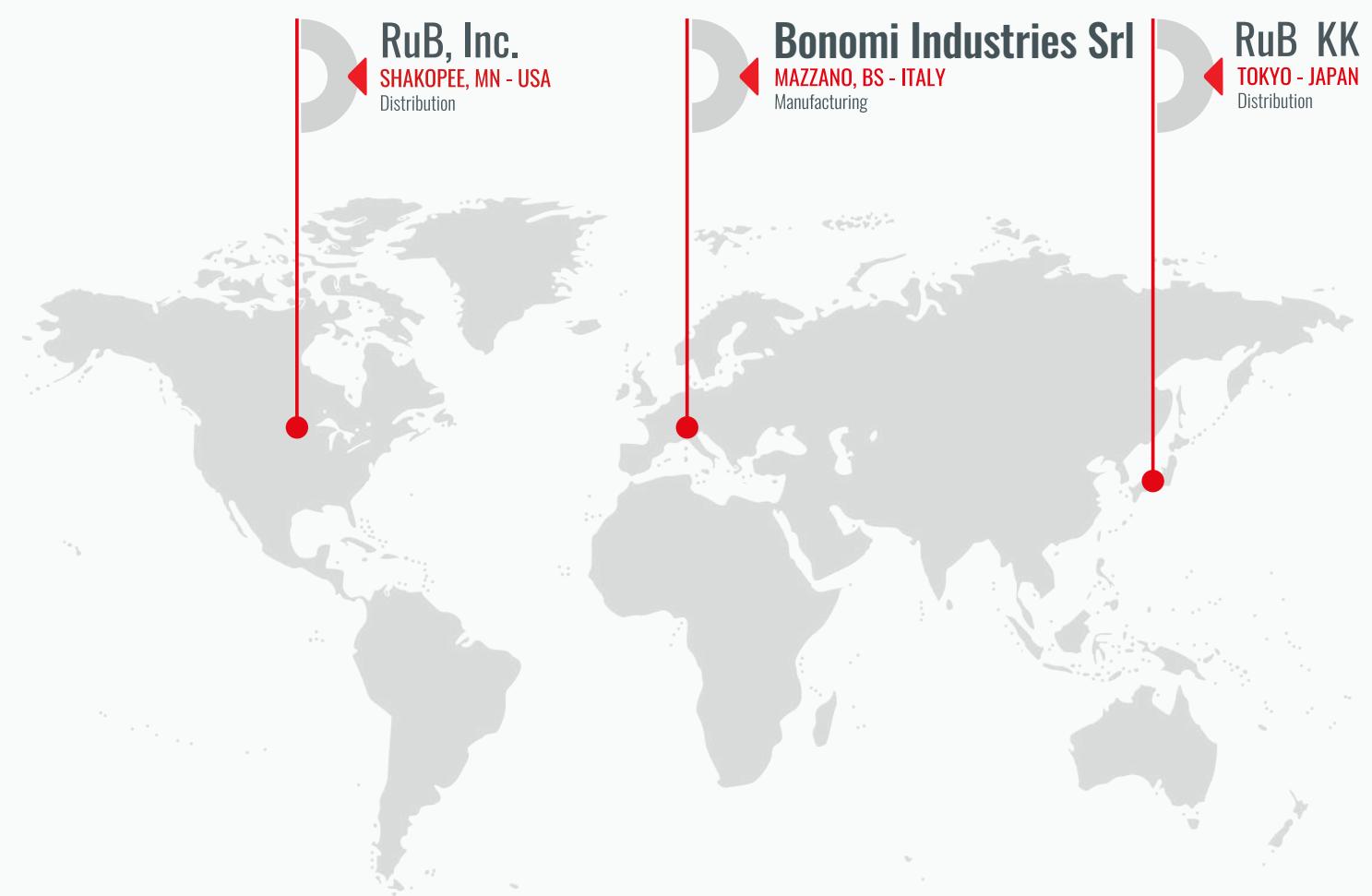
MAZZANO, BS - ITALY
Manufacturing



RuB, Inc.
SHAKOPEE, MN - USA
Distribution



RuB KK
TOKYO - JAPAN
Distribution



Quality

Quality you can trust, proven through generations of experience.

From rigorous incoming goods inspections to double leak testing, 24-72 hour valve assessments, and visual inspections for top markets/applications, Bonomi Industries Srl ensures consistent reliability and precision in every product. Advanced traceability systems, calibrated instruments, and statistical software enhance quality control throughout the production process.

Our dedicated Quality Control team supports continuous monitoring and improvement, ensuring that each production batch meets exactly applicable standards. Paired with robust testing protocols and expert technical support, we deliver solutions designed to meet the most challenging applications.



Approved by Lloyd's Register Quality Assurance:

ISO 9001:2015 (Quality Management) since 1998.

ISO 14001:2018 (Environmental Management System) since 2021.

ISO 45001:2018 (Occupational Health & Safety) since 2021.



Environment: Air and water are filtered and recovered. Use of recycled environment-friendly packaging materials. Scrap is recycled.



Product Quality Assessment: recognized by certifying bodies in all major industrialized countries worldwide



Safety: compliance with the provisions of decree 81/2008 for the safety system, extensive staff training, and continuous monitoring



Customized products developed by the Engineering Center

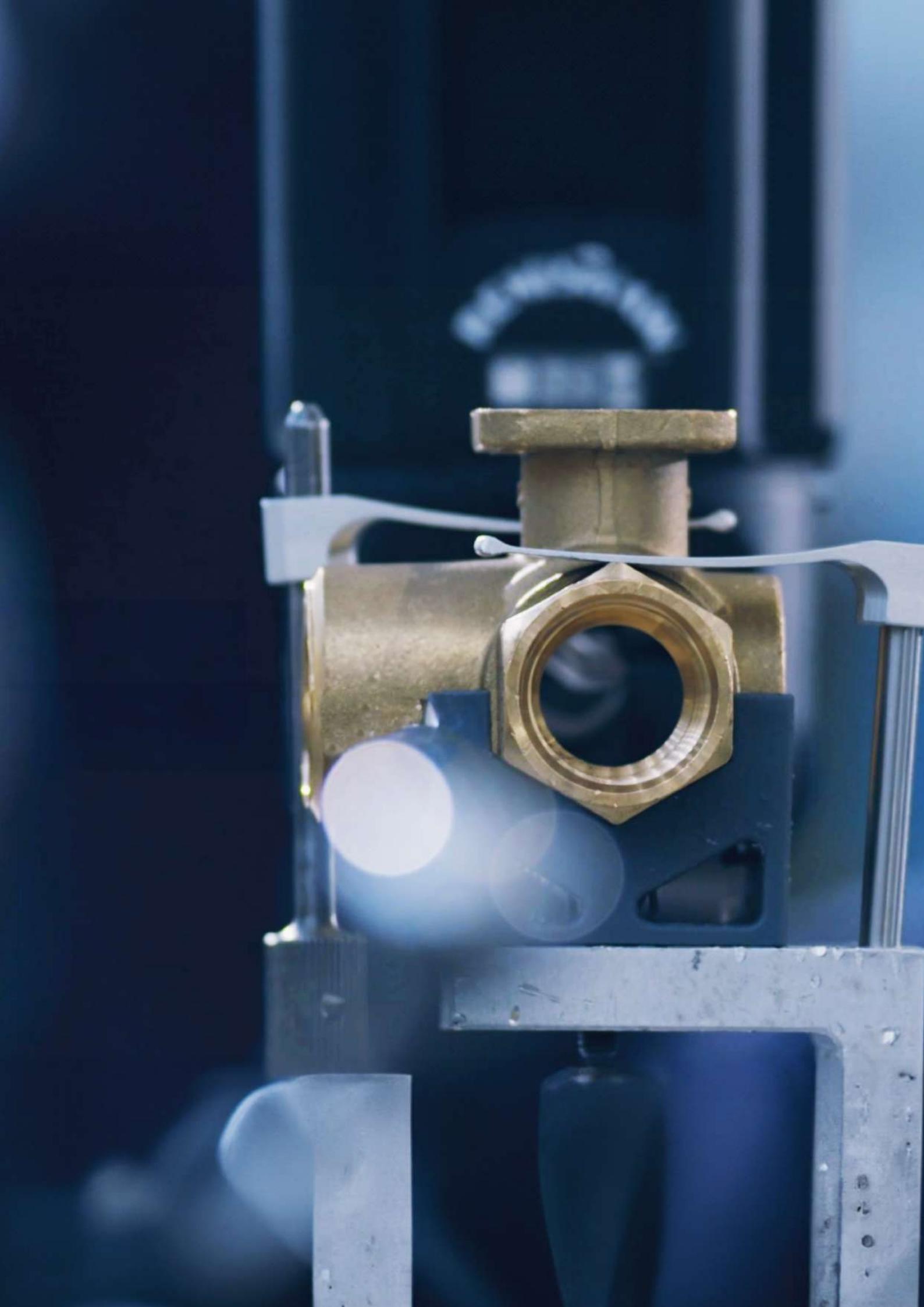


In compliance with the **PED Directive** since 2002



Quality you can trust

See our quality process in action/Experience every step of our quality process



Sustainability

Sustainability has always been a necessity, not a choice. The adoption of sustainable practices at corporate level lays the foundation for creating virtuous cycles that inspire future generations.

Our commitment is stronger than ever, and we're proud to share with you here below figures that mark the tasks we focus on our actions, achievements, and the vision we have for the future. Localized production of electricity is now a reality and we have not been shy with our investments towards clean renewable energy.

Companies are finally waking up to producing their own electricity. Aside from covering the needs of our production manufacturing facility with through solar panels, we constantly reduce energy consumption by investing in smart technology and minimizing heavy material handling.

The diligence with which we strive to make our process and products less impactful on the environment is confirmed by the certifications awarded by international bodies, in particular ISO 14001:2018 and the "silver" medal in the EcoVadis sustainability assessment.

HOW WE WALK THE TALK.

100% of our brass ball valves prevent unnecessary waste – lifetime guaranteed

96% manufacturing scrap is reused

30% of energy comes from our own renewable sources

100% cooling waters are recovered and reused



Together, safeguarding our Planet
Learn more about our initiatives.





OEM

Every year, OEMs all over the world rely on RuB custom solutions to reduce leaks, equipment breakages and production downtime. We're heavily invested in OEM customizations with custom-made machinery for innovative products and solutions.

We have proven expertise in solving technical and operational challenges for leading boilers, heat pumps and burners manufacturers, LPG gas tank and system manufacturers, manufacturers of watering systems, fire protection, refrigeration, HVAC manufacturers, marine applications with shipbuilders, compressors, tanks, machine tools manufacturers, filtration, chemical, food processing and pharmaceutical companies.

We are intrigued to learn about your obstacles and bring your custom, top shelf solution to life.

PRIVATE LABEL

We strive to meet the needs of our customers in every way possible. And we do so not only through specifically designed, engineered and manufactured OEM products, but also by customizing standard RuB ball valves.

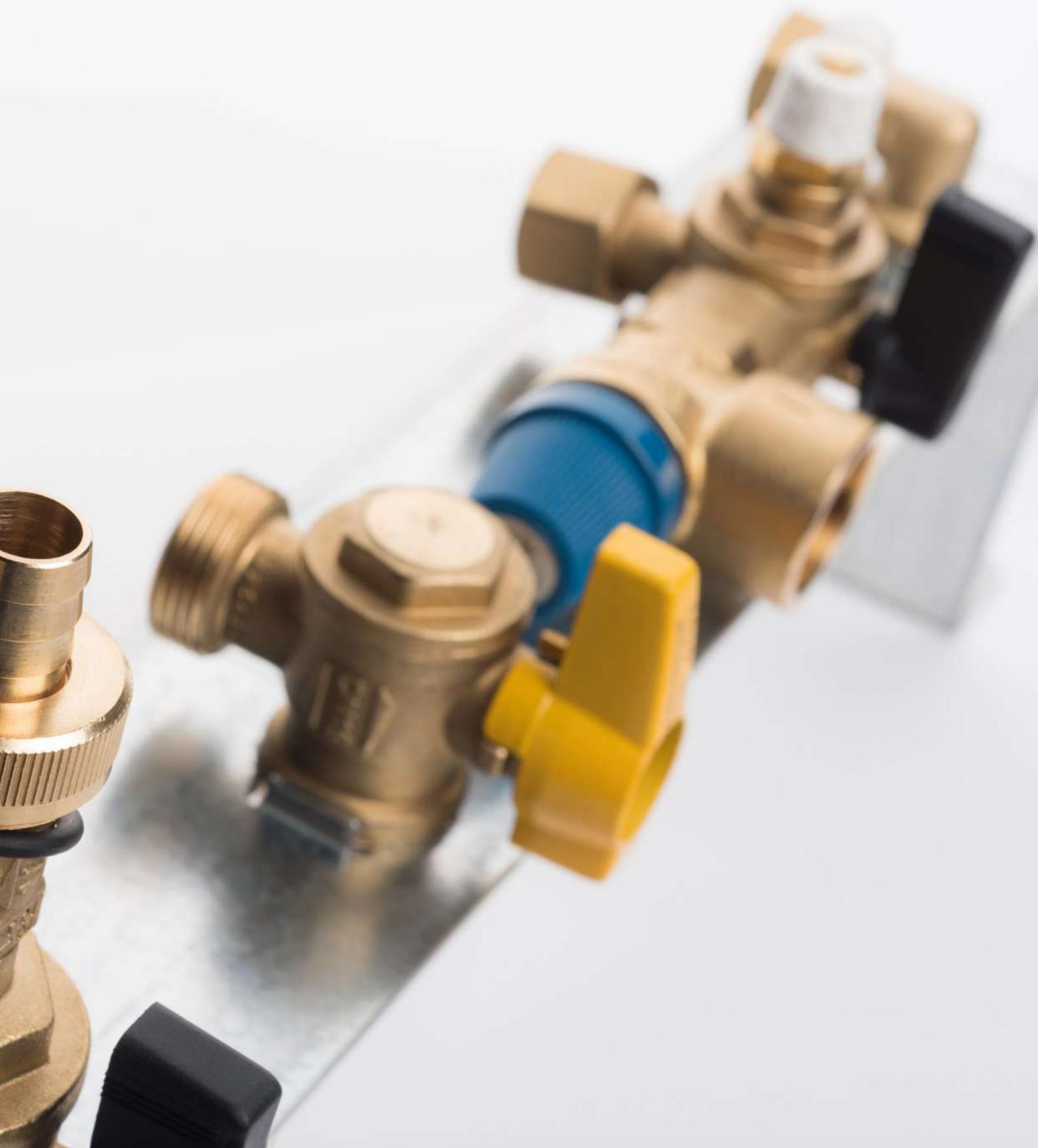
The possible branding options to choose from include:

- Changing the lever marking to the customer's trademark
- Packing with a custom label
- Customized handle colors and materials
- Customized valve fittings
- Dedicated valve body stamping
- Special marking on the valve body
- Custom installation instructions



OEM solutions, custom made for you
OEMs have a Partner to solve their challenges and develop new products





Certifications

We are proud to offer 100% made-in-Italy shut-off brass valves, actuators, and OEM-engineered products, all manufactured in our ISO 9001:2015 certified headquarters in Brescia, Italy. Since adopting this quality management system in 1992 under Lloyd's Register, we have continuously improved product reliability, performance and traceability.

Our certifications, granted by leading global laboratories and agencies, demonstrate compliance with the highest standards for major applications and markets. Supported by rigorous testing and state of art technology, our products meet the demanding requirements of top manufacturers and distributors worldwide.

PRODUCT TYPE APPROVALS

 Deutsche Vereinigung des Gas und Wasserfaches e.V. Technisch-wissenschaftlicher Verein		 General Directorate of Civil Defence	
 Deutsche Vereinigung des Gas und Wasserfaches		 The Australian Gas Association	
 Deutsche Vereinigung des Gas und Wasserfaches Hygiene		 OSHA Compliant	
 Schweizerischer Verein des Gas und Wasserfaches		 Factory Mutual Research Corporation	
 Attestation de Conformité Sanitaire		 Underwriter Laboratories Inc.	
 ARGB-KVBG		 CRN-TSSA	
 Water Regulations Advisory Scheme		 CSA International for Drinking Water to NSF/ANSI 61-NSF/ANSI 372	
 British Standards Institution		 CSA - Canadian Standards Association	
 Kiwa KUKreg4		 KSFD -Kuwait Fire Service Directorate	
 Ri.se. / Boverket		 LIA - L.P Gas Instruments Inspections Association	

COMPLIANCES

 ROHS	
 Reach declaration	

 PED 2014/68/UE by ICM (0425)	
 Декларация соответствия	

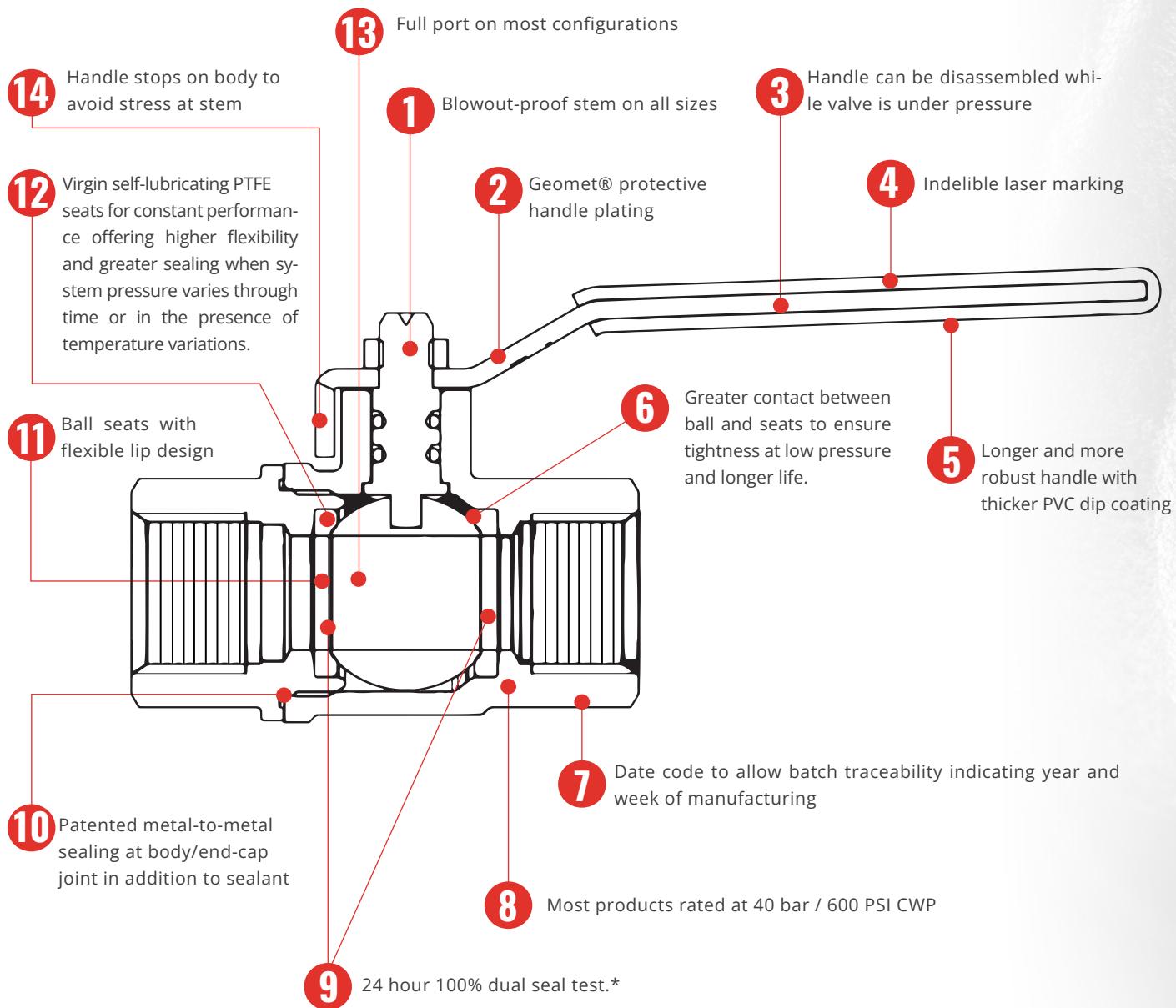


We developed and constantly innovate strict protocols and processes
Discover all the certifications and awards received from international bodies

↑ OPEN
↓ SHUT

PATENTED
NO.1421306

RuB valve features



RuB seal test

Valve in half open position is pressurized at 6 bar (87 psig), then closed, trapping compressed air in between ball seats and stem sealing. After adequate preset time, based upon valve size, any leaks are verified using extremely accurate electronic sensors and any defective valve is automatically rejected; all valves passing this initial seal test are filled with compressed air again and remain closed and under pressure for minimum 24 hours; after 24 hours, the valves go back again under the same accurate a new set of electronic pressure sensors and any leaking valve is automatically rejected.

* Certain products are not suitable for double seal test



Our solutions come with an added benefit: maximizing your revenue
Scan the QR code to discover our products



PNEUMATIC

RuB solutions for pneumatic applications are engineered to deliver reliable performance ranging from industrial to domestic settings. Designed to control compressed air and inert gases, RuB ball valves ensure efficiency, safety, and precision in fluid management.





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S.34

Female/Female

1/8" - 1/2"

ISO 228 mini ball valve, suitable for panel mounting



QUALITY

- Each valve is seal tested for maximum safety
- 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 clearly shows ball position
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life

BODY

- One piece drawn sand blasted brass body incorporating stem neck which provides excellent guidance of the stem
- Finest brass according to EN 12164 specification

STEM

- Maintenance-free, double FPM O-rings at the stem for maximum safety

SEALING

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

THREADS

- ISO 228 parallel female by female threads

HANDLE

- Lever and T-handle clearly show ball position
- Nylon black lever or T-handle removable with valve in service

OPTIONS

- Screw driver or wrench operated
- Yellow lever or T-handle

WORKING PRESSURE & TEMPERATURE

- 15 bar (200 PSI) non-shock cold working pressure
- -20°C to +90°C (-4°F to +200°F)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

PED DIRECTIVE

- The product 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

- RoHS Compliant (EU)
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)

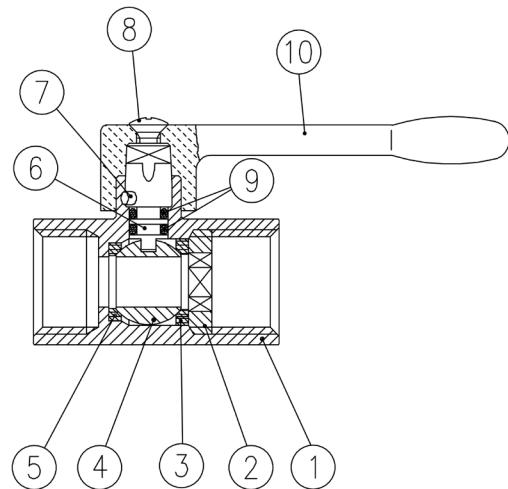
NOTE: approvals apply to specific configurations/sizes only.



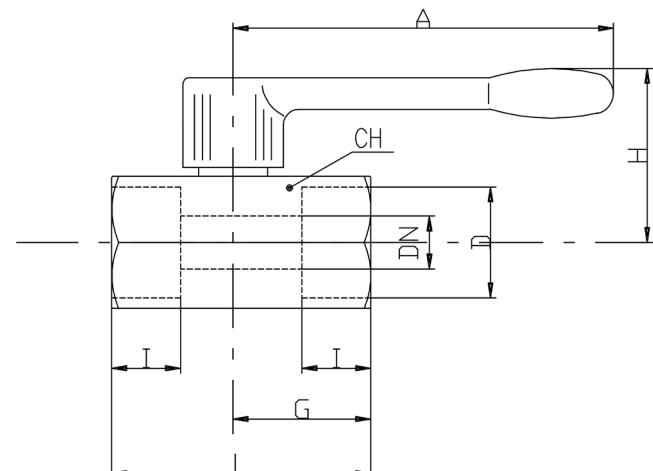
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Part description		Q.ty	Material
1	Chrome plated body	1	CW617N
2	Retainer nut	1	CW617N
3	Retainer seat	1	PTFE
4	Chrome plated ball	1	CW617N
5	Body seat	1	PTFE
6	Unplated stem	1	CW617N
7	Pin	1	1.4301 / AISI304
8	Zinc plated screw	1	C4C (EN10263-2)
9	O-Ring	2	FPM
10	Black handle	1	Nylon glass filled 30%

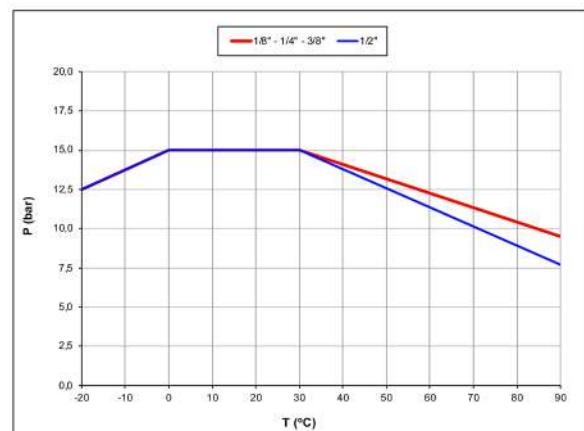


Code	S34AF0	S34BF0	S34CF0	S34DF0
D (inch)	1/8"	1/4"	3/8"	1/2"
DN (mm)	6	8	8	10
I (mm)	10	11	11	13
L (mm)	41.5	41.5	41.5	49
G (mm)	22	22	22	26
A (mm)	72	72	72	72
H (mm)	30.5	30.5	30.5	32.5
CH (mm)	21	21	21	25
Kv (m³/h)	1.7	4.2	3.6	5

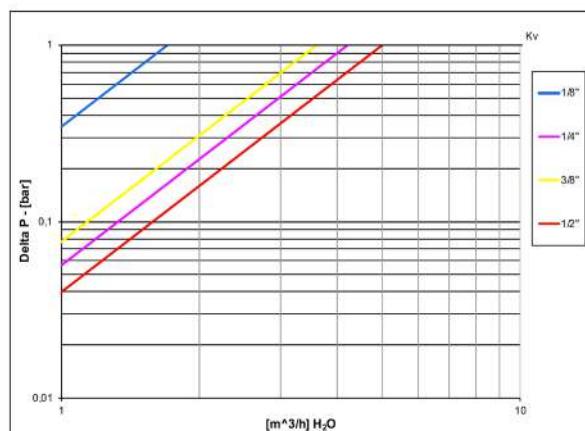


DN shows the nominal flow diameter.

PRESSURE-TEMPERATURE CHART



PRESSURE DROP CHART





s.34 M/F

Male/Female

1/8" - 1/2"

ISO 228 mini ball valve, suitable for panel mounting



QUALITY

- Each valve is seal tested for maximum safety
- 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 clearly shows ball position
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life

BODY

- One piece drawn sand blasted brass body incorporating stem neck which provides excellent guidance of the stem
- Finest brass according to EN 12164 specification

STEM

- Maintenance-free, double FPM O-rings at the stem for maximum safety

SEALING

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

THREADS

- ISO 228 parallel male by female threads

OPTIONS

- Female by female threads
- Screw driver or wrench operated
- Yellow lever or T-handle

HANDLE

- Lever and T-handle clearly show ball position
- Nylon black lever or T-handle removable with valve in service

WORKING PRESSURE & TEMPERATURE

- 15 bar (200 PSI) non-shock cold working pressure
- -20°C to +90°C (-4°F to +200°F)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

PED DIRECTIVE

- The product 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

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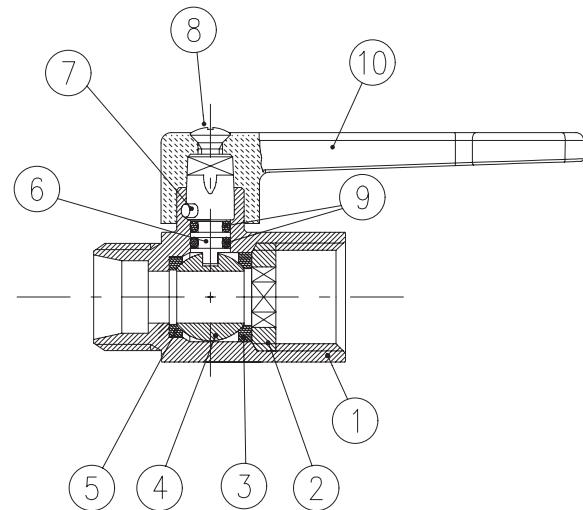


s.34 MF XCES34M - 5813

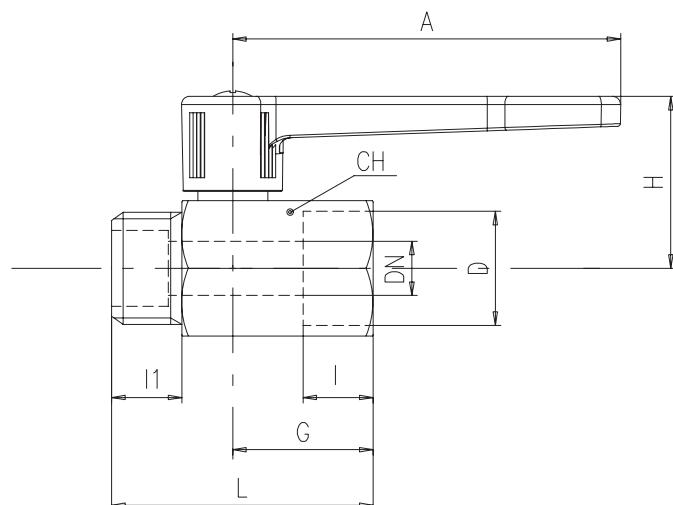
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3	Retainer seat	1	PTFE
4	Chrome plated ball	1	CW617N
5	Body seat	1	PTFE
6	Unplated stem	1	CW617N
7	Pin	1	1.4301 / AISI304
8	Zinc plated screw	1	CB4FF (EN10263-2)
9	O-Ring	2	FPM
10	Black handle	1	Nylon glass filled 30%

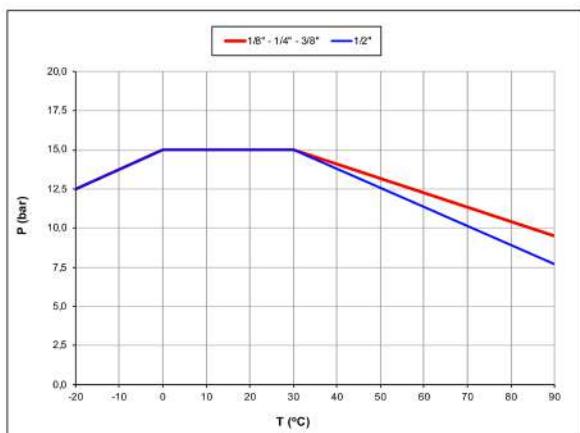


Code	S34AM0	S34BM0	S34CM0	S34DM0
D (inch)	1/8"	1/4"	3/8"	1/2"
DN (mm)	5	8	8	10
I (mm)	10	11	11	13
I 1 (mm)	9.5	9.5	9.5	13
L (mm)	41.5	41.5	41.5	49
G (mm)	22	22	22	26
A (mm)	72	72	72	72
H (mm)	30.5	30.5	30.5	32.5
CH (mm)	21	21	21	25
Kv (m³/h)	1.7	4.2	3.6	5

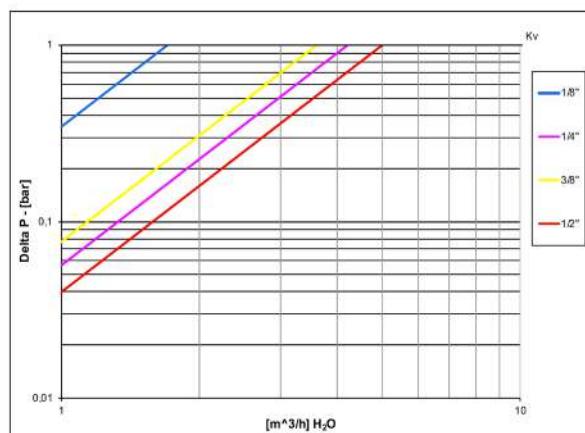


DN shows the nominal flow diameter.

PRESSURE-TEMPERATURE CHART



PRESSURE DROP CHART





S.34 NPT

**Female/Female
1/8" - 1/2"
mini ball valve, suitable for panel mounting**



QUALITY

- 24h 100% seal test guaranteed
- 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 clearly shows ball position
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life

BODY

- One piece drawn sand blasted brass body incorporating stem neck which provides excellent guidance of the stem
- Finest brass according to EN 12164 specification

STEM

- Maintenance-free, double FPM O-rings 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

- Lever and T-handle clearly show ball position
- Nylon black lever or T-handle removable with valve in service

OPTIONS

- Male by female threads
- Screw driver or wrench operated
- Yellow lever or T-handle

WORKING PRESSURE & TEMPERATURE

- 200 PSI (15 bar) non-shock cold working pressure
- -4°F to +200°F (-20°C to +90°C)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

PED DIRECTIVE

- The product 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

- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)
- RoHS Compliant (EU)

NOTE: approvals apply to specific configurations/sizes only.

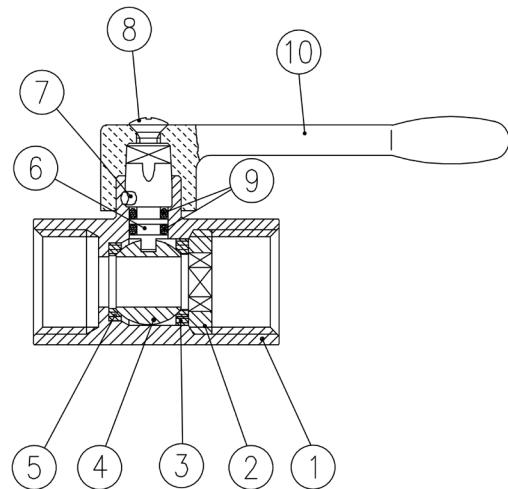


s.34 NPT XCES34N - 5813

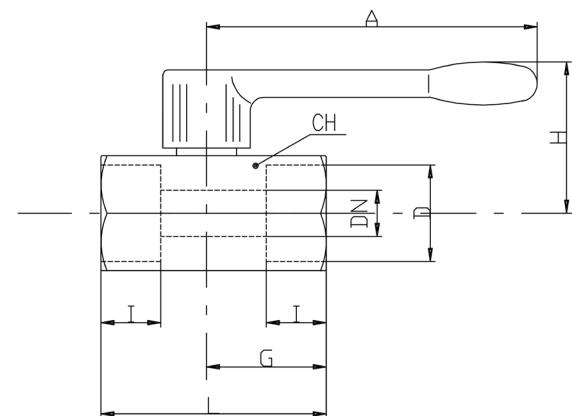
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3	Retainer seat	1	PTFE
4	Chrome plated ball	1	CW617N
5	Body seat	1	PTFE
6	Unplated stem	1	CW617N
7	Pin	1	1.4301 / AISI304
8	Zinc plated screw	1	C4C
9	O-Ring	2	FPM
10	Black handle	1	Nylon glass filled 30%

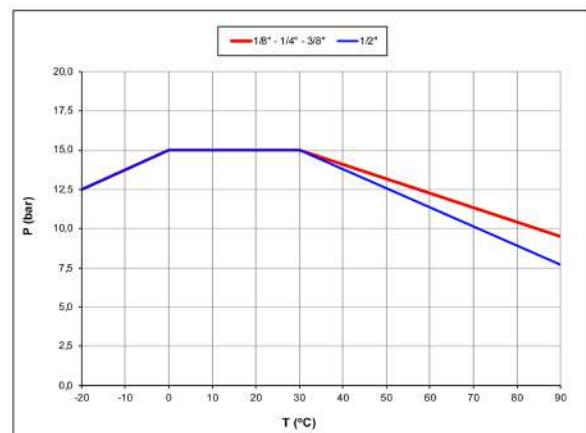


Code	S34AX0	S34BX0	S34CX0	S34DX0
D (inch)	1/8"	1/4"	3/8"	1/2"
DN (inch)	0.236	0.314	0.314	0.393
I (inch)	0.354	0.472	0.472	0.610
L (inch)	1.712	1.712	1.712	2.106
G (inch)	0.905	0.905	0.905	1.102
A (inch)	2.834	2.834	2.834	2.834
H (inch)	1.200	1.200	1.200	1.279
CH (inch)	0.826	0.826	0.826	0.984
Cv (GPM)	2.0	4.9	4.2	5.8

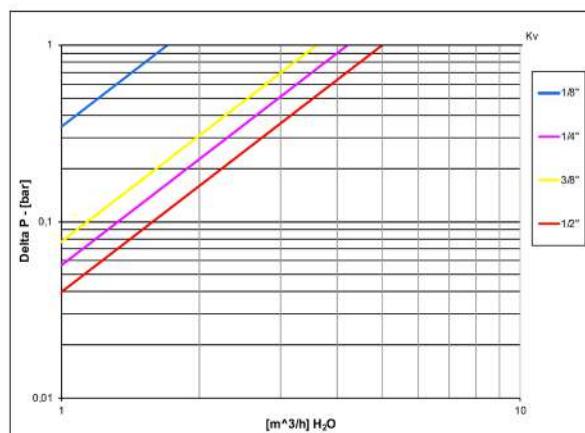


DN shows the nominal flow diameter.

PRESSURE-TEMPERATURE CHART



PRESSURE DROP CHART





S.34 NPT M/F

Male/Female
1/8" - 1/2"
suitable for panel mounting



QUALITY

- Each valve is seal tested for maximum safety
- 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 clearly shows ball position
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life

BODY

- One piece drawn sand blasted brass body incorporating stem neck which provides excellent guidance of the stem
- Finest brass according to EN 12164 specification

STEM

- Maintenance-free, double FPM O-rings at the stem for maximum safety

SEALING

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

THREADS

- NPT taper ANSI B.1.20.1 male by female threads

OPTIONS

- Female by female threads
- Screw driver or wrench operated
- Yellow lever or T-handle

HANDLE

- Lever and T-handle clearly show ball position
- Nylon black lever or T-handle removable with valve in service

WORKING PRESSURE & TEMPERATURE

- 15 bar (200 PSI) non-shock cold working pressure
- -20°C to +90°C (-4°F to +200°F)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

APPROVED BY OR IN COMPLIANCE WITH

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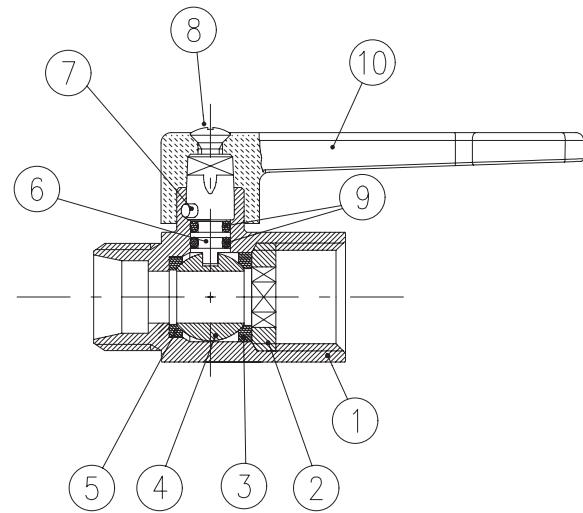


s.34 NPT MF XCES34MN - 5813

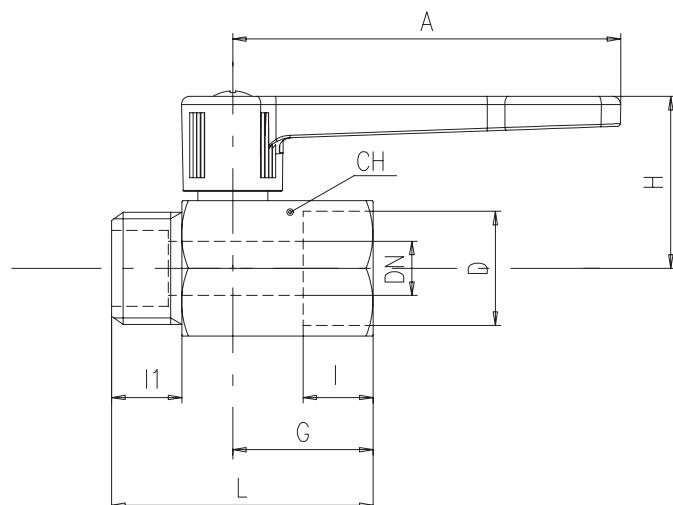
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9	O-Ring	2	FPM
10	Black handle	1	Nylon glass filled 30%

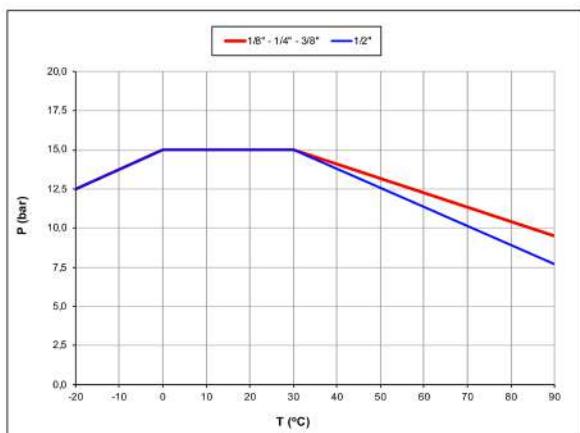


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I (inch)	0.354	0.472	0.472	0.610
I 1 (inch)	0.354	0.417	0.417	0.610
L (inch)	1.713	1.713	1.713	2.106
G (inch)	0.905	0.905	0.905	1.102
A (inch)	2.834	2.834	2.834	2.834
H (inch)	1.200	1.200	1.200	1.279
CH (inch)	0.826	0.826	0.826	0.984
CV (GPM)	2.0	4.9	4.2	5.8

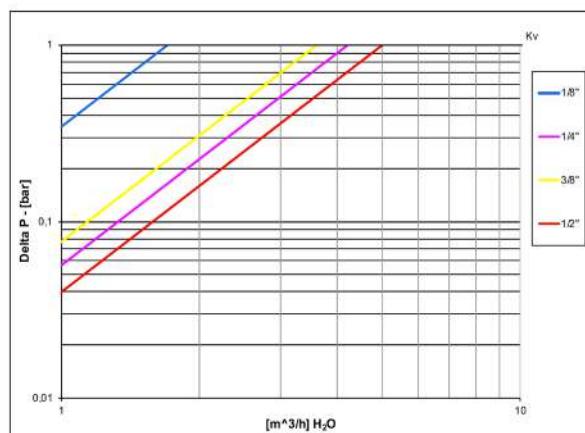


DN shows the nominal flow diameter.

PRESSURE-TEMPERATURE CHART



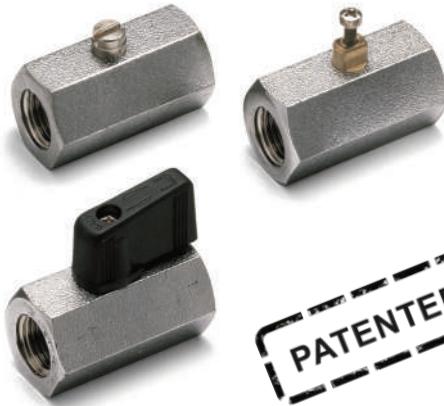
PRESSURE DROP CHART





S.35 high pressure

Female/Female
1/8" - 1/2"
ISO 228 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
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life
- Each valve is seal tested for maximum safety
- Handle/ stem clearly shows ball position

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

- ISO 228 parallel female by female threads

HANDLE

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

WORKING PRESSURE & TEMPERATURE

- 30 bar (450 PSI) non-shock cold working pressure
- -20°C to +90°C (-4°F to +200°F)
- +120°C (+250°F) screw driver version and metal wedge handle
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

UPON REQUEST

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

PED DIRECTIVE

- The product 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

- RoHS Compliant (EU)
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)

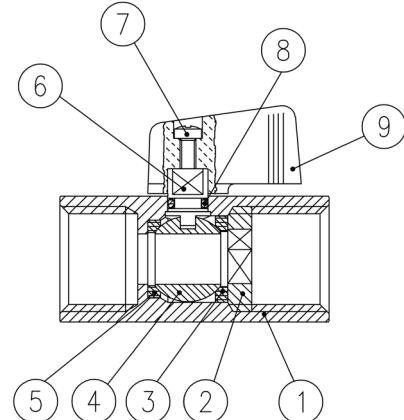
NOTE: approvals apply to specific configurations/sizes only.

OPTIONS

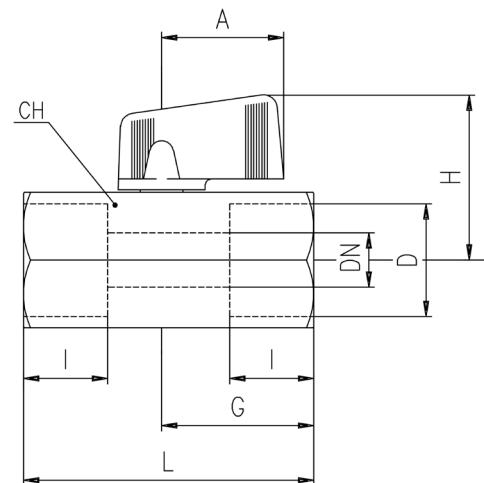
- Male by female threads
- Screw driver or wrench operated
- Nylon wedge handle yellow, red or green
- Metal wedge handle available in colours red, black, yellow, green, light blue, chrome plated
- Grey wedge handle in Grivory® -high performing polymer
- Additional connection options on demand



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%

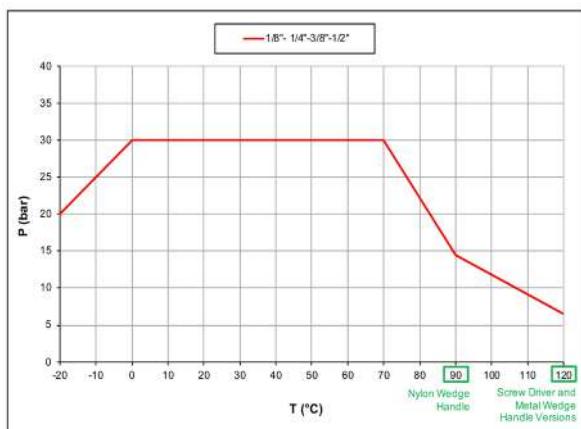


Code	S35AF0	S35BF0	S35CF0	S35DF0
D (inch)	1/8"	1/4"	3/8"	1/2"
DN (mm)	6	8	8	10
I (mm)	10	11	11	13
L (mm)	41.5	41.5	41.5	49
G (mm)	22	22	22	26
A (mm)	22.5	22.5	22.5	22.5
H (mm)	31	31	31	33
CH (mm)	21	21	21	25
Kv (m³/h)	1.7	4.2	3.6	5

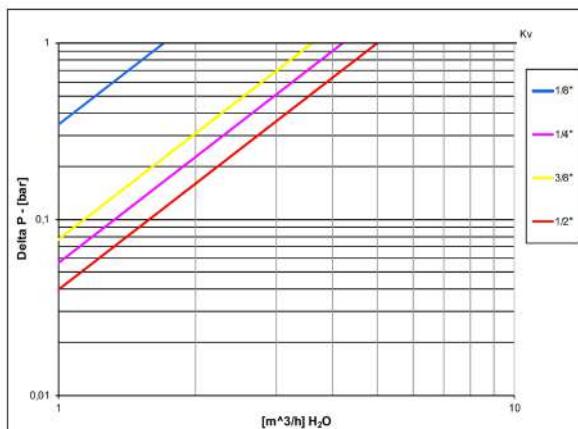


DN shows the nominal flow diameter.

PRESSURE-TEMPERATURE CHART



PRESSURE DROP CHART





s.35 M/F 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
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life
- Each valve is seal tested for maximum safety
- Handle/ stem clearly shows ball position

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

- ISO 228 parallel male by female threads

HANDLE

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

OPTIONS

- 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

WORKING PRESSURE & TEMPERATURE

- 30 bar (450 PSI) non-shock cold working pressure
- -20°C to +90°C (-4°F to +200°F)
- +120°C (+250°F) screw driver version and metal wedge handle
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

UPON REQUEST

- Aluminum body
- ISO 7/1 BSPT taper threads
- Dezinification resistant brass CW602N

PED DIRECTIVE

- The product 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

- RoHS Compliant (EU)
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)

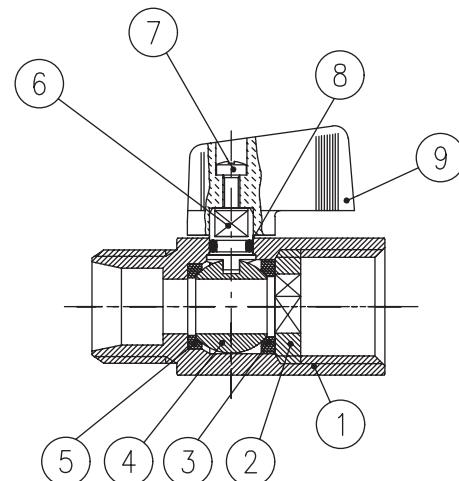
NOTE: approvals apply to specific configurations/sizes only.



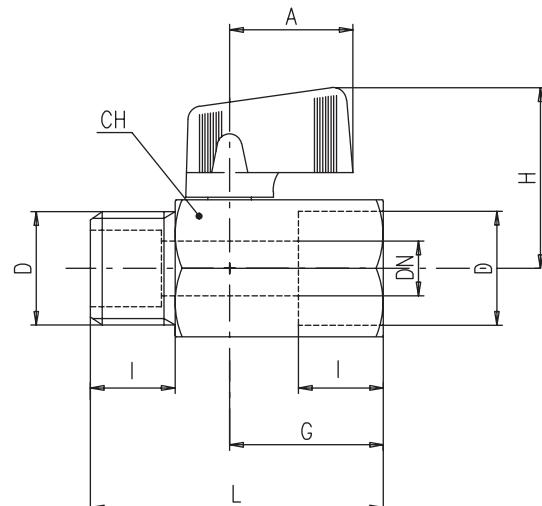
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Part description		Q.ty	Material
1	Chrome plated body	1	CW617N
2	Retainer nut	1	CW617N
3	Retainer seat	1	PTFE
4	Chrome plated ball	1	CW617N
5	Body seat	1	PTFE
6	Unplated stem	1	CW617N
7	Zinc plated screw	1	C10C (EN10263-2)
8	O-Ring	1	FPM
9	Black handle	1	Nylon glass filled 30%

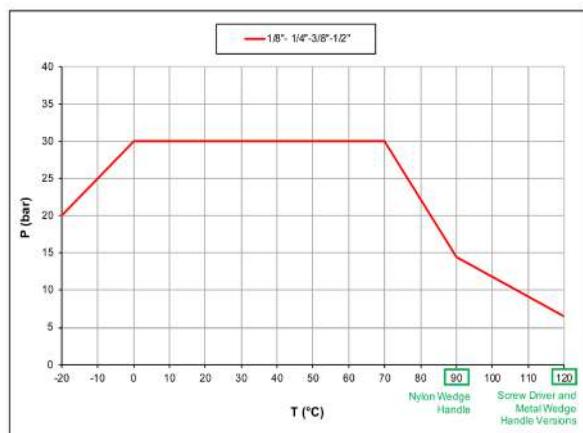


Code	S35AM0	S35BM0	S35CM0	S35DM0
D (inch)	1/8"	1/4"	3/8"	1/2"
DN (mm)	5	8	8	10
I (mm)	10	11	11	13
L (mm)	41.5	41.5	41.5	49
G (mm)	22	22	22	26
A (mm)	22.5	22.5	22.5	22.5
H (mm)	31	31	31	33
CH (mm)	21	21	21	25
Kv (m³/h)	1.7	4.2	3.6	5

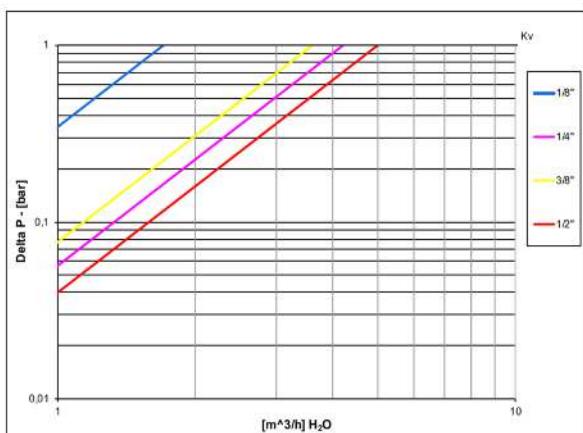


DN shows the nominal flow diameter.

PRESSURE-TEMPERATURE CHART



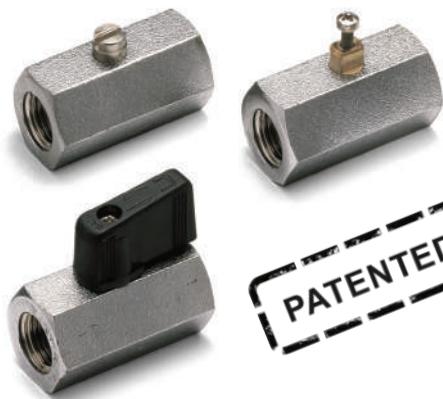
PRESSURE DROP CHART





s.35 NPT high pressure

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



PATENTED



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
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life
- Each valve is seal tested for maximum safety
- Handle/ stem clearly shows ball position

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 threads

HANDLE

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

WORKING PRESSURE & TEMPERATURE

- 450 PSI (30 bar) non-shock cold working pressure
- -4°F to +200°F (-20°C to +90°C)
- +250°F (+120°C) screw driver version and metal wedge handle
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

UPON REQUEST

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

PED DIRECTIVE

- The product 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

- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)
- RoHS Compliant (EU)

NOTE: approvals apply to specific configurations/sizes only.

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
- Additional connection options on demand

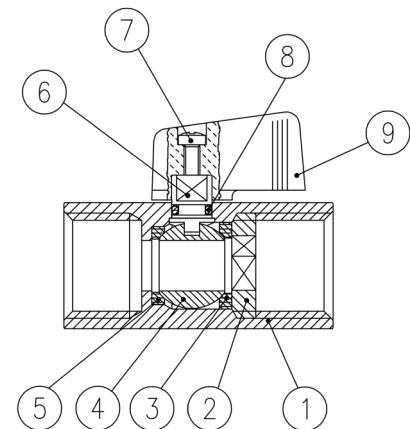


s.35 NPT XCES35N - 5813

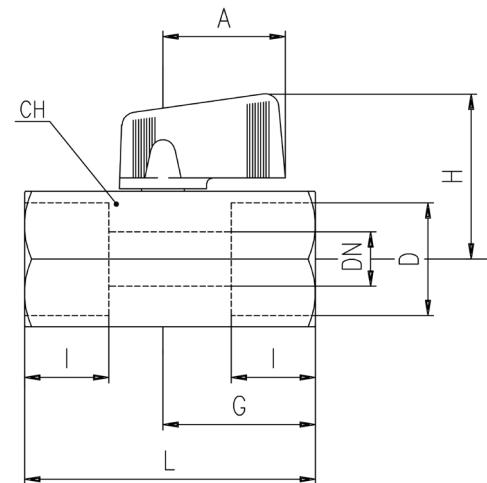
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Part description		Q.ty	Material
1	Chrome plated body	1	CW617N
2	Retainer nut	1	CW617N
3	Retainer seat	1	PTFE
4	Chrome plated ball	1	CW617N
5	Body seat	1	PTFE
6	Unplated stem	1	CW617N
7	Zinc plated screw	1	CB4FF (EN10263-2)
8	O-Ring	1	FPM
9	Black handle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

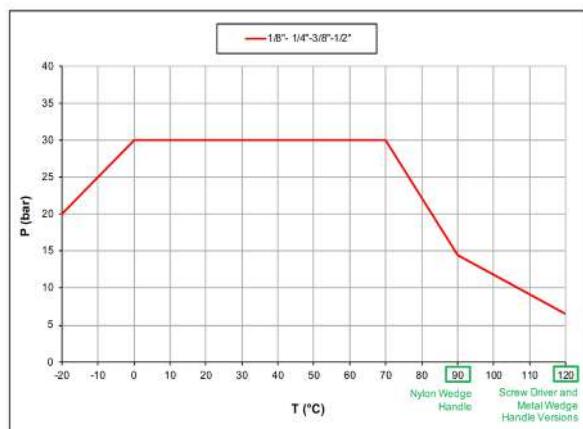


Code	S35AX0	S35BX0	S35CX0	S35DX0
D (inch)	1/8"	1/4"	3/8"	1/2"
DN (inch)	0.236	0.314	0.314	0.393
I (inch)	0.354	0.472	0.472	0.610
L (inch)	1.712	1.712	1.712	2.106
G (inch)	0.905	0.905	0.905	1.102
A (inch)	0.885	0.885	0.885	0.885
H (inch)	1.220	1.220	1.220	1.299
CH (inch)	0.826	0.826	0.826	0.984
Cv (GPM)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

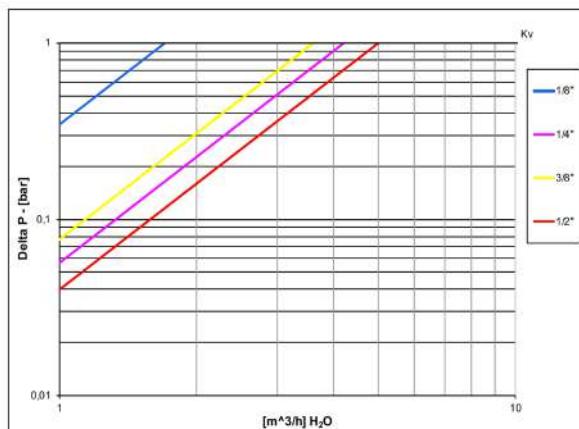


DN shows the nominal flow diameter.

PRESSURE-TEMPERATURE CHART



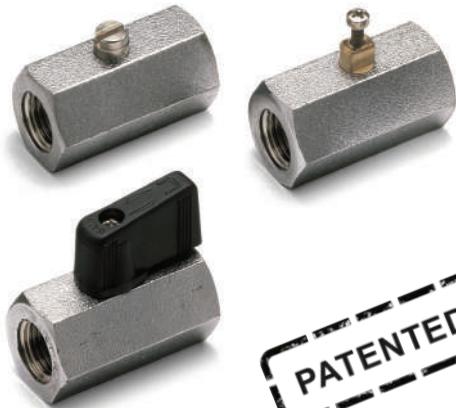
PRESSURE DROP CHART





s.35 BSPT high pressure

Female/Female
1/8" - 1/2"
ISO 7/1, BS21 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
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life
- Each valve is seal tested for maximum safety
- Handle/ stem clearly shows ball position

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

- ISO 7/1 BSPT taper threads

HANDLE

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

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
- Additional connection options on demand

WORKING PRESSURE & TEMPERATURE

- 30 bar (450 PSI) non-shock cold working pressure
- -20°C to +90°C (-4°F to +200°F)
- +120°C (+250°F) screw driver version and metal wedge handle
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

UPON REQUEST

- Aluminum body
- Dezinification resistant brass CW602N

PED DIRECTIVE

- The product 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

- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)
- RoHS Compliant (EU)

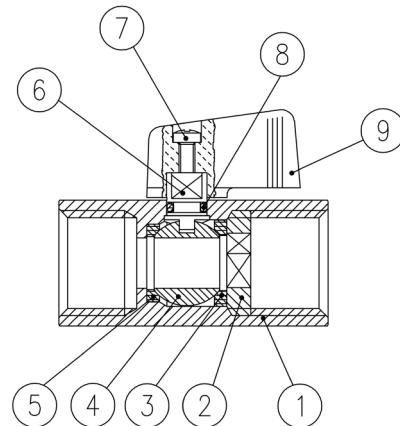
NOTE: approvals apply to specific configurations/sizes only.



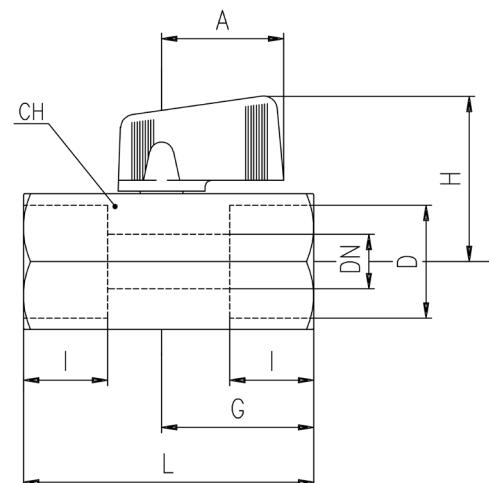
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Part description		Q.ty	Material
1	Chrome plated body	1	CW617N
2	Retainer nut	1	CW617N
3	Retainer seat	1	PTFE
4	Chrome plated ball	1	CW617N
5	Body seat	1	PTFE
6	Unplated stem	1	CW617N
7	Zinc plated screw	1	C10C (EN10263-2)
8	O-Ring	1	FPM
9	Black handle	1	Nylon glass filled 30%

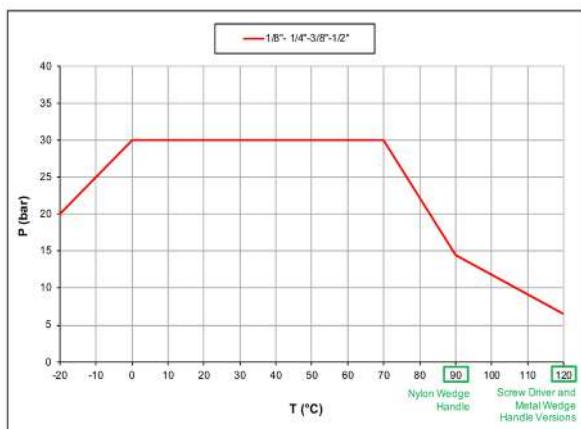


Code	S35AW0	S35BW0	S35CW0	S35DW0
D (inch)	1/8"	1/4"	3/8"	1/2"
DN (mm)	6	8	8	10
I (mm)	11	12	12	15.5
L (mm)	43.5	43.5	43.5	53.5
G (mm)	23	23	23	28
A (mm)	22.5	22.5	22.5	22.5
H (mm)	31	31	31	33
CH (mm)	21	21	21	25
Kv (m³/h)	1.7	4.2	3.6	5

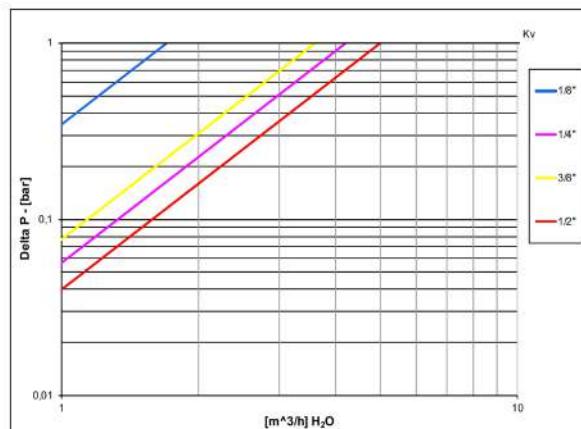


DN shows the nominal flow diameter.

PRESSURE-TEMPERATURE CHART



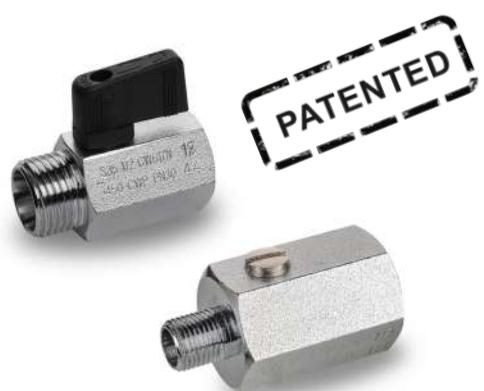
PRESSURE DROP CHART





s.35 BSPT M/F high pressure

1/8" - 1/2"
mini ball valve
ISO 7/1, BS21



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
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life
- Each valve is seal tested for maximum safety
- Handle/ stem clearly shows ball position

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

SEALING

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

THREADS

- ISO7/1, BS 21 taper male by female threads

HANDLE

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

OPTIONS

- 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

WORKING PRESSURE & TEMPERATURE

- 30 bar (450 PSI) non-shock cold working pressure
- -20°C to +90°C (-4°F to +200°F)
- +120°C (+250°F) screw driver version and metal wedge handle
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

UPON REQUEST

- Aluminum body
- Dezinification resistant brass CW602N

PED DIRECTIVE

- The product 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

- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)
- RoHS Compliant (EU)

NOTE: approvals apply to specific configurations/sizes only.

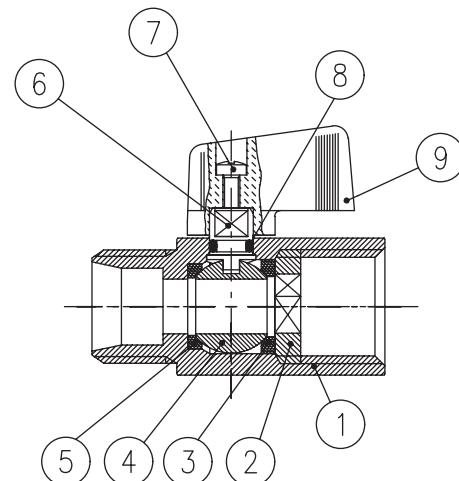


s.35 MF BSPT XCES35MB - 5813

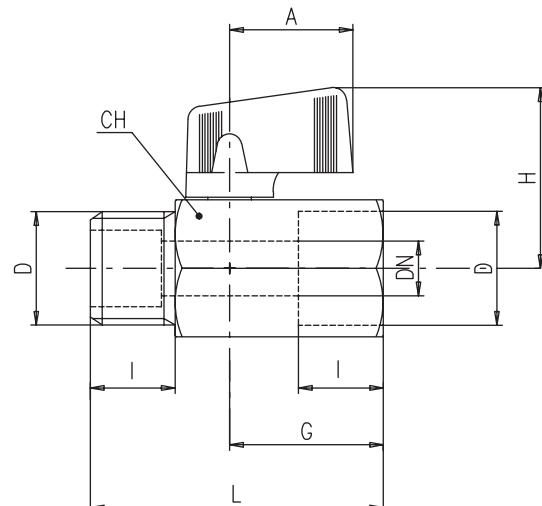
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Part description		Q.ty	Material
1	Chrome plated body	1	CW617N
2	Retainer nut	1	CW617N
3	Retainer seat	1	PTFE
4	Chrome plated ball	1	CW617N
5	Body seat	1	PTFE
6	Unplated stem	1	CW617N
7	Zinc plated screw	1	C10C (EN10263-2)
8	O-Ring	1	FPM
9	Black handle	1	Nylon glass filled 30%

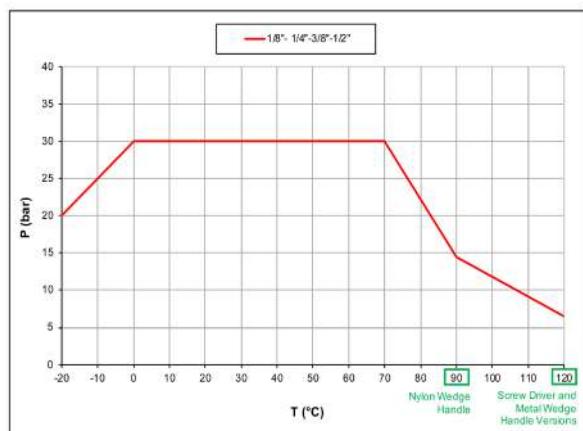


Code	S35AJ0	S35BJ0	S35CJ0	S35DJ0
D (inch)	1/8"	1/4"	3/8"	1/2"
DN (mm)	5	8	8	10
I (mm)	11	12	12	15.5
L (mm)	43.5	43.5	43.5	53.5
G (mm)	23	23	23	28
A (mm)	22.5	22.5	22.5	22.5
H (mm)	31	31	31	33
CH (mm)	21	21	21	25
Kv (m³/h)	1.7	4.2	3.6	5

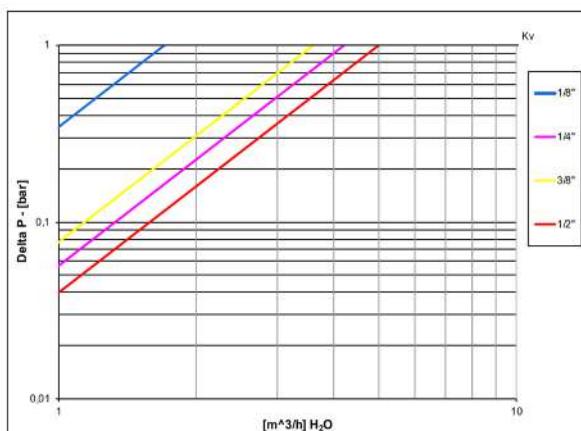


DN shows the nominal flow diameter.

PRESSURE-TEMPERATURE CHART



PRESSURE DROP CHART





S.39 forged, micro

Female/Female

1/8" - 1/4"

ISO 228, high pressure 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
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life
- Each valve is seal tested for maximum safety
- Handle stops on body to avoid stresses at stem
- Handle / stem clearly shows ball position

BODY

- Hot forged sand blasted brass body
- Finest brass according to EN 12165 specification

STEM

- Blowout-proof brass stem with FPM O-ring

SEALING

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

THREADS

- ISO 228 parallel female by female threads

HANDLE

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

OPTIONS

- Male by female threads
- Nylon wedge handle yellow, red or blue

WORKING PRESSURE & TEMPERATURE

- 60 bar (900 PSI) non-shock cold working pressure
- -20°C to +90°C (-4°F to +200°F)
- +120°C (+250°F) metal wedge handle (mini configuration only)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

UPON REQUEST

- ISO 7/1 BSPT taper threads
- Other brass alloys or aluminum
- Additional connection options

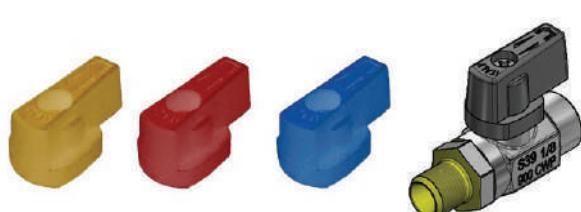
PED DIRECTIVE

- The product 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

- RoHS Compliant (EU)
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)

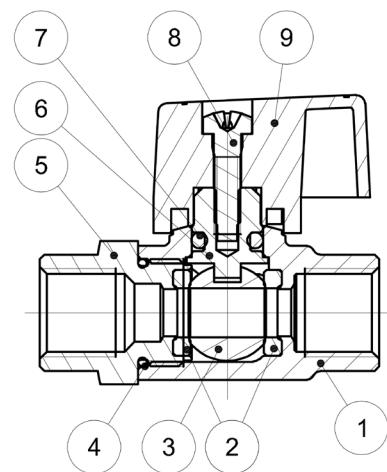
NOTE: approvals apply to specific configurations/sizes only.



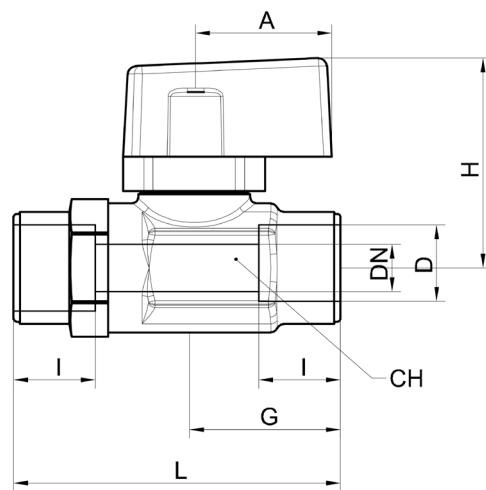
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Part description		Q.ty	Material
1	Nickel plated body (external nickel plated, unplated inside)	1	CW617N
2	Ball seat	2	PTFE
3	Chrome plated ball	1	CW617N
4	O-Ring	1	HNBR
5	Nickel plated end cap (external nickel plated, unplated inside)	1	CW617N
6	Unplated stem	1	CW617N
7	O-Ring	1	FPM
8	Zinc plated screw	1	C10C (EN10263-2)
9	Black handle	1	Nylon glass filled 30%

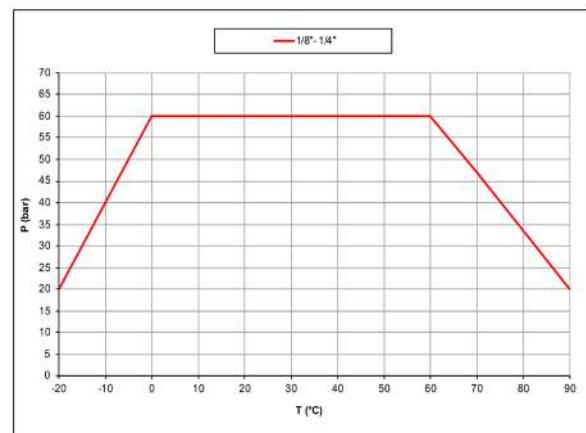


Code	S39AF0M	S39BF0M
D (inch)	1/8"	1/4"
DN (mm)	5.3	5.3
I (mm)	9.5	11
L (mm)	38	43
G (mm)	17	20
A (mm)	16	16
H (mm)	24.4	24.7
CH (mm)	15	15
Kv (m³/h)	1.2	1.2

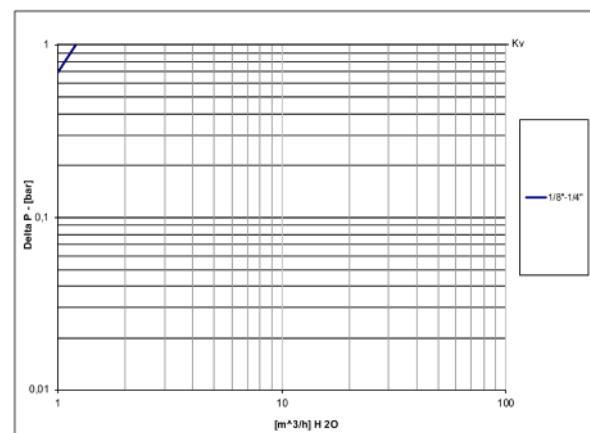


DN shows the nominal flow diameter.

PRESSURE-TEMPERATURE CHART



PRESSURE DROP CHART





s.39 NPT forged, micro

Female/Female
1/8" - 1/4"
high pressure 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
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life
- Each valve is seal tested for maximum safety
- Handle stops on body to avoid stresses at stem
- Handle / stem clearly shows ball position

BODY

- Hot forged sand blasted brass body
- Finest brass according to EN 12165 specification

STEM

- Blowout-proof brass stem with FPM O-ring

SEALING

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

THREADS

- NPT taper ANSI B.1.20.1 threads | ISO 228 parallel female by female threads

HANDLE

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

OPTIONS

- Male by female threads
- Nylon wedge handle yellow, red or blue

WORKING PRESSURE & TEMPERATURE

- 900 PSI (60 bar) non-shock cold working pressure
- -4°F to +200°F (-20°C to +90°C)
- +250°F (+120°C) metal wedge handle (mini configuration only)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

UPON REQUEST

- ISO 7/1 BSPT taper threads
- Other brass alloys or aluminum
- Additional connection options

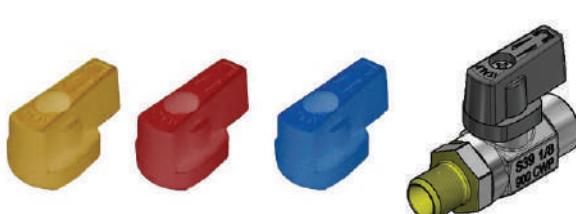
PED DIRECTIVE

- The product 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

- RoHS Compliant (EU)
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)

NOTE: approvals apply to specific configurations/sizes only.

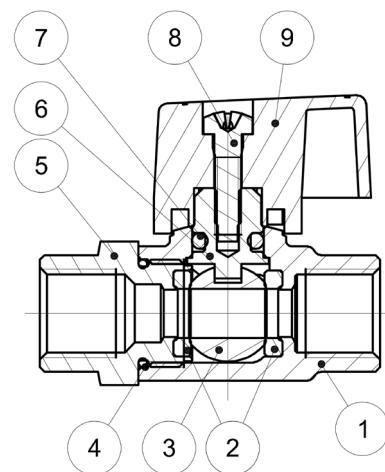


s.39 NPT XCES39N - 5934

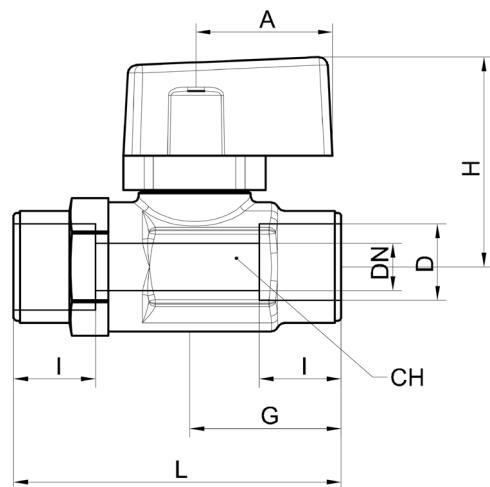
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Part description		Q.ty	Material
1	Nickel plated body (external nickel plated, unplated inside)	1	CW617N
2	Ball seat	2	PTFE
3	Chrome plated ball	1	CW617N
4	O-Ring	1	HNBR
5	Nickel plated end cap (external nickel plated, unplated inside)	1	CW617N
6	Unplated stem	1	CW617N
7	O-Ring	1	FPM
8	Zinc plated screw	1	C10C (EN10263-2)
9	Black handle	1	Nylon glass filled 30%

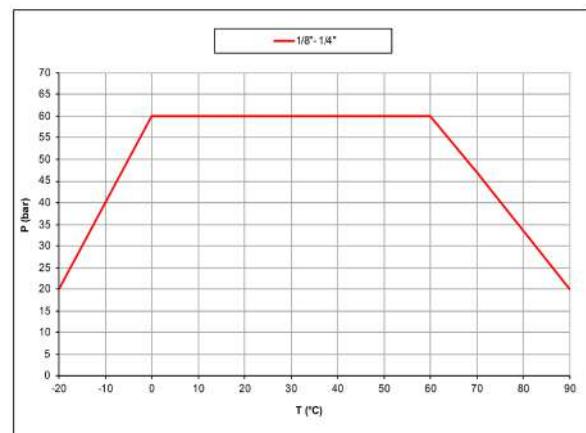


Code	S39AX0M	S39BX0M
D (inch)	1/8"	1/4"
DN (inch)	0.209	0.209
I (inch)	0.374	0.472
L (inch)	1.496	1.732
G (inch)	0.669	0.787
A (inch)	0.630	0.630
H (inch)	0.965	0.965
CH (inch)	0.591	0.591
Cv (GPM)	1.4	1.4

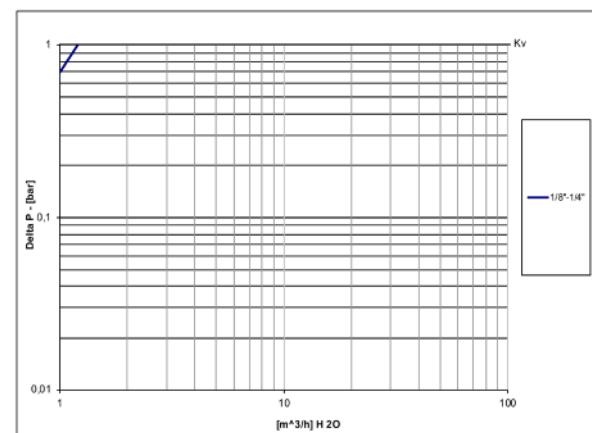


DN shows the nominal flow diameter.

PRESSURE-TEMPERATURE CHART



PRESSURE DROP CHART





S.39 BSPT forged, micro

Female/Female

1/8" - 1/4"

ISO 7/1, BS21, high pressure 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
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life
- Each valve is seal tested for maximum safety
- Handle stops on body to avoid stresses at stem
- Handle / stem clearly shows ball position

BODY

- Hot forged sand blasted brass body
- Finest brass according to EN 12165 specification

STEM

- Blowout-proof brass stem with FPM O-ring

SEALING

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

THREADS

- ISO 7/1 BSPT taper threads

HANDLE

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

OPTIONS

- Male by female threads
- Nylon wedge handle yellow, red or blue

WORKING PRESSURE & TEMPERATURE

- 60 bar (900 PSI) non-shock cold working pressure
- -20°C to +90°C (-4°F to +200°F)
- +120°C (+250°F) metal wedge handle (mini configuration only)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

UPON REQUEST

- Other brass alloys or aluminum
- Additional connection options

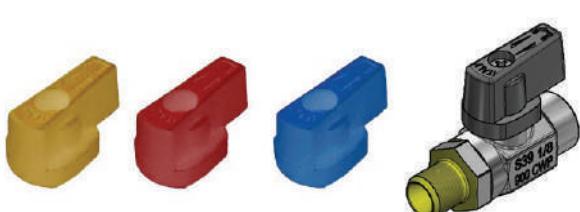
PED DIRECTIVE

- The product 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

- RoHS Compliant (EU)
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)

NOTE: approvals apply to specific configurations/sizes only.

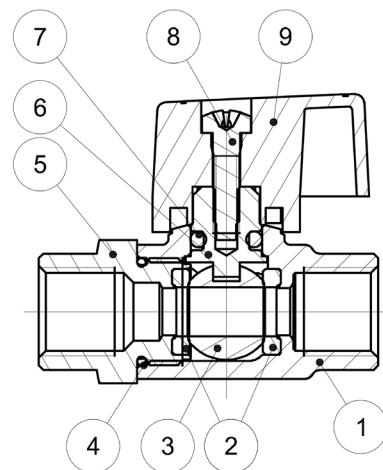


s.39 BSPT XCES39B - 5934

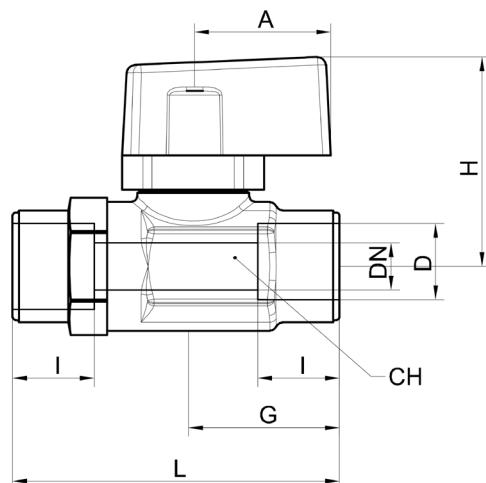
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Part description		Q.ty	Material
1	Nickel plated body (external nickel plated, unplated inside)	1	CW617N
2	Ball seat	2	PTFE
3	Chrome plated ball	1	CW617N
4	O-Ring	1	HNBR
5	Nickel plated end cap (external nickel plated, unplated inside)	1	CW617N
6	Unplated stem	1	CW617N
7	O-Ring	1	FPM
8	Zinc plated screw	1	C10C (EN10263-2)
9	Black handle	1	Nylon glass filled 30%

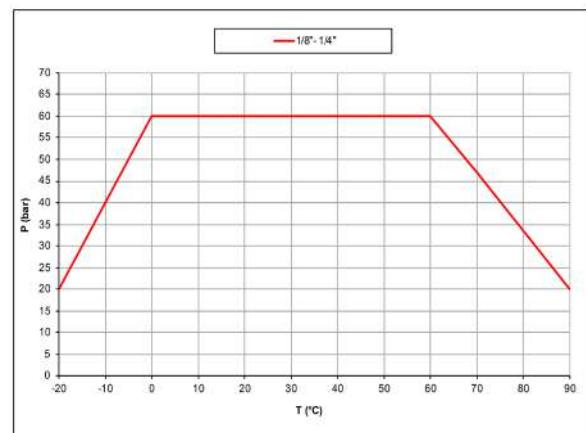


Code	S39AW0M	S39BW0M
D (inch)	1/8"	1/4"
DN (mm)	5.3	5.3
I (mm)	9.5	12
L (mm)	38	44
G (mm)	17	20
A (mm)	16	16
H (mm)	24.4	24.4
CH (mm)	15	15
Kv (m³/h)	1.2	1.2

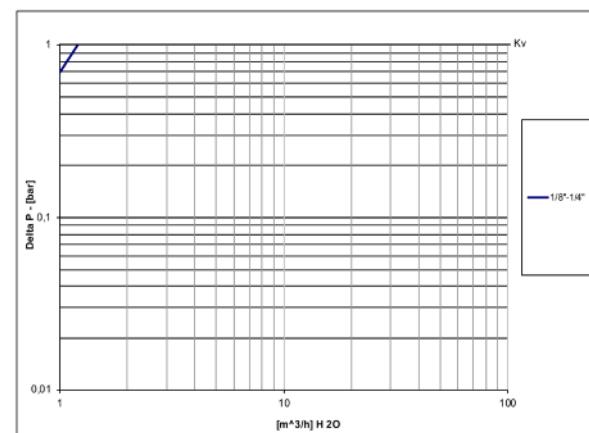


DN shows the nominal flow diameter.

PRESSURE-TEMPERATURE CHART



PRESSURE DROP CHART





s.39 BSPT forged, mini

Female/Female
1/4" - 3/4"
hot forged brass 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
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life
- Each valve is seal tested for maximum safety
- Handle / stem clearly shows ball position

BODY

- Hot forged sand blasted brass body with extremely compact design
- Finest brass according to EN 12165 specification

STEM

- Blowout-proof brass stem with FPM O-ring

SEALING

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

THREADS

- ISO7/1, BS 21 taper male by female threads

HANDLE

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

OPTIONS

- Female by female threads
- 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
- ISO228 parallel threads
- NPT taper ANSI B.1.20.1 threads

WORKING PRESSURE & TEMPERATURE

- 30 bar (450 PSI) non-shock cold working pressure
- -20°C to +90°C (-4°F to +200°F)
- +120°C (+250°F) screw driver version and metal wedge handle
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

UPON REQUEST

- Dezinification resistant brass
- Additional connection options
- Screw driver or wrench operated

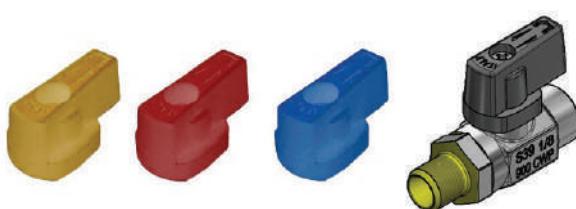
PED DIRECTIVE

- The product 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

- RoHS Compliant (EU)
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)

NOTE: approvals apply to specific configurations/sizes only.



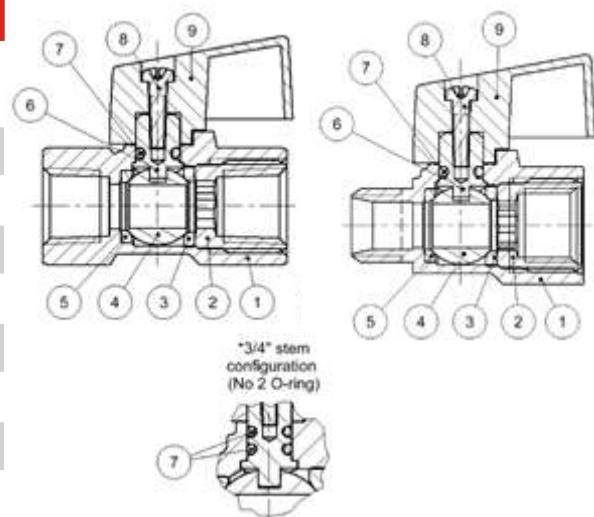
s.39 BSPT high pressure XCES39BM - 5813

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Part description Q.ty Material

1	Nickel plated body (external nickel plated, unplated inside)	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	O-Ring	1*	FPM
8	Zinc plated screw	1	C10C (EN10263-2)
9	Black handle	1	Nylon glass filled 30%



Female x Female configuration

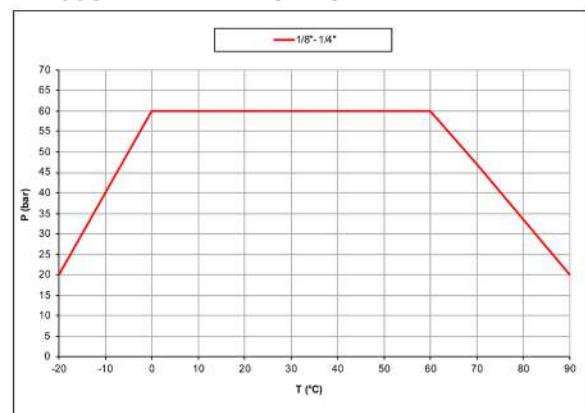
Code	S39BW0	S39CW0	S39DW0	S39EW0
D (inch)	1/4"	3/8"	1/2"	3/4"
DN (mm)	8	8	10	12,7
I (mm)	12	12	15,5	17
L (mm)	43,5	43,5	53,5	61,5
G (mm)	23	23	28	32,5
A (mm)	24	24	24	24
H (mm)	30,5	30,5	32	39
CH (mm)	21	21	25	31
Kv (m³/h)	4,2	3,6	5	25,4

Male x Female configuration

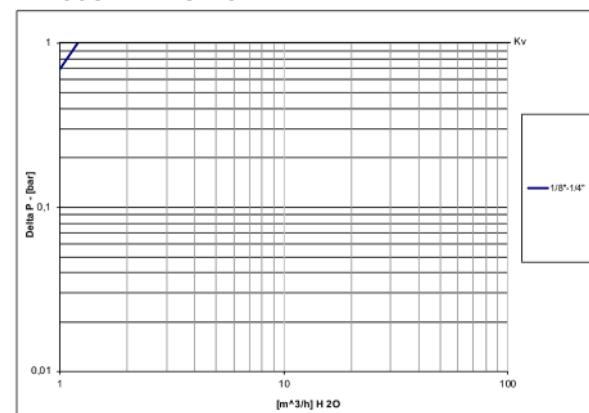
Code	S39BJ0	S39CJ0	S39DJ0	S39EJ0
D (inch)	1/4"	3/8"	1/2"	3/4"
DN (mm)	8	8	10	12,7
I (mm)	12	12	15,5	17
L (mm)	43,5	43,5	53,5	61,5
G (mm)	23	23	28	32,5
A (mm)	24	24	24	24
H (mm)	30,5	30,5	32	39
CH (mm)	21	21	25	31
Kv (m³/h)	4,2	3,6	5	25,4

DN shows the nominal flow diameter.

PRESSURE-TEMPERATURE CHART



PRESSURE DROP CHART





S.93 downstream exhaust

Female/Female

1/4" - 2"

EN 10226-1, with patented locking handle

Featuring patented tamper-proof lockable handle that has no equal in the market.

RuB s.93 range exhausts automatically and continuously downstream air pressure as soon as turned in the closed position.

Valve is lockable in the closed position only, according to Part. 1910.147 safety OSHA (USA) requirements allowing safe maintenance of the air-supplied equipment; when valve is open, one simple 90° turn of the handle shuts flow immediately.

We care for those you care for.



QUALITY

- No metal-to-metal moving parts
- No maintenance ever required
- Handle clearly shows ball position
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life
- Handle stops on body to avoid stresses at stem

BODY

- Hot forged sand blasted, external nickel plated brass body and cap sealed with Loctite® or equivalent threads sealant
- The valve body includes a tapped downstream depressurization venting outlet to direct exhaust air or assemble mufflers for noise control
- Finest brass according to EN 12165 and EN 12164 specifications

STEM

- Blowout-proof nickel plated brass stem
- Maintenance-free, double FPM O-rings at the stem for maximum safety

SEALING

- Molybdenum filled PTFE self-lubricating seats with flexible-lip design

THREADS

- EN 10226-1, ISO 228 parallel female by female threads

FLOW

- Full port to DIN 3357 for maximum flow

HANDLE

- Geomet® carbon steel lockable handle patent n. 7074-B/90 with thick PVC dip coating. Handle coating offers both thermal and electrical protection
- Handle removable with valve in service

WORKING PRESSURE & TEMPERATURE

- 14 bar (200 PSI) non-shock cold working pressure
- -10°C to +100°C (+15°F to +210°F)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

UPON REQUEST

- Stainless steel ball (1.4401 / AISI 316)
- Custom design
- T-handle

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; it cannot be used with dangerous gases in sizes larger than 25 mm

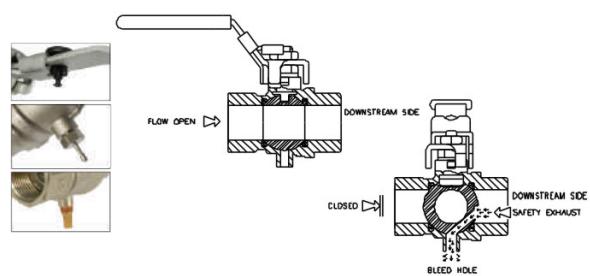
APPROVED BY OR IN COMPLIANCE WITH

- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)
- RoHS Compliant (EU)
- OSHA Compliant (United States)

NOTE: approvals apply to specific configurations/sizes only.

OPTIONS

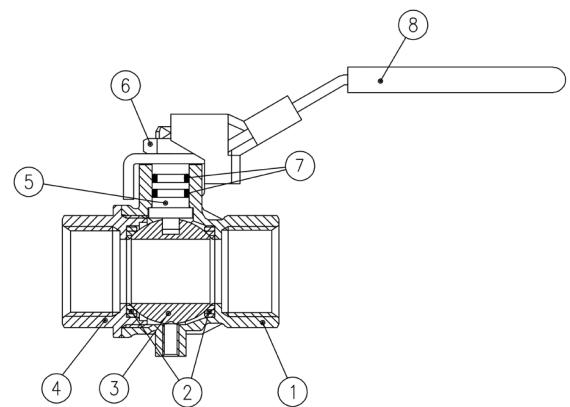
- Stainless steel handle (1.4016 / AISI 430)
- Non-locking Geomet® carbon steel lever handle
- Safety pin
- Muffler, hose



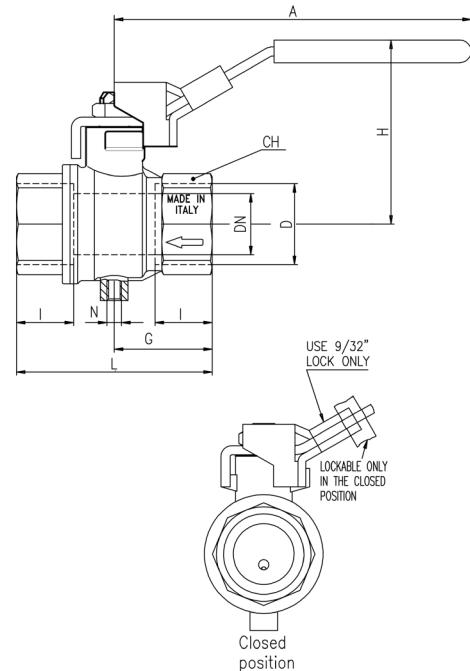
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Part description		Q.ty	Material
1	Nickel plated body (external treatment)	1	CW617N
2	Seat	2	PTFE molybdenum filled
3	Chrome plated ball	1	CW617N
4	Nickel plated end-cap (external treatment)	1	CW617N
5	Nickel plated stem O-Ring design	1	CW617N
6	Geomet® nut	1	C4C (EN10263-2)
7	O-Ring	2	FPM
8	Light blue PVC coated Geomet® steel lockable handle	1	DD11 (EN10111)

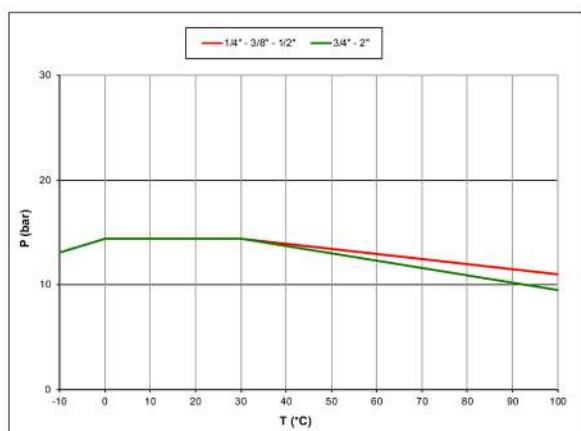


Code	S93B00	S93C00	S93D00	S93E00	S93F00	S93G00	S93H00	S93I00
D (inch)	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
DN (mm)	8	10	15	20	25	32	40	50
I (mm)	12	12	15.5	17	21	23	23	26.5
L (mm)	45	45	59	64	81	93	102	121
G (mm)	22.5	22.5	29.5	32	40.5	46.5	51	60.5
A (mm)	96	96	96	117	117	156.5	156.5	156.5
H (mm)	46	46	51	59	63	77	83	90
CH (mm)	17	20	25	31	40	49	54	68.5
N	M5				G 1/4"			
Kv (m³/h)	3.9	8.2	28	42	70	110	186	256

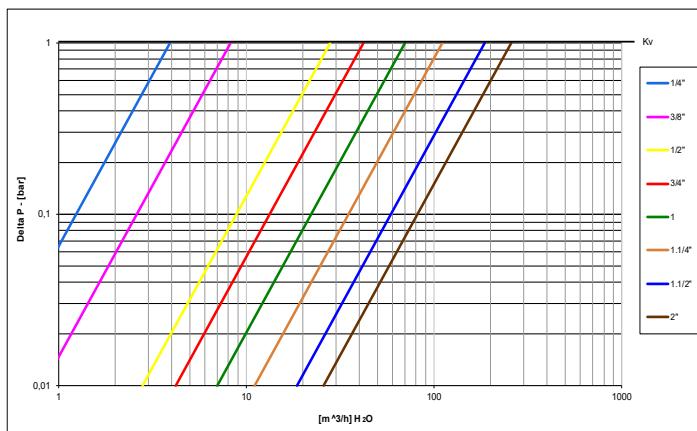


DN shows the nominal flow diameter. Actual flow diameter complies with full port DIN 3357 part 4.

PRESSURE-TEMPERATURE CHART



PRESSURE DROP CHART





s.93 NPT downstream exhaust

Female/Female 1/4" - 2" with patented locking handle

Featuring patented tamper-proof lockable handle that has no equal in the market.

RuB s.93 range exhausts automatically and continuously downstream air pressure as soon as turned in the closed position.

Valve is lockable in the closed position only, according to Part. 1910.147 safety OSHA (USA) requirements allowing safe maintenance of the air-supplied equipment; when valve is open, one simple 90° turn of the handle shuts flow immediately.

We care for those you care for.



QUALITY

- No metal-to-metal moving parts
- No maintenance ever required
- Handle clearly shows ball position
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life
- Handle stops on body to avoid stresses at stem

BODY

- Hot forged sand blasted, external unplated brass body and cap sealed with Loctite® or equivalent threads sealant
- The valve body includes a tapped downstream depressurization venting outlet to direct exhaust air or assemble mufflers for noise control
- Finest brass according to EN 12165 and EN 12164 specifications

STEM

- Blowout-proof nickel plated brass stem
- Maintenance-free, double FPM O-rings at the stem for maximum safety

SEALING

- Molybdenum filled PTFE self-lubricating seats with flexible-lip design

THREADS

- NPT taper ANSI B.1.20.1 threads

FLOW

- Full port to DIN 3357 for maximum flow

HANDLE

- Geomet® carbon steel lockable handle patent n. 7074-B/90 with thick PVC dip coating. Handle coating offers both thermal and electrical protection
- Handle removable with valve in service

WORKING PRESSURE & TEMPERATURE

- 200 PSI (14 bar) non-shock cold working pressure
- +15°F to +210°F (-10°C to +100°C)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

UPON REQUEST

- Stainless steel ball (1.4401 / AISI 316)
- Custom design
- T-handle

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; it cannot be used with dangerous gases in sizes larger than 25 mm

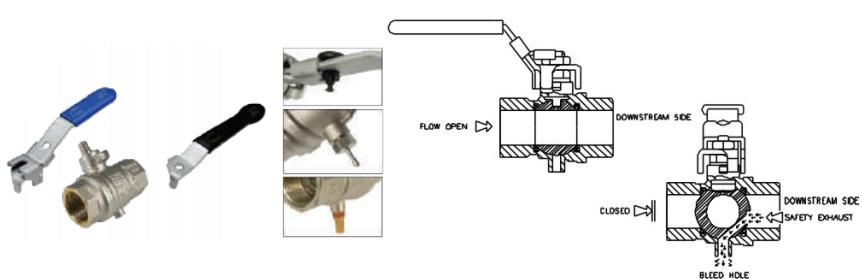
APPROVED BY OR IN COMPLIANCE WITH

- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)
- RoHS Compliant (EU)
- OSHA Compliant (United States)

NOTE: approvals apply to specific configurations/sizes only.

OPTIONS

- Stainless steel handle (1.4016 / AISI 430)
- Non-locking Geomet® carbon steel lever handle
- Safety pin
- Muffler, hose

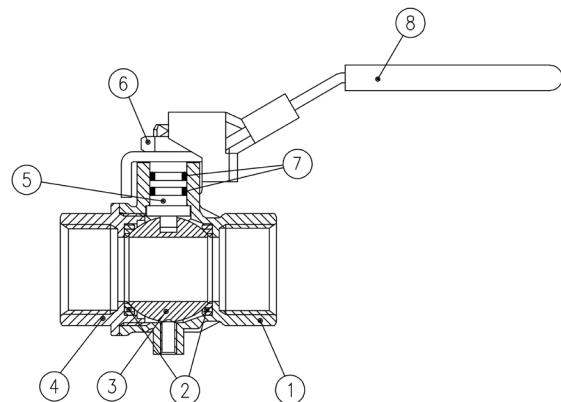


s.93 NPT XCES93N - 6006

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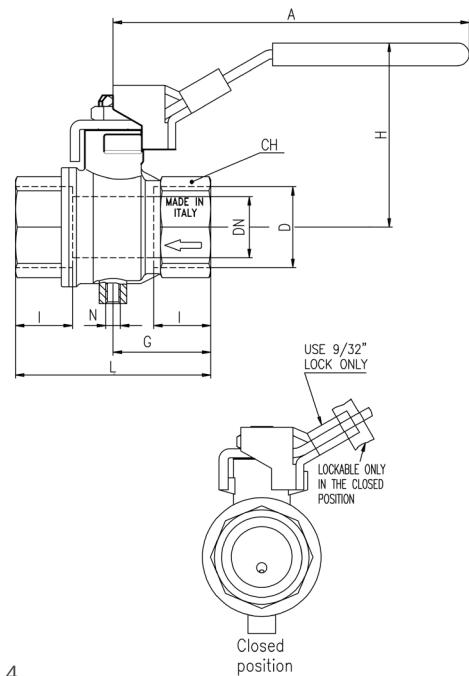


Part description		Q.ty	Material
1	Unplated body	1	CW617N
2	Seat	2	PTFE molybdenum filled
3	Chrome plated ball	1	CW617N
4	Unplated end-cap	1	CW617N
5	Nickel plated stem O-Ring design	1	CW617N
6	Geomet® nut	1	C4C (EN10263-2)
7	O-Ring	2	FPM
8	Light blue PVC coated Geomet® steel lockable handle	1	DD11 (EN10111)

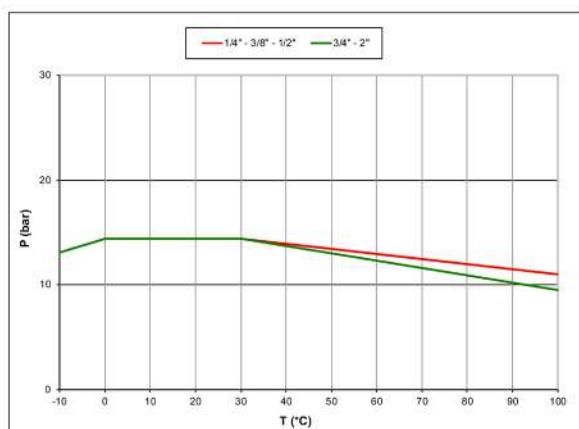


Code	S93B41	S93C41	S93D41	S93E41	S93F41	S93G41	S93H41	S93I41
D (inch)	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
DN (inch)	0.315	0.374	0.591	0.787	0.945	1.181	1.496	1.890
I (inch)	0.472	0.472	0.610	0.669	0.827	0.906	0.906	1.043
L (inch)	1.772	1.772	2.323	2.520	3.189	3.661	4.016	4.764
G (inch)	0.886	0.886	1.161	1.259	1.594	1.831	2.008	2.382
A (inch)	3.779	3.779	3.759	4.606	4.606	6.161	6.161	6.161
H (inch)	1.823	1.823	1.998	2.333	2.490	3.018	3.254	3.530
CH (inch)	0.669	0.787	0.984	1.220	1.575	1.929	2.126	2.697
N	10-32 UNF				1/4" NPT			
CV (GPM)	4.5	9.5	32.3	48.5	80.9	127.1	214.9	295.8

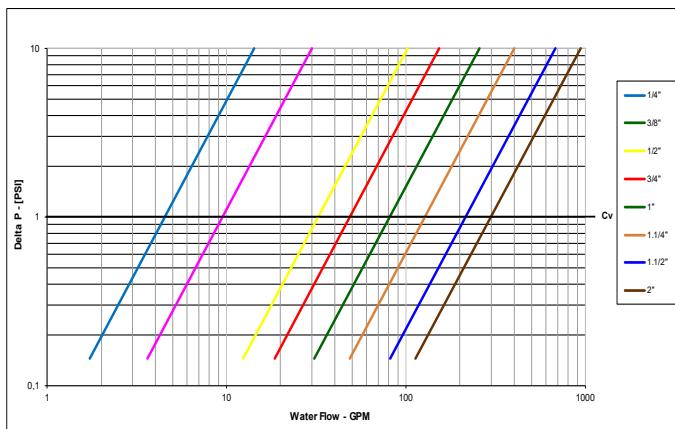
DN shows the nominal flow diameter. Actual flow diameter complies with full port DIN 3357 part 4.



PRESSURE-TEMPERATURE CHART



PRESSURE DROP CHART





s.93 BSPT downstream exhaust

Female/Female

1/2" - 2"

ISO 7/1, BS21, with patented locking handle

Featuring patented tamper-proof lockable handle that has no equal in the market.

RuB s.93 range exhausts automatically and continuously downstream air pressure as soon as turned in the closed position.

Valve is lockable in the closed position only, according to Part. 1910.147 safety OSHA (USA) requirements allowing safe maintenance of the air-supplied equipment; when valve is open, one simple 90° turn of the handle shuts flow immediately.

We care for those you care for.



QUALITY

- No metal-to-metal moving parts
- No maintenance ever required
- Handle clearly shows ball position
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life
- Handle stops on body to avoid stresses at stem

BODY

- Hot forged sand blasted, external nickel plated brass body and cap sealed with Loctite® or equivalent threads sealant
- The valve body includes a tapped downstream depressurization venting outlet to direct exhaust air or assemble mufflers for noise control
- Finest brass according to EN 12165 and EN 12164 specifications

STEM

- Blowout-proof nickel plated brass stem
- Maintenance-free, double FPM O-rings at the stem for maximum safety

SEALING

- Molybdenum filled PTFE self-lubricating seats with flexible-lip design

THREADS

- ISO 7/1 BSPT taper threads

FLOW

- Full port to DIN 3357 for maximum flow

HANDLE

- Geomet® carbon steel lockable handle patent n. 7074-B/90 with thick PVC dip coating. Handle coating offers both thermal and electrical protection
- Handle removable with valve in service

WORKING PRESSURE & TEMPERATURE

- 14 bar (200 PSI) non-shock cold working pressure
- -10°C to +100°C (+15°F to +210°F)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

UPON REQUEST

- Stainless steel ball (1.4401 / AISI 316)
- Custom design
- T-handle

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; it cannot be used with dangerous gases in sizes larger than 25 mm

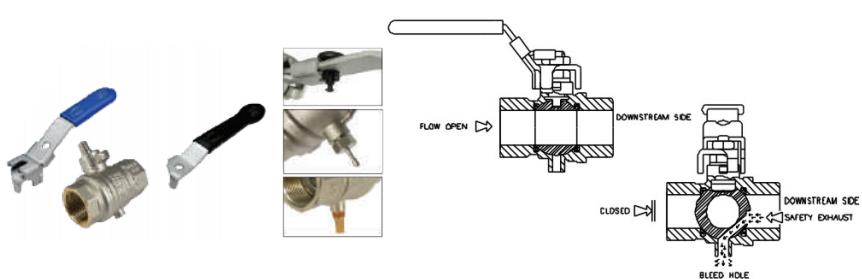
APPROVED BY OR IN COMPLIANCE WITH

- RoHS Compliant (EU)
- OSHA Compliant (United States)
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)

NOTE: approvals apply to specific configurations/sizes only.

OPTIONS

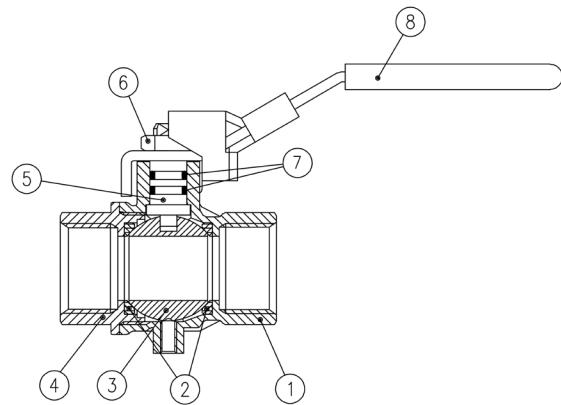
- Stainless steel handle (1.4016 / AISI 430)
- Non-locking Geomet® carbon steel lever handle
- Safety pin
- Muffler, hose



Each user should perform his own tests to find out the suitability for his particular application. BONOMI INDUSTRIES makes no warranty, express or implied, as to the shape, fit or function of a product for any application. Contact us or consult with your supplier for additional information on the suitability of the BONOMI INDUSTRIES products with your specific field of use.

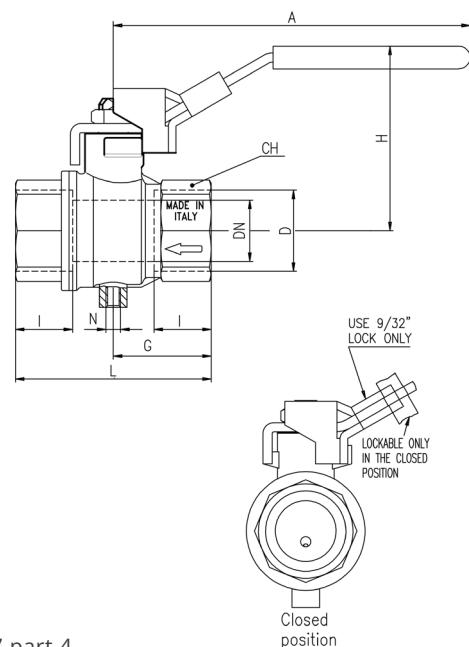


Part description		Q.ty	Material
1	Nickel plated body (external treatment)	1	CW617N
2	Seat	2	PTFE molybdenum filled
3	Chrome plated ball	1	CW617N
4	Nickel plated end-cap (external treatment)	1	CW617N
5	Nickel plated stem O-Ring design	1	CW617N
6	Geomet® nut	1	C4C (EN10263-2)
7	O-Ring	2	FPM
8	Light blue PVC coated Geomet® steel lockable handle	1	DD11 (EN10111)

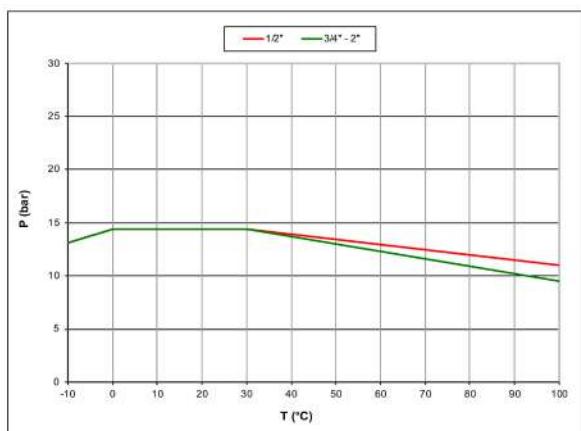


Code	S93D50	S93E50	S93F50	S93G50	S93H50	S93I50
D (inch)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
DN (mm)	15	20	25	32	40	50
I (mm)	15.5	17	21	23	23	26.5
L (mm)	59	64	81	93	102	121
G (mm)	29.5	32	40.5	46.5	51	60.5
A (mm)	96	117	117	156.5	156.5	156.5
H (mm)	51	59	63	77	83	90
CH (mm)	25	31	40	49	54	68.5
N	M5			G 1/4"		
Kv (m³/h)	28	42	70	110	186	256

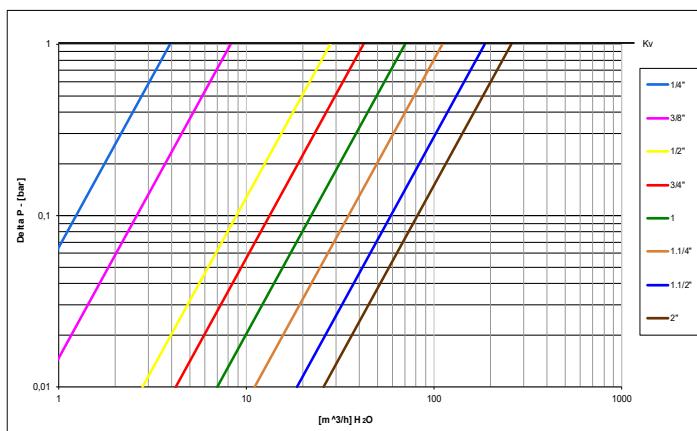
DN shows the nominal flow diameter. Actual flow diameter complies with full port DIN 3357 part 4.



PRESSURE-TEMPERATURE CHART



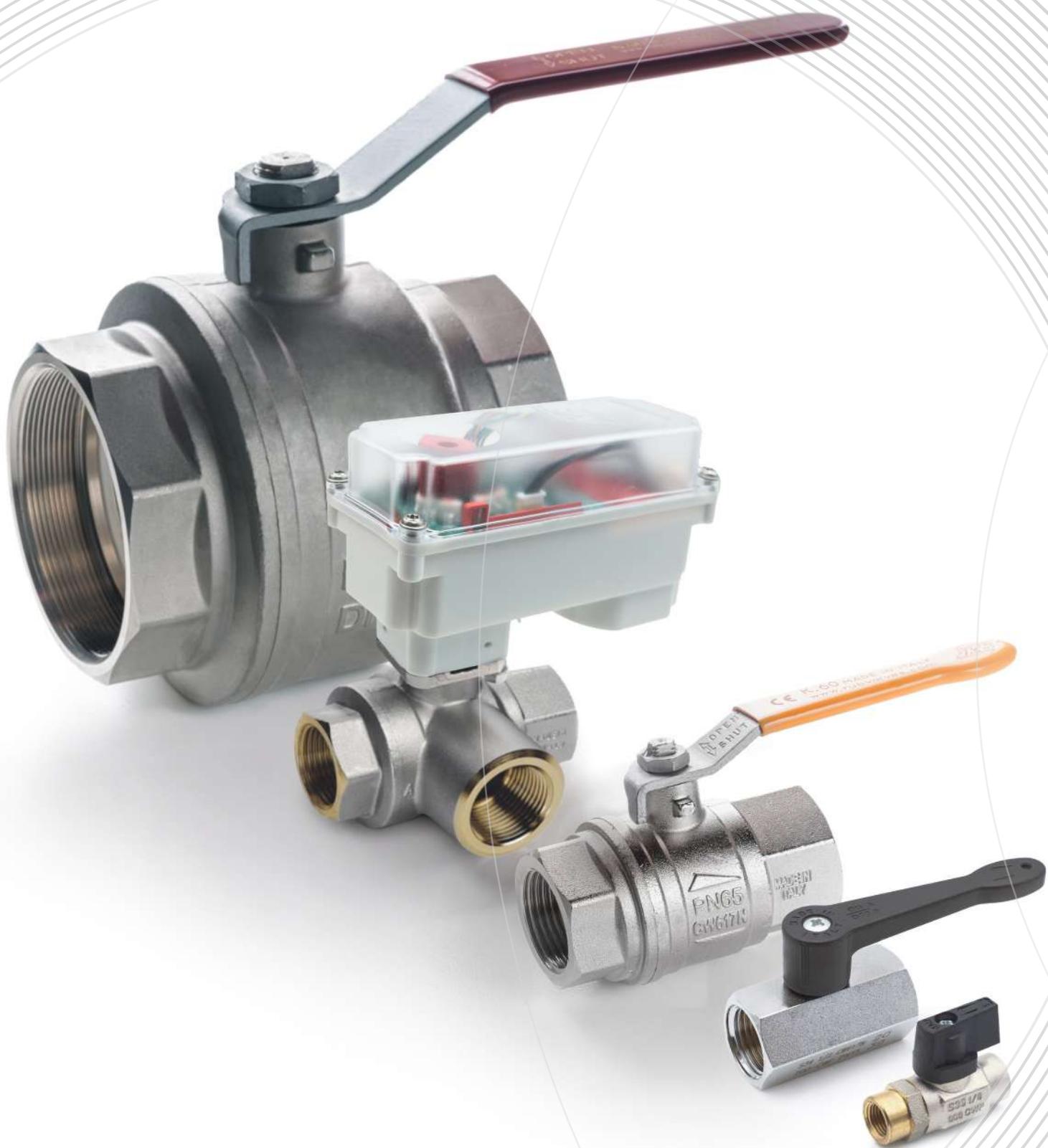
PRESSURE DROP CHART





Notes





Application Catalog



ACTUATION



INDUSTRY



PNEUMATIC



GAS



FIREFIGHTING



DRINKING WATER



PLUMBING



ACCESSORIES



Ask for additional information on the whole range of **RuB** products and consult with your supplier for special applications.

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