COSMO

GUTES KLIMA
BESSER LEBEN

GUNMETAL BALL VALVE

Technical information

Updated on Aug 3rd 2026

Application

COSMO Casting Gunmetal Ball Valve is used in heating and cooling system.especially as shut-off element in pump hot-water heating systems.

Features

- Casting Gunmetal Body
- Blowout-proof PTFE Sealing Design
- Premium Quality PTFE Ball Seats Seal
- PA6+GF30 High T-handle, red protective cover
- Working Pressure: PN40
- Threads: ISO 7/1
- Working temperatures Range: -10°C +120 °C
- Suitable for water-glycol mixtures up to 50% glycol

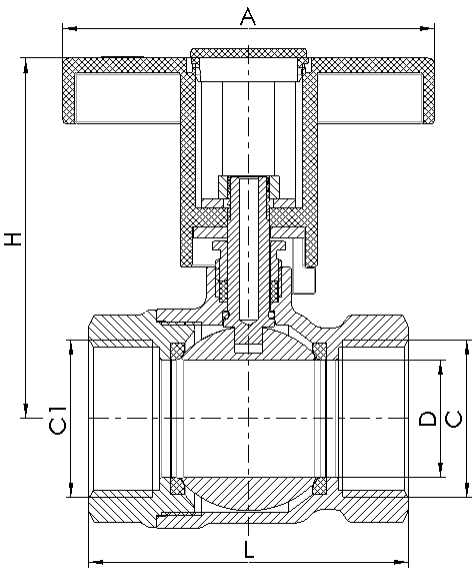


Thermometer
Optional



Insulating Shell
Optional





Specification

CODE	DN	C/C1mm	D/mm	L/mm	H/mm	A/mm	PN
CSORB15	15	Rp1/2"	15	54.4	67.7	59.5	40
CSORB20	20	Rp3/4"	19	58.8	70.6	59.5	40
CSORB25	25	Rp1"	25	68.0	76.4	79.0	40
CSORB32	32	Rp11/4"	32	79.0	83.8	79.5	40
CSORB40	40	Rp11/2"	40	89.4	114.5	109.0	40
CSORB50	50	Rp2”	50	102.5	122.7	109.0	40

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Application

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Features

- Casting Gunmetal Body
- Blowout-proof PTFE Sealing Design
- Premium Quality PTFE Ball Seats Seal
- PA6+GF30 High T-handle, red protective cover
- Working Pressure: PN40
- Threads: ISO 7/1 and ISO 228
- Working temperatures Range: -10°C +120 °C
- Suitable for water-glycol mixtures up to 50% glycol

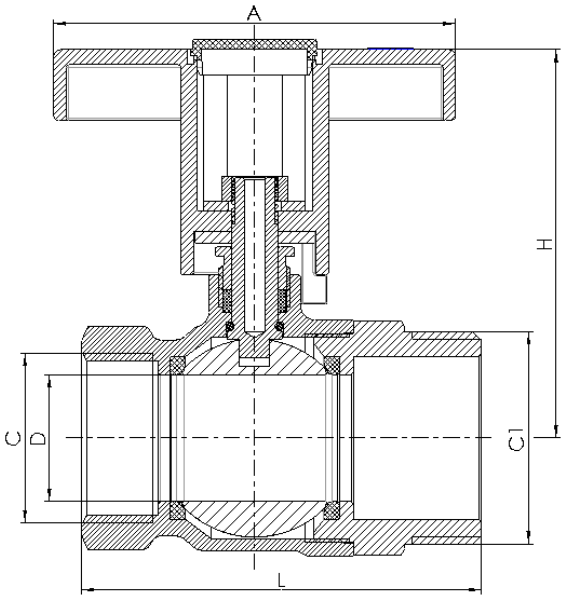


Thermometer
Optional



Insulating Shell
Optional





Specification

CODE	DN	C/C1/mm	D/mm	L/mm	H/mm	A/mm	PN
CSORB15A	15	Rp1/2“x G3/4”M	15	64.9	67.7	59.5	40
CSORB20A	20	Rp3/4“x G1”M	20	69.3	70.6	59.5	40
CSORB25A	25	Rp1“x G11/4”M	25	78.5	76.4	79.0	40
CSORB32A	32	Rp11/4“x G11/2”M	32	89.5	83.8	79.5	40

Application

COSMO Casting Gunmetal Ball Valve With Drain-off is used in heating and cooling system.especially as shut-off element in pump hot-water heating systems.

Features

- Casting Gunmetal Body
- Blowout-proof PTFE Sealing Design
- Premium Quality PTFE Ball Seats Seal
- PA6+GF30 High T-handle, red protective cover
- Working Pressure: PN40
- Threads: ISO 7/1
- Working temperatures Range: -10°C +120 °C
- Suitable for water-glycol mixtures up to 50% glycol

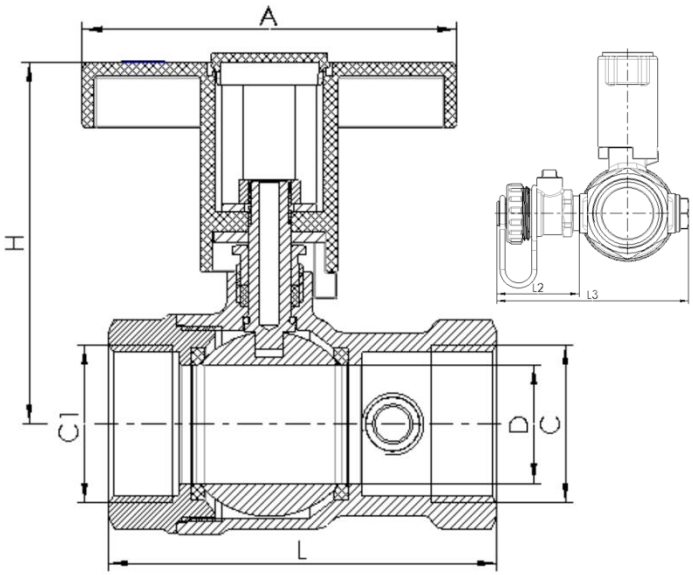


Thermometer
Optional



Insulating Shell
Optional





Specification

CODE	DN	C/C1/mm	D/mm	L/mm	L2/mm	L3/mm	H/mm	A/mm	PN
CSORB15ME	15	Rp1/2"	15	68.2	40	81.4	67.7	59.5	40
CSORB20ME	20	Rp3/4"	20	73.3	40	86.8	70.6	59.5	40
CSORB25ME	25	Rp1"	25	82.0	40	92.8	76.4	79.0	40
CSORB32ME	32	Rp11/4"	32	92.5	40	101.8	83.8	79.5	40
CSORB40ME	40	Rp11/2"	40	104.2	40	107.8	114.5	109.0	40
CSORB50ME	50	Rp2”	50	118.0	40	120.8	122.7	109.0	40

Application

COSMO Casting Gunmetal Ball Valve With Press Connection is used in heating and cooling system.especially as shut-off element in pump hot-water heating systems.

Features

- Casting Gunmetal Body
- Blowout-proof PTFE Sealing Design
- Premium Quality PTFE Ball Seats Seal
- PA6+GF30 High T-handle, red protective cover
- Working Pressure: PN40
- Press connection in Stainless steel
- Installing by the tools of V profile jaws
- Working temperatures Range: -10°C +120 °C
- Suitable for water-glycol mixtures up to 50% glycol

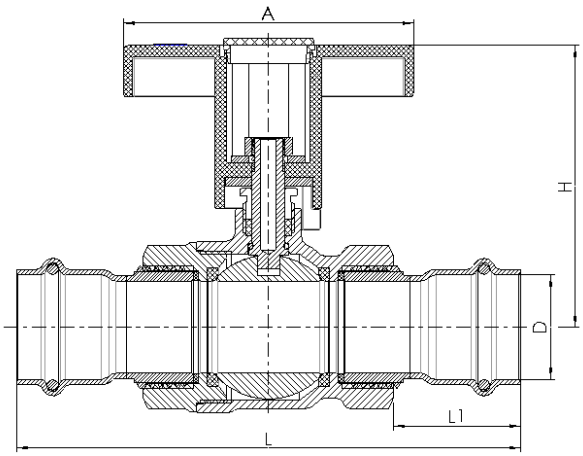


Thermometer
Optional



Insulating Shell
Optional

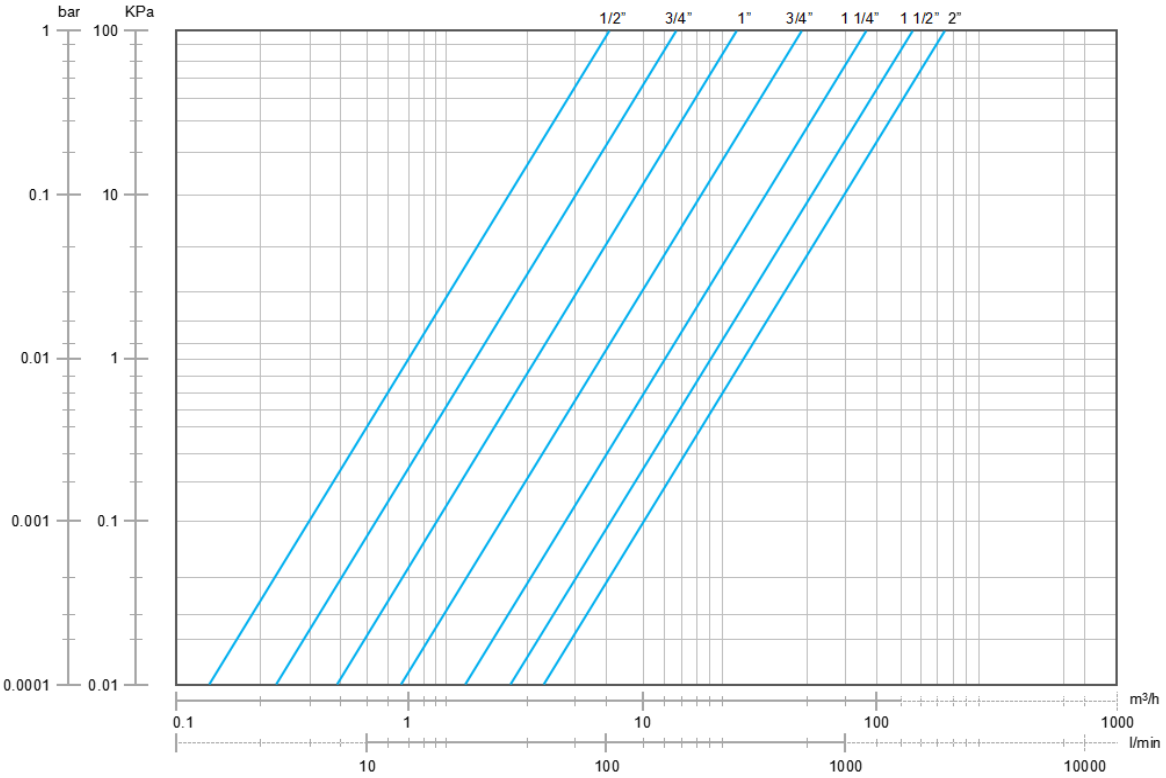




Specification

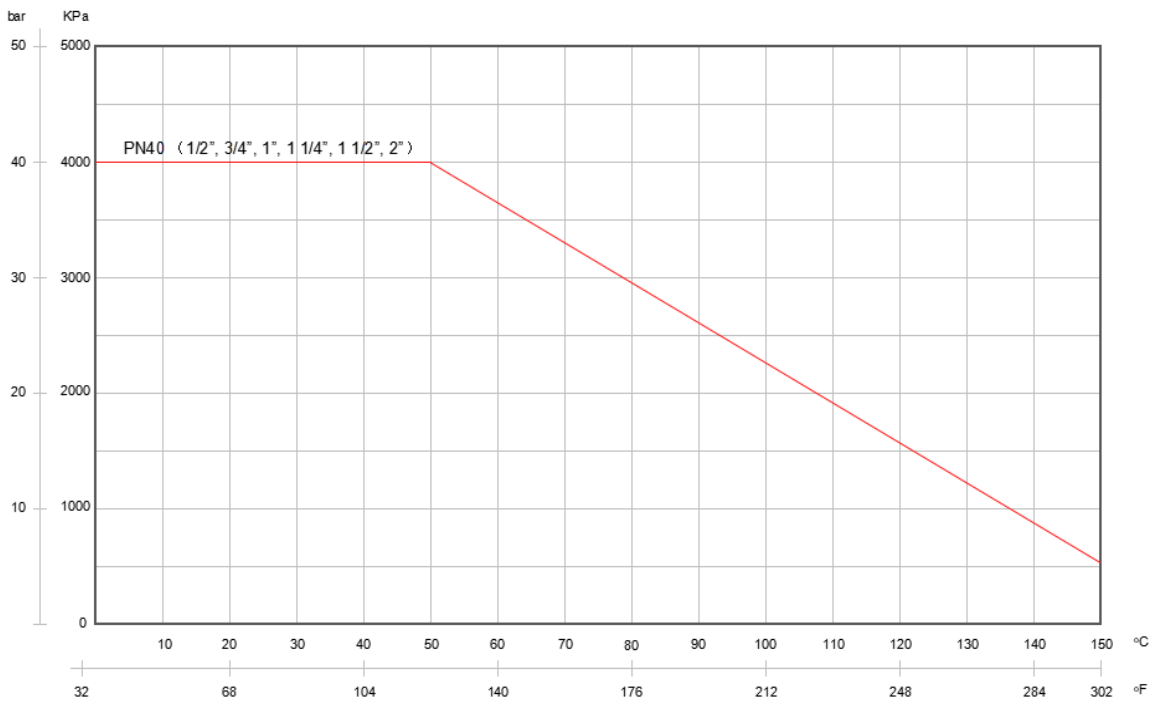
CODE	DN	D/mm	L/mm	L1/mm	H/mm	A/mm	PN
CSORB15PMS	15	15.3	114	31.0	67.7	59.5	40
CSORB20PMS	22	22.3	121	32.0	70.6	59.5	40
CSORB25PMS	28	28.3	134	34.5	76.4	79.0	40
CSORB32PMS	32	35.3	150	37.5	83.8	79.5	40

CSORB Series Pressure Loss Chart



DN	½”	¾”	1”	11/4”	11/2”	2”
KV value	22	45	66	105	160	265

CSORB Series Temperature & Pressure Chart



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Installation Optional

CSORBTHM
Thermometer



CSORBWDS/ME
EPP Insulating Shell

