



# s.96 extended stem

**Female/Female  
full port 1/4" - 2"  
hot forged brass ball valve  
dezincification-resistant in sizes 3/8" - 2"**



## 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 (DZR brass balls for sizes 3/8" - 2")
- Handle stops on body to avoid stress at stem

## BODY

- Hot forged sand blasted, nickel plated brass body and end cap (size 1/4") / Hot forged sand blasted DZR unplated body and end cap (sizes 3/8" - 2"), sealed with Loctite® or equivalent thread sealant
- Extended stem forged in one piece with body allows perfect sealing and easy operation when valve is isolated
- Finest brass according to EN 12165 and EN 12164 specifications (size 1/4"), Dezincification resistant ADZ-T and ADZ-P brass approved to SBN-PFS 1983:2 and NR-BFS 1988:18 specifications (sizes 3/8" - 2")

## STEM

- Maintenance-free, double FPM O-rings at the stem for maximum safety
- Unplated brass stem (size 1/4") / DZR brass stem (sizes 3/8" - 2")

## SEALING

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

## THREADS

- ISO 228 female by female threads

## FLOW

- Full port to DIN 3357 for maximum flow

## OPTIONS

- Oval lockable handle ①
- Patented locking device ②
- Stem extension
- Stainless steel handle (1.4016 / AISI 430) ③
- T-handle ④
- Stubby handle
- **RuB** memory stop is designed to be installed with our stubby handle

## HANDLE

- Geomet® carbon steel handle with thick PVC dip coating. Handle coating offers both thermal and electrical protection
- 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
- -40°C to +170°C (-40°F to +350°F)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

## UPON REQUEST

- Stainless steel ball (1.4401 / AISI 316)
- Glass filled PTFE seals
- Custom design

## PED DIRECTIVE

- According to 2014/68/UE module A: it cannot be used with dangerous gases in sizes larger than 25 mm

## APPROVED BY OR IN COMPLIANCE WITH

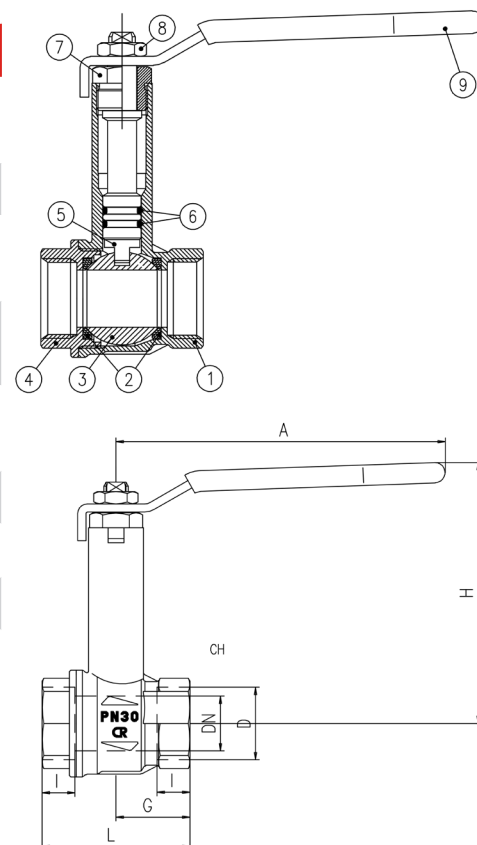
- RoHS Compliant (EU)
- GOST-R (Russia)
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)

**NOTE:** approvals apply to specific configurations/sizes only.





	Part description	Q.ty	Material
1	Nickel plated body (size 1/4") Unplated DZR body (sizes 3/8"- 2")	1	CW617N CW602N
2	Seat	2	PTFE
3	Chrome plated ball (size 1/4") Chrome plated DZR ball (sizes 3/8"- 2")	1	CW617N CW602N
4	Nickel plated end -cap (size 1/4") Unplated DZR end-cap (sizes 3/8"- 2")	1	CW617N CW602N
5	Unplated extended stem O-ring design (size 1/4") Unplated extended DZR stem O-ring design (sizes 3/8"- 2")	1	CW617N CW602N
6	O-Ring	2	FPM
7	Unplated nut	1	CW617N
8	Geomet® nut	1	C4C (EN10263-2)
9	Red PVC coated Geomet® steel handle	1	DD11 (EN10111)

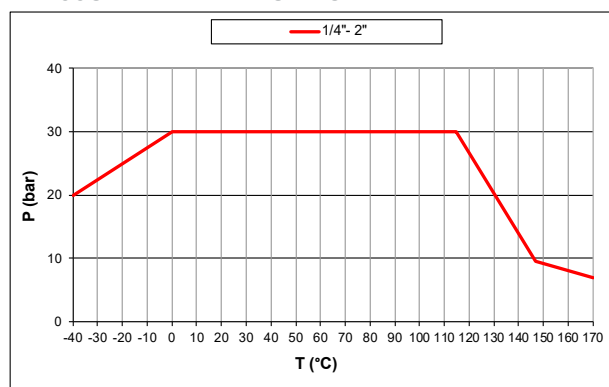


1 1/4"-2" hollow ball

Code	S96B00	S96C00	S96D00	S96E00	S96F00	S96G00	S96H00	S96I00
D (Size)	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)	9	9	11	12	14	15	17	19
L (mm)	39	39	50	54	67	77	90	106
G (mm)	19.5	19.5	25	27	33.5	38.5	45	53
A (mm)	100	100	100	120	120	158	158	158
H (mm)	85	85	88	95	99	124	130	137
CH (mm)	20	20	25	31	38	48	54	66
Kv (m3/h)	3.9	8.2	28	42	70	80	125	179

DN shows the nominal flow diameter. Actual flow diameter complies with full port DIN 3357 part 4. Ball valves are marked CE on handle from 1 1/4" to 2" as follow: CE Cat I-A

## PRESSURE-TEMPERATURE CHART



## PRESSURE DROP CHART

