

ENGLISH

Datasheet

s.81 side drain

full port 1/2"-2" hot forged brass ball valves





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 clearly shows ball position
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer lifeTravel 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 thread sealant
- Finest brass according to EN 12165 and EN 12164 (formerly DIN 17660 and UNI 5705-65) specifications
- Double side drain allows easy and safe downstream line venting

Stem:

- · Blowout-proof nickel plated brass stem
- · Two FPM O-rings at the stem for maximum safety

Seals:

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



Threads:

- ISO 228 parallel female by female threads
- G 1/4" ISO 228 drain on both side

Flow:

• Full port to DIN 3357 for maximum flow

Handle

- Geomet® carbon steel handle with thick PVC dip coating. Handle coating offers both thermal and electrical protection
- Handle removable with valve in service

Working Pressure:

- 16 Bar (230 PSI)
- · non-shock cold working pressure
- · Pressure applicable to valve, not to side tap

Working Temperature:

- · -20°C (-4°F) / +170°C (+350°F)
- · Temperature applicable to valve, not to side tap

Options:

- Stem extension
- T-handl
- · Oval lockable handle
- AISI 430 stainless steel handle
- · Patented locking device
- · Compact drain

Upon Request:

- · AISI 316 stainless steel ball
- Glass filled PTFE seals
- · Custom Design
- · Male by Female threads

RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.

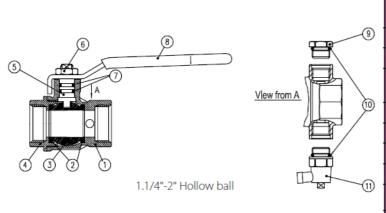


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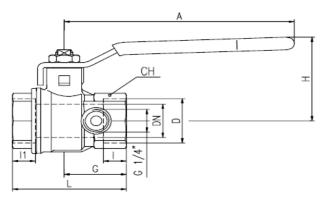
Approved by or in compliance with:

- GOST-R (Russia)
- Hygiene and epidemic center in Moscow city (Russia)
- RoHS Compliant
- EAC Declaration of conformity (Russia-Kazakhstan-Belarus)

NOTE: Approvals apply to specific configurations/sizes only.

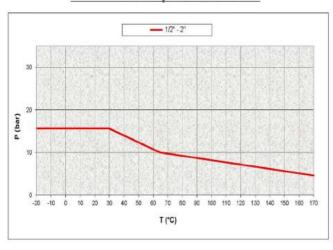


Part Description			Material	
1	Nickel plated body (external treatment)	/		
2	Seat	2	PTFE	
3	Chrome plated ball	1	CW617N	
4	Nickel plated end cap (external treatment)	1	CW617N	
5	Nickel plated stem O-ring design	1	CW617N	
6	Geomet® nut	1	CB4FF	
7	O-Ring	2	FPM	
8	Red PVC coated Geomet® steel handle	1	DD11	
9	Nickel plated cap	1	CW617N	
10	O-Ring	2	EPDM	
11	Side tap	1	-	

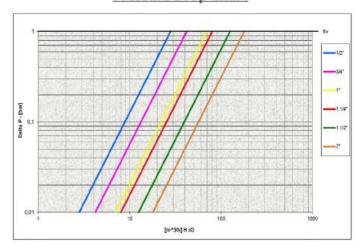


Code	S81D00	S81E00	S81F00	S81G00	S81H00	S81I00
D (Inch)	1/2	3/4	1	1.1/4	1.1/2	2
DN (mm)	15	20	25	32	40	50
I1 (mm)	11	12	21	23	17	26.5
I (mm)	11	12	14	15	17	19
L (mm)	56	59.5	79.5	90.5	95.5	118.5
G (mm)	31	32.5	39	44	50.5	58
A (mm)	100	120	120	158	158	158
H (mm)	43	50	54	73	79	86
CH (mm)	25	31	40	49	54	68.5

Pressure-Temperature Chart



Pressure Drop Chart



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