



k.84 BSPP

Female/Female

1/4" - 2"

EN 10226-1, DIN 16722 M3

HIGH TEMPERATURE RESISTANCE

Now approved for HTB use (Hochtemperaturbeständigkeit)

Class C 0,1 (0,1 bar @650°C for at least 30 minutes).



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
- Handle stops on body to avoid stresses at stem
- Chrome plated brass ball for longer life with rinse hole

BODY

- Valve length according to DIN 16722 M3 specifications
- Finest brass according to EN 12165 and EN 12164 (formerly DIN 17660 and UNI 5705-65) specifications
- Hot forged sand blasted external nickel plated brass body and cap sealed with Loctite® or equivalent threads sealant

STEM

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

SEALING

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

THREADS

- EN 10226-1, ISO 7/1, ISO 228 parallel female by female threads

PED DIRECTIVE

- Assessment according to Pressure Equipment Directive 2014/68/UE module B+D by ICIM (0425)

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

WORKING PRESSURE & TEMPERATURE

- 40 bar (600 PSI) non-shock cold working pressure
- -40°C to +170°C (-40°F to +350°F)
- For use with dangerous fluids temperature rating is -20°C to +60°C (-4°F to +140°F) and pressure rating is 5 bar (72 PSI) / HTB Class C 0,1
- **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

APPROVED BY OR IN COMPLIANCE WITH

- BSI Group (United Kingdom)
- RoHS Compliant (EU)
- DIN-DVGW (Germany) – MOP 5 C 0,1
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)

NOTE: approvals apply to specific configurations/sizes only.

OPTIONS

- Stem extension
- Oval lockable handle ¹
- **RuB** memory stop designed to be installed with our stubby handle ²
- Stainless steel handle (1.4016 / AISI 430) ³
- Stubby handle ⁴
- T-handle ⁵
- Patented locking device



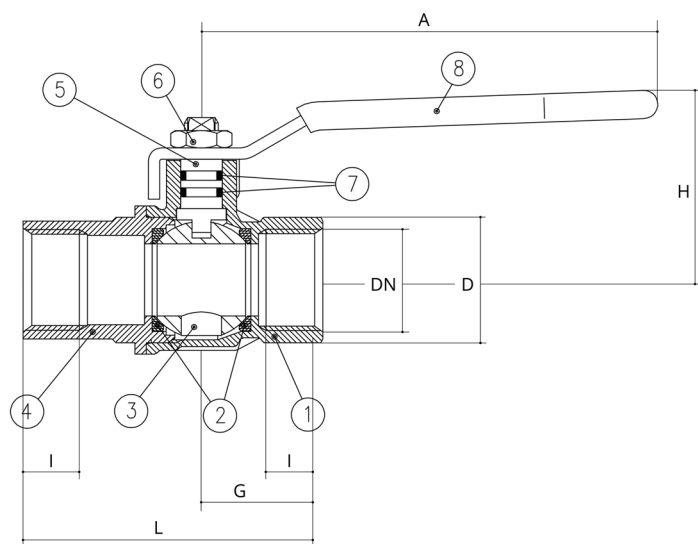
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Each user should perform his own tests to find out the suitability for his particular application. RuB, Inc makes no warranty, express or implied, as to the shape, fit or function of a product for any application. Contact us or consult with your supplier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



INDUSTRY

	Part description	Q.ty	Material
1	Nickel plated body (external treatment)	1	CW617N
2	Ball seat	2	PTFE
3	Chrome plated ball with rinse hole (read rinse hole on sizes from 3/4" up to 2")	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 (EN10263-2)
7	O-Ring	2	FPM
8	Yellow PVC coated Geomet® steel handle	1	DD11 (EN10111)



1 1/4"-2" hollow ball

Compliant to CE 2014/68/UE product Equipment category III Module B+D

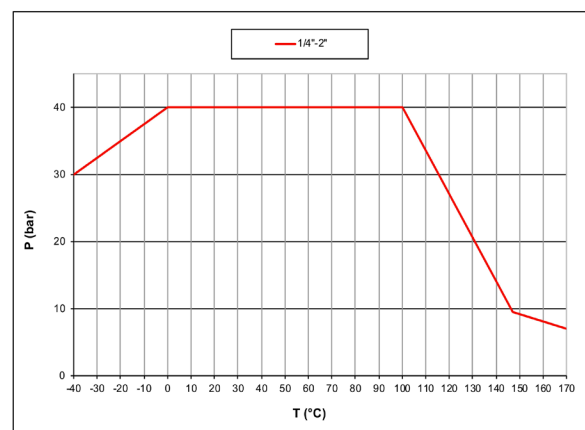
Code	S84B05	S84C05	S84D05	S84E05	S84F05	S84G05	S84H05	S84I05
D (inch)	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
DN (inch)	0.314	0.393	0.590	0.787	0.984	1.259	1.574	1.968
I (inch)	0.472	0.472	0.610	0.669	0.826	0.905	0.905	1.043
L (inch)	1.968	2.362	2.952	3.149	3.543	4.330	4.724	5.511
G (inch)	0.885	0.885	1.161	1.259	1.594	1.830	2.007	2.381
A (inch)	3.228	3.228	3.937	4.724	4.724	6.220	6.220	6.220
H (inch)	1.496	1.496	1.692	1.968	2.125	2.874	3.110	3.385
CH (inch)	0.669	0.787	0.984	1.220	1.574	1.929	2.125	2.696
Cv (GPM)	4.5	9.5	32.3	41.6	71.6	91.3	143.3	205.7

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

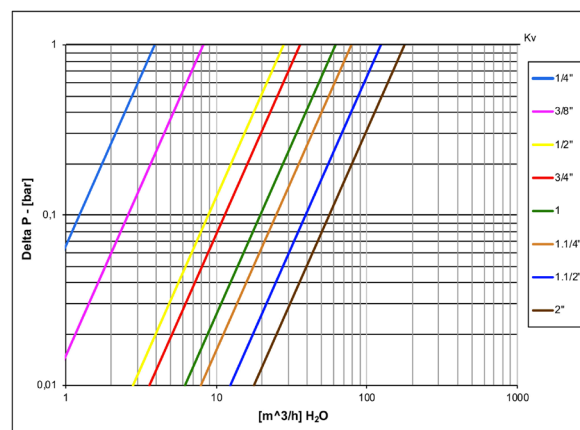
Ball valves are marked CE on handle from 1 1/4" to 2" as follow:

CE 0425 cat IIIB+D PS: 5 GAS TS1:-20°C (-4°F) TS2:+60°C (+140°F)

PRESSURE-TEMPERATURE CHART



PRESSURE DROP CHART



WARNING: This product can expose you to chemicals including lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

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