

Datasheet

Process Ball Valve

RS Stock number **812-5264**



Features and Specifications:

- Hot forged sand blasted, nickel plated brass body and cap sealed with Loctite or equivalent thread sealant
- Approved by GOST-R (RU), Hygenic (RU), ROSTEKHNADZOR (RU), UkrSepro (U), Danish Board of European Technical Approval for Construction Products VAApApproval (DK)
- Finest brass according to EN 12165 and EN 12164 (formerly DIN 17660 and UNI 5705-65) specifications
- ISO 5211 and DIN 3337 mounting flange for universal connection to actuator,
- 100% full port for maximum flow
- 24h 100% seal test guaranteed in according to EN12266-1 RATE A
- Reinforced PTFE self-lubricating seats with flexible-lip and wear compensation design
- Dual sealing system allows valve to be operated in either direction making installation easier
- Chrome plated solid brass ball
- No metal-to-metal moving parts
- Nickel plated blowout-proof brass stem
- Two FPM O-rings at the stem for maximum safety
- No maintenance ever required
- EN 10226-1, ISO 228 parallel Female by Female threads
- Silicone-free lubricant on all seals
- Shell rating: 40 bar non shock cold working pressure
- Seat rating: Delta P max permissible 16 bar
- Range: -20°C +170°C temperature (Warning: freezing of the fluid in the installation may severely damage the valve)

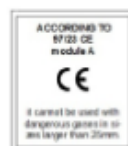
Options:

- Special valve configurations available upon request,
- s.64 configuration featuring NPT taper ANSI B.1.20.1 Female by Female threads, unplated body, reinforced seats and brass or stainless stem,
- Rack and pinion pneumatic actuator (spring return or double acting)
- Compact power electric actuator

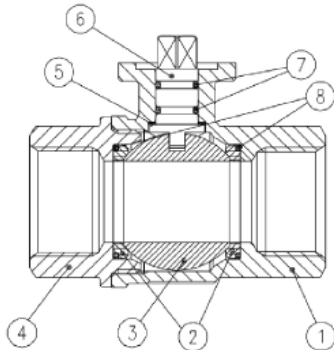
Approved By:



NOTE: Approvals apply to specific configurations only.

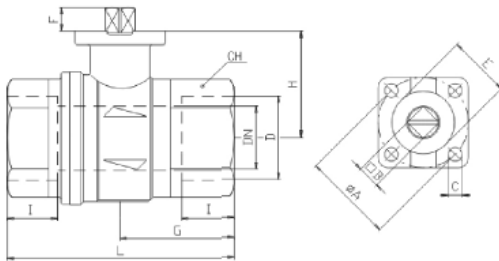


Technical Specifications:



Ball valves are marked CE on body from 1.1/4" to 2", as follow

CE S6400A Cat. 1 - A



PART DESCRIPTION		Q.ty	Material
1	Nickel plated body	1	CW617N
2	Ball seat	2	Ptfe carbographe filled
3	Chrome plated ball	1	CW617N
4	Nickel plated end cap	1	CW617N
5	Washer	1	Ptfe carbon filled 25%
6	Nickel plated stem O-Ring design	1	CW617N
7	O-Ring	2	FPM
8	O-Ring	2	FPM

Code	S64F00A	S64G00A	S64H00A	S64I00A
D (inch)	1	1 1/4	1 1/2	2
DN(mm)	25	32	40	50
I (mm)	21	23	24.5	26.5
L (mm)	90	110	120	140
G (mm)	45.5	52	59	67.5
H (mm)	42.5	49.5	62	69
CH(mm)	41	50	55	70
ØA(mm)	36	36	50	50
□B(mm)	9	9	11	11
C (mm)	5.6	5.6	6.6	6.6
E(mm)	25	25	35	35
F(mm)	8.5	8.5	10	10
Flange connection DIN ISO 5211 DIN 3337	F03	F03	F05	F05

Torque for Actuator Sizing N.m

Delta P →	0 ÷ 6 Bar		>6 ÷ 16 Bar	
	To open	To close	To open	To close
Valve size				
1"	2,2	2,2	3,5	3,5
1.1/4"	2,5	2,5	4	4
1.1/2"	5,8	5,8	9,5	9,5
2"	7,9	7,9	13	13

Torque correction factors

Valve torque can vary according to operating frequency, temperature, and friction characteristics of the media. If media has more or less friction than water, multiply torque by the following factors.

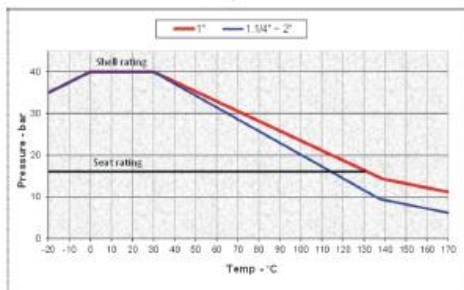
Lubricating oils or liquids **0.8**

Dry gases, superheated steam **1.5**

Slurries or liquids bearing abrasive particles **1.5-2.5**

For other conditions please inquire of your RuB representative or distributor.

Pressure - Temperature Chart



Pressure Drop Chart

