s.7200 3-way 4 seats (diverting)

Female/Female/Female
1/2” - 1”
EN 10226-1, ISO 5211

The RuB S.7200 is the right choice for fluid diversion and is designed with robust maintenance-free components ensuring ease of operation and safety. With a simple 90° turn, you can divert flow from one downstream outlet to the other. It combines traditional manual operation with modern automation. Our s.72 multi-port valves can reduce the number of valves required in piping systems and can significantly lower overall costs by allowing the replacement of two or three conventional straight-line valves, eliminating excess fittings and simplifying automation.

QUALITY
- Electronic 100% seal test guaranteed for maximum safety
- No metal-to-metal moving parts
- No maintenance ever required
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life
- Each valve is seal tested for maximum safety
- Performs well in any orientation
- Strong configuration

BODY
- Hot forged sand blasted, external nickel plated brass body and cap sealed with Loctite® or equivalent thread sealant
- Integrated ISO5211 / DIN3337 mounting flange for universal connection to actuator
- Finest brass according to EN 12165 and EN 12164 specifications
- 3-way L-port design for flow diversion

STEM
- Blowout-proof nickel plated brass stem
- Maintenance-free, double FPM O-rings at the stem for maximum safety
- Stem slot shows ball position

SEALING
- Four seats design for mixing of various fluids in the system
- Pure PTFE self-lubricating seats with flexible-lip design

THREADS
- EN 10226-1, ISO 228 parallel female by female threads

FLOW
- 100% full port for maximum flow

HANDLE
- Integrated sturdy ISO 5211 flange allows direct mounting of actuators. See ***RuB*** line of electric and pneumatic actuators.

WORKING PRESSURE & TEMPERATURE
- 20 bar (300 PSI) non-shock cold working pressure
- -20°C to +150°C (-4°F to +302°F)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve.

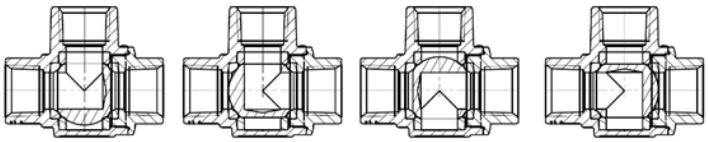
UPON REQUEST
- Custom design
- Stainless steel stem
- Configurations with 4 seats & T-port (s.7300) or 2 seats & L-port (s.7600)

PED DIRECTIVE
- The product meets the requirements of PED Directive 2014/68/UE and according to art.4 par.3, it does not require CE marking.

APPROVED BY OR IN COMPLIANCE WITH
- RoHS Compliant (EU)
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)

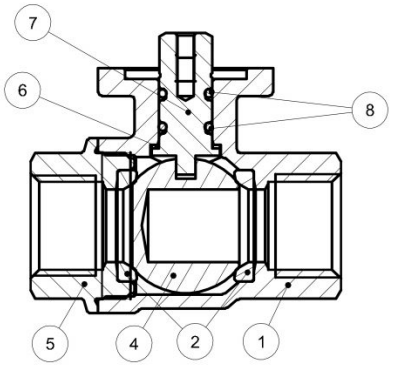
NOTE: approvals apply to specific configurations/sizes only.

S.72 3-way “L” port operating positions

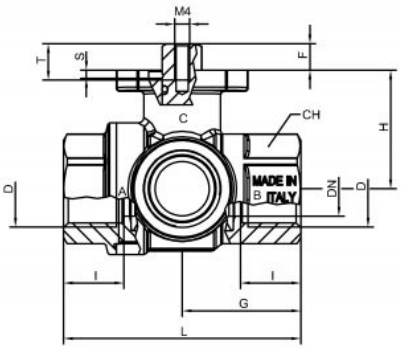


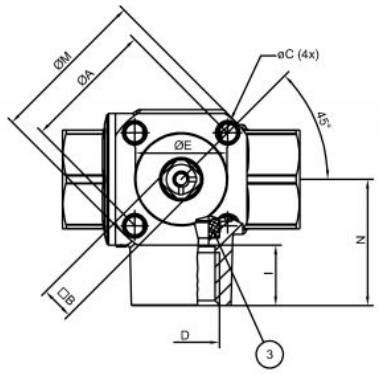
OPTIONS
- Rack and pinion pneumatic actuator (spring return or double acting)
- Lockable handle as accessory or already mounted (s.7200L)
- Various actuator linkage kit

	Part description	Q.ty	Material
1	Nickel plated body (external nickel plated, unplated inside)	1	CW617N
2	Seat	2	PTFE
3	Seat	2	PTFE
4	Chrome plated ball	1	CW617N
5	Nickel plated end-cap (external nickel plated, unplated inside)	1	CW617N
6	Washer	1	PTFE carbon filled 25%
7	Nickel plated stem O-ring design	1	CW617N
8	O-Ring	2	FPM



Code	S72D00	S72E00	S72F00
D (inch)	1/2"	3/4"	1"
DN (mm)	15	20	25
I (mm)	16.5	19	22.5
L (mm)	65	79	92.5
G (mm)	32.5	39.5	46.5
H (mm)	32.5	39.5	42.5
N (mm)	34.5	42	49.5
ØA (mm)	36	36	36
ØC (mm)	Ø5.6	Ø5.6	Ø5.6
ØE (mm)	25	25	25
Square B (mm)	9	9	9
ØM (mm)	43.4	43.4	43.4
S (mm)	2.2	2.2	2.2
T (mm)	10	10	10
F (mm)	7.3	8.3	8.3
CH (mm)	27	32	41
Flange connection DIN ISO 5211 DIN 3337	F03	F03	F03
P (ISO 262 Thread)	M4	M4	M4





TORQUE FOR ACTUATOR SIZING N.M

Delta P -->	0÷16 bar	
Valve size	to open	to close
1/2"	10.5	10.5
3/4"	13	13
1"	29.5	29.5

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, natural gas	1.5
Slurries or liquids bearing abrasive particles	1.5÷2.5