

SPECIAL-BALL-VALVE

TYPE MW



Armaturenbau und -Technik GmbH

Cavity free Multi way ball-valve

- ▶ Cavity free
- ▶ All-side sealed
- ▶ Spring loaded sealing system
- ▶ Ball with T- or L-shape bore
- ▶ Blowout proof stem



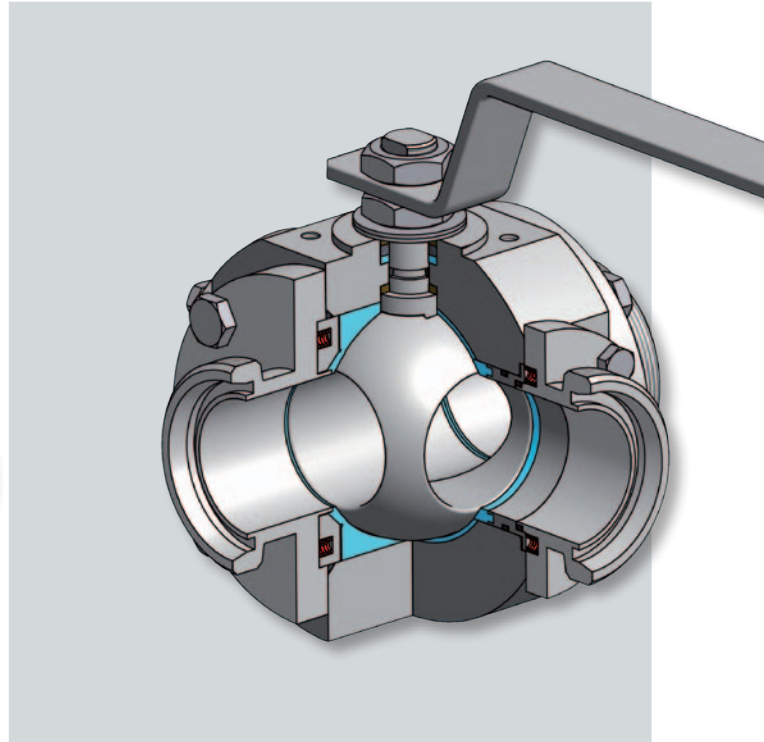
Size 1" to 4"
Pressure to 150 lbs/sq.in.
Temperature -50°C to +180°C



 made
in
Germany

YOUR PARTNER FOR CUSTOMIZING

Cavity free Multi way ball-valve



Applicable to:

Gaseous media, fluid, emulsion, syrup, paste, granulate, powder, food, etc.

Operating conditions:

max. 180°C, max. 16 bar

Suitable for vacuum service.

Exceeding parameters on request.

Design:

Cavity free, specific spring-loaded sealing system on all sides, sealing pressure adjustable by means of coil springs, blowout proof stem, ball with T- or L-shape bore.

Standard Material:

AISI 316L, AISI 316Ti; Hastelloy C22, Hastelloy C4, Duplex, Titan etc.

Ball seal: PTFE / 25% glass with FDA conformity.

O-Ring: Viton, EPDM, FEP and Kalrez with FDA conformities

Springs: AISI 316 Ti

Further material available on request.

Optional:

TA- Luft

Heating jacket

Sizes up to 10"

Temperature up to +500°C

Pressure up to 1500 lbs./sq.in.

Metallic sealing system

Connections:

Flange acc. to EN 1092-1 or ANSI B16.5

Thread acc. to DIN11851

Clamp acc. to DIN 32676

Weld end acc. to DIN 11850

Certificates:

TA-Luft

FDA-Conformity

Acceptance test certificate acc. to DIN EN 10204-3.1

BSE / TSE free

PMI

ATEX/94/9/EC

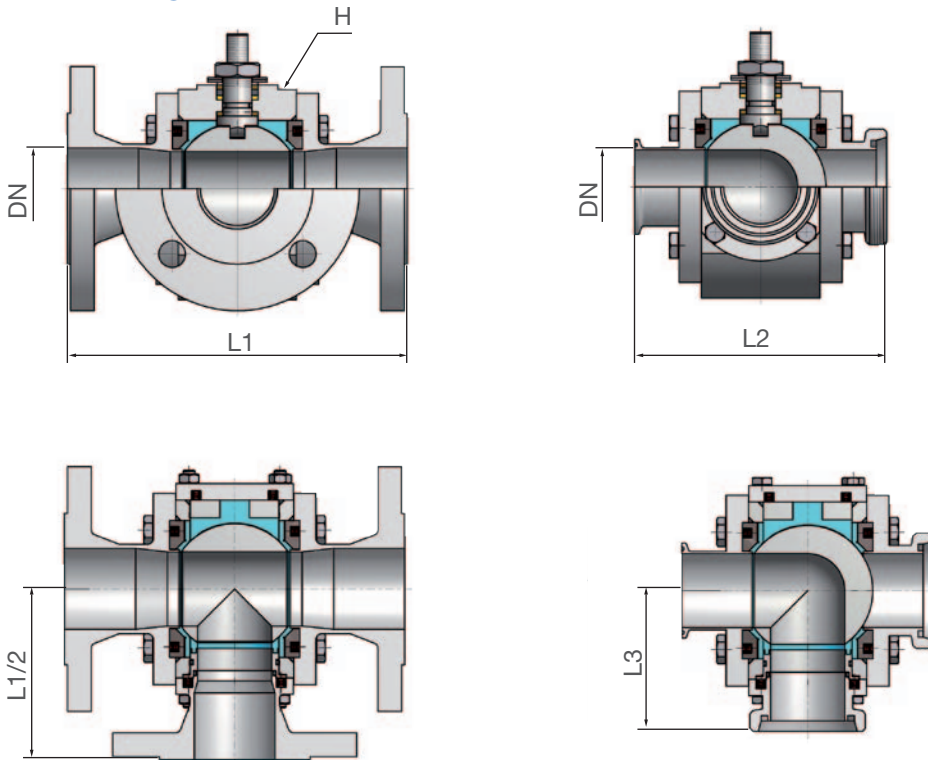
Tightness test:

API598

Actuator mounting flange:

Acc. to DIN3337 / ISO 5211

ATEC mating dimensions

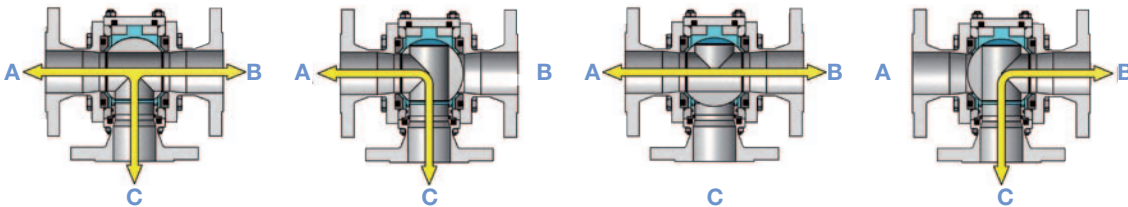


DN	L1	L1/2	L2	L3	H
15	140	80	100/120*	65	F04
25	160	80	120	71	F04
40	200	100	160	87	F05
50	230	115	170	95	F05
65	290	145	200	100/110**	F07
80	310	156	230	125	F07
100	350	175	270	135	F10

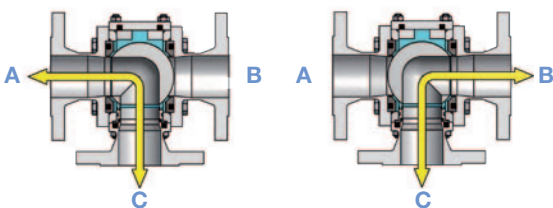
* L2 for thread acc. to DIN 11851

** L3 for thread acc. to DIN 11851

Ballposition with T-Ball



Ballposition with L-Ball



ADVANTAGES

- ▶ Almost no cavity between ball and housing
- ▶ Almost no residual product in the ball valve housing
- ▶ Approximately same torque at different temperatures
- ▶ Longer life time through spring loaded sealing system
- ▶ Exotic materials
- ▶ Special design sizes
- ▶ Short delivery time of customized ball valves and spare parts



ATEC Armaturenbau und -Technik GmbH

Raiffeisenstr. 29
55270 Klein-Winternheim
Germany

Fon: +49 61 36 - 7 66 47 - 0
Fax: +49 61 36 - 7 66 47 - 99

E-Mail: info@atec-armaturen.de
Internet: www.atec-valve.com

The best way
to a reliable valve is
to customize the valve
to the process