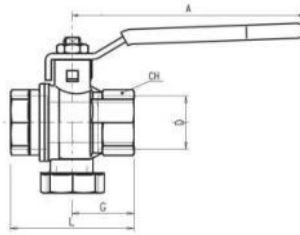
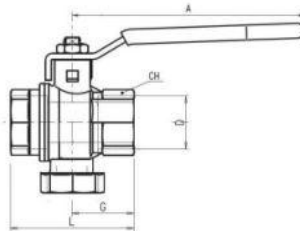


Ball Valve with Integrated Filter



Part No.	D	L	G	A	CH
BVF1/2	1/2"	50,7	26,7	100	25
BVF3/4	3/4"	61,3	32,3	100	31
BVF1	1"	70,1	35,6	100	38
BVF1-1/4	1.1/4"	85	45	158	48
BVF1-1/2	1.1/2"	97,5	52	158	54
BVF2	2"	117	63	158	66

Ball Valve with Integrated Filter and Magnet



Part No.	D	L	G	A	CH
BVFM3/4	3/4"	61,3	32,3	100	31
BVFM1	1"	70,1	35,6	100	38
BVFM1-1/4	1.1/4"	85	45	158	48
BVFM1-1/2	1.1/2"	97,5	52	158	54
BVFM2	2"	117	63	158	66

Quality:

- Substitutes 3 different components (2 ball valves and one filter)
- Reduces leakage risks due to lower sealing points
- Cost saving due to reduced number of components
- Time saving at installation and maintenance
- Built-in vertical filter with cartridge structure in AISI304 + Nylon (filtration degree: 500 microns / 35 mesh). Size 1/2" has a central rib to ease filter extraction.
- Final test conforming with UNI EN 12266-1 points A3 / A4 (for 1.1/2" and 2" sizes: acc. to directive 2014/68/UE)
- No metal-to-metal moving parts
- Handle clearly shows ball position
- Chrome plated brass ball for longer life
- Handle stop on body to avoid stress at stem

Body

- Hot forged sand blasted, external nickel plated brass body and cap sealed with L octite® or equivalent thread sealant
- Finest brass according to EN 12165 and EN 12164 (formerly DIN 17660 and UNI 5705-65) specifications
- Bottom plug for an easy filter maintenance

Stem

- Blowout-proof unplated brass stem
- Two O-rings at the stem (FKM + NBR) for maximum safety

Sealing

- Pure PTFE seats

Threads

- ISO 228 parallel female by female threads

Flow

- Nominal port

Handle

- Zinc plated steel handle with plastic dip coating
- WARNING: do not exceed reasonable temperature and/or electrical load

Magnet

- Neodymium (12.000 gauss) NdFeB

Working pressure & temperature

- 30 Bar (450 PSI) non-shock cold working pressure for sizes 1/2" to 1", 20 Bar (290 PSI) for sizes 1.1/4" to 2"
- -20°C / +150°C (-4°F / +300°F)
- WARNING: freezing of the fluid in the installation may severely damage the valve

PED directive

- According to 2014/68/UE, 1.1/4" and superior sizes cannot be used with dangerous fluids

Cost Saving Solution

BVF Filter Valve substitutes traditional Y Strainers combined with 2 ball valves.

- Full port
- Low pressure drop
- Assembly space and time very limited
- Easy to be cleaned and maintained
- All impurities gather inside the filter
- Maximum pressure 30 bar (PN30)
- Increased filter quality with cartridge structure for all sizes. Filter for size 1/2" will have a central rib to ease filter extraction

