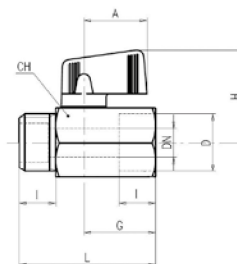
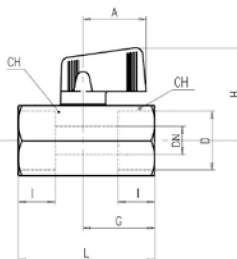
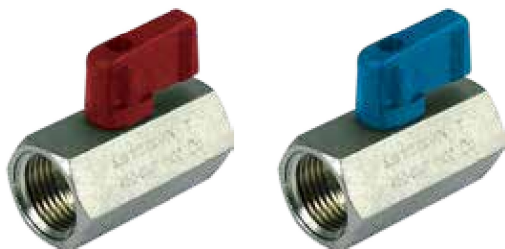


Mini Ball Valve - Male / Female



Part No.	Part No.	D	DN	I	L	G	A	H	CH
VMMF02R	VMMF02B	1/8"	5	10	41,5	22	22,5	31	21
VMMF04R	VMMF04B	1/4"	8	11	41,5	22	22,5	31	21
VMMF06R	VMMF06B	3/8"	8	11	41,5	22	22,5	31	21
VMMF08R	VMMF08B	1/2"	10	13	49	22	22,5	31	25

Mini Ball Valve - Female / Female



Part No.	Part No.	D	DN	I	L	G	A	H	CH
VM02R	VM02B	1/8"	6	10	41,5	22	22,5	31	21
VM04R	VM04B	1/4"	8	11	41,5	22	22,5	31	21
VM06R	VM06B	3/8"	8	11	41,5	22	22,5	31	21
VM08R	VM08B	1/2"	10	13	49	26	22,5	31	25

Quality:

- 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.
- Chrome plated brass ball for longer life.
- Each valve is seal tested for maximum safety.

Body:

- One piece drawn sand blasted brass body with an extreme compact design.
- Finest brass according to EN 12164 specification.
- Patent n. 7011-B/89.

Thread:

- ISO 7/1, BS21 Male thread: BSPT – Female thread: BSPP.

Stem:

- Blowout-proof brass stem with FPM O-ring.

Handle:

- Metal Handle removable with valve in service.

Seals:

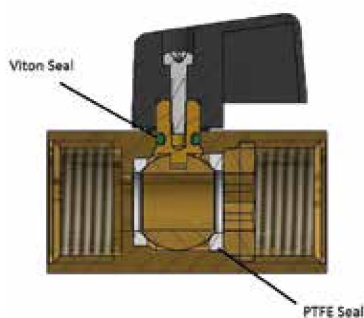
- Pure PTFE self-lubricating seats with flexible-lip design.

Working Pressure:

- 30 Bar (450 PSI).

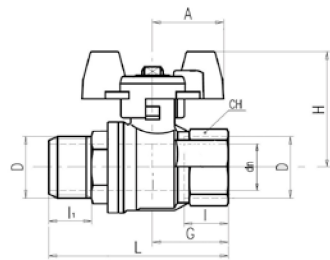
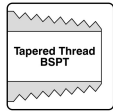
Operating Temperature:

- +120°C (+248°F).



VALVES

Ball Valve T-handle - Male / Female



Part No.	Part No.	D	DN	I	I1	L	G	A	H	CH
VTMF04R	VTMF04B	1/4"	8	12	13,5	56,5	22,5	25	39	20
VTMF06R	VTMF06B	3/8"	9,5	12	13,5	56,5	22,5	25	39	20
VTMF08R	VTMF08B	1/2"	15	15,5	16,5	70	29,5	25	43	25
VTMF12R	VTMF12B	3/4"	19	17	18	76,5	32	30	49	31
VTMF16R	VTMF16B	1"	24	21	22	92,5	40,5	30	53	40
VTMF20R	VTMF20B	1-1/4"	30	23	24	106	46,5	57	84,5	49
VTMF24R	VTMF24B	1-1/2"	38	23	24	113	51	57	90,5	54

Quality:

- 24h 100% seal test guaranteed.
- Dual sealing system allows valve to be operated in either direction making installation easier.
- No maintenance ever required.
- Chrome plated brass ball for longer life.
- Travel stops on body to avoid stresses at stem.

Body:

- Hot forged sand blasted, nickel plated brass body and cap sealed with Loctite or equivalent thread sealant.
- Finest brass according to EN 12165 and EN 12164 (formerly DIN 17660 and UNI 5705-65) specifications.

Flow:

- Full port to DIN 3357 for maximum flow .

Thread:

- EN 10226-1, ISO 228 Male thread: BSPT – Female thread: BSPP.

Stem:

- Two FPM O-rings at the stem for maximum safety.

Seals:

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

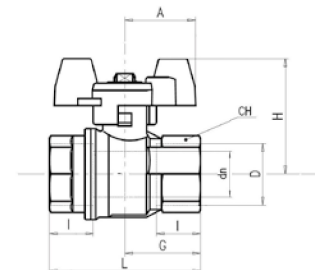
Working Pressure:

- 40 Bar (600 PSI).
- Non-shock cold working pressure.

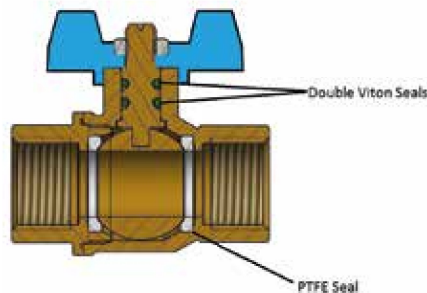
Operating Temperature:

- +170°C (+350°F).

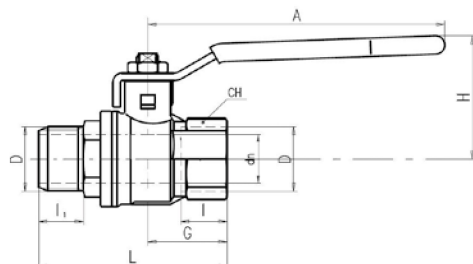
Ball Valve T-handle - Female / Female



Part No.	Part No.	D	DN	I	L	G	A	H	CH
VT04R	VT04B	1/4"	8	12	45	22,5	25	39	20
VT06R	VT06B	3/8"	9,5	12	45	22,5	25	39	20
VT08R	VT08B	1/2"	15	15,5	59	29,5	25	43	20
VT12R	VT12B	3/4"	19	17	64	32	30	49	31
VT16R	VT16B	1"	24	21	81	40,5	30	53	40
VT20R	VT20B	1-1/4"	30	23	93	46,5	57	84,5	49
VT24R	VT24B	1-1/2"	38	23	102	51	57	90,5	54

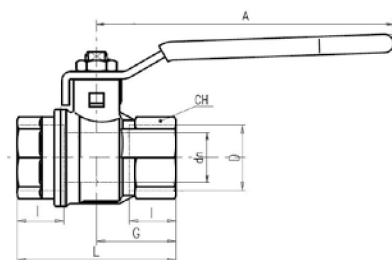


Ball Valve Standard Handle - Male / Female



Part No.	Part No.	D	DN	I	I1	L	G	A	H	CH
VLMF04R	VLMF04B	1/4"	8	12	13,5	56,5	22,5	82	38	20
VLMF06R	VLMF06B	3/8"	9,5	12	13,5	56,5	22,5	82	38	20
VLMF08R	VLMF08B	1/2"	15	15,5	16,5	70	29,5	100	43	25
VLMF12R	VLMF12B	3/4"	19	17	18	76,5	32	120	50	31
VLMF16R	VLMF16B	1"	24	21	22	92,5	40,5	120	54	40
VLMF20R	VLMF20B	1-1/4"	30	23	24	106	46,5	158	73	49
VLMF24R	VLMF24B	1-1/2"	38	23	24	113	51	158	79	54

Ball Valve Standard Handle - Female / Female



Part No.	Part No.	D	DN	I	L	G	A	H	CH
VL04R	VL04B	1/4"	8	12	45	22,5	82	38	20
VL06R	VL06B	3/8"	9,5	12	45	22,5	82	38	20
VL08R	VL08B	1/2"	15	15,5	59	29,5	100	43	25
VL12R	VL12B	3/4"	19	17	64	32	120	50	31
VL16R	VL16B	1"	24	21	81	40,5	120	54	40
VL20R	VL20B	1-1/4"	30	23	93	46,5	158	73	49
VL24R	VL24B	1-1/2"	38	23	102	51	158	79	54

Quality:

- 24h 100% seal test guaranteed.
- Dual sealing system allows valve to be operated in either direction making installation easier.
- No maintenance ever required.
- Chrome plated brass ball for longer life.
- Travel stops on body to avoid stresses at stem.

Body:

- Hot forged sand blasted, nickel plated brass body and cap sealed with Loctite or equivalent thread sealant.
- Finest brass according to EN 12165 and EN 12164 (formerly DIN 17660 and UNI 5705-65) specifications.

Flow:

- Full port to DIN 3357 for maximum flow.

Thread:

- EN 10226-1, ISO 228 Male thread: BSPT – Female thread: BSPP.

Stem:

- Two FPM O-rings at the stem for maximum safety.

Seals:

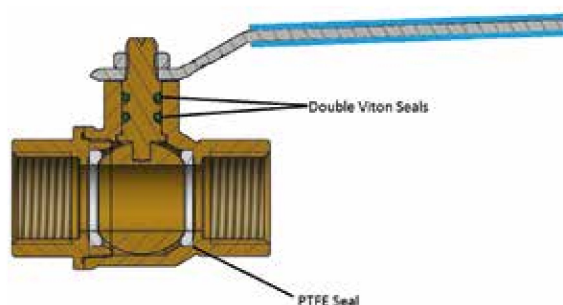
- Pure PTFE self-lubricating seats with flexible-lip design.

Working Pressure:

- 40 Bar (600 PSI).
- Non-shock cold working pressure.

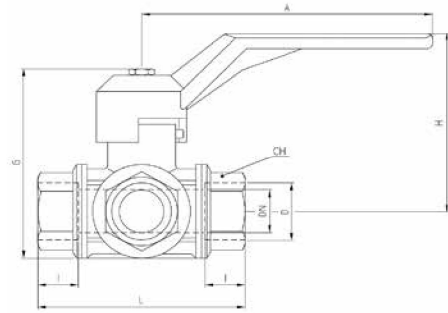
Operating Temperature:

- +170°C (+350°F).



VALVES

3 Way Ball Valve - Female (L-Type)



Part No.	D	DN	I	L	G	A	H	CH
V3F04R	1/4"	10	19	77	75	125	65	22
V3F06R	3/8"	12	19	77	75	125	65	22
V3F08R	1/2"	14	19	77	75	125	65	27
V3F12R	3/4"	18	23	92	91	145	83	34
V3F16R	1"	23	25	104	105	170	96	41
V3F20R	1.1/4"	29	27	118	115	170	102	50
V3F24R	1.1/2"	36	31	138	128	170	109	57

Quality:

- Chrome plated brass ball for longer life.
- UNI 8858 cycle and torque test performed.

Body:

- Hot forged sand blasted nickel plated body and caps.
- 3 Way Lever design allows complete range of flow handling applications.
- Copper alloy brass according to EN 12165 and EN 12164 specifications.

Stem:

- Two NBR O-Rings at the stem for maximum safety.

Seals:

- Four seats design limits mixture among various fluids in the system.
- PTFE seals.

Threads:

- ISO 228 female threads.

Flow:

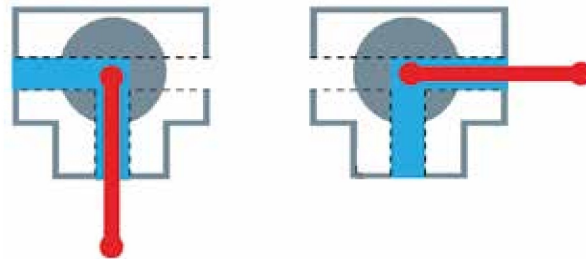
- Full port for lowest pressure drops.

Working pressure:

- 20 Bar.

Working temperature:

- -10°C to + 120°C.



L Type