

Ball Valves

Sturdy Version made of Brass Nickel-Plated

- High-quality ball valves for air, water, paint, solvents etc.
- Maintenance-free operation, long-living, sturdy and reliable, easy switching with full free passage, tested of tightness

• **For Industry, Construction and Civil Installations**

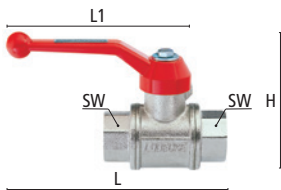
Materials

- Body and Sockets: Brass CW617N sandblasted and nickel-plated
- Spindle and Nut: Brass MS 58 nickel-plated
- Ball: Brass MS 58 chromed
- Ball seals: PTFE
- Spindle seals: FKM
- Handle: Steel red lacquered

Max. Working Pressure	Temperature	Thread	Media	
PN 35 bar	-15°C – +100°C	DIN 2999	Various	1

Ball Valves with female thread DIN 2999

Thread connection	L	SW	H	L1	Passage	Weight	Type No.
2 x R 1/4 f	50	25	78	95	8	296	KM 14 T
2 x R 3/8 f	60	25	78	95	10	302	KM 38 T
2 x R 1/2 f	75	26	82	95	15	390	KM 12 T
2 x R 3/4 f	80	32	90	104	20	682	KM 34 T
2 x R 1 f	90	39	97	104	25	876	KM 10 T
2 x R 2 f	140	70	170	178	50	3700	KM 20 T



Ball Valves

Light Version made of Brass Nickel-Plated

- Ball Valves with full passage and smaller sizes
- **For Construction, Industry, Craftmanship, Agriculture or Civil Installations**

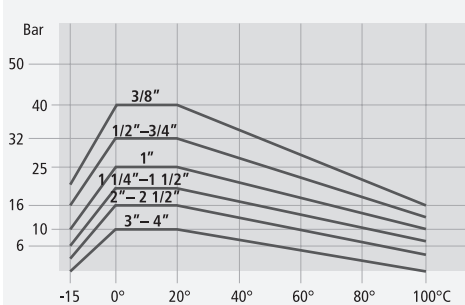
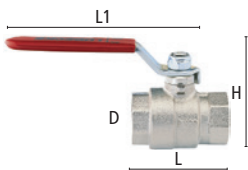
Materials

- Body and Sockets: Forged brass nickel-plated
- Spindle and Nut: Brass MS 58 nickel-plated
- Ball: Brass MS 58 chromed
- Ball seals: PTFE
- Spindle seals: FKM
- Handle: Steel zinc-plated and coated with red PVC

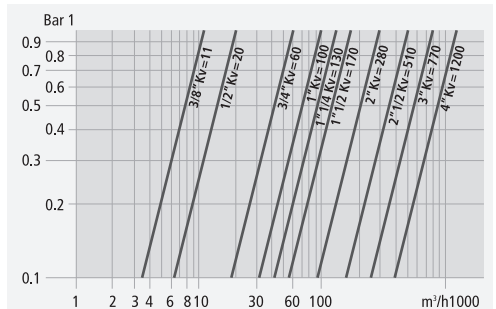
Max. Working Pressure	Temperature	Thread	Passage	Pressure drop	Media	
⊕ Diagramm	-15°C – +120°C	ISO 228	⊖ Diagram	⊖ Diagram	Various	1

Ball Valves with female thread ISO 228

Thread connection	L	H	D	L1	Passage	Weight	Type No.
2 x G 1/4 f	37	41	23	85	8	114	K 14 K
2 x G 3/8 f	42	37	24	85	10	132	K 38 K
2 x G 1/2 f	50	40	30	85	15	180	K 12 K
2 x G 3/4 f	58	48	38	105	20	306	K 34 K
2 x G 1 f	68	52	46	105	25	470	K 10 K
2 x G 1 1/4 f	80	63	58	130	32	813	K 54 K
2 x G 1 1/2 f	93	69	70	130	40	1262	K 15 K
2 x G 2 f	110	83	86	165	50	2100	K 20 K
2 x G 2 1/2 f	133	116	111	260	65	3799	K 25 K
2 x G 3 f	156	127	135	260	80	5625	K 30 K



Pressure and temperature diagram
For each ball valve, the nominal pressure PN depends on the type size and the temperature or vice versa.



Port capacity and pressure drop diagram
The Kv is the index port capacity, expressed in cubic meters per hour, causing a pressure drop of 1 bar with water at 15°C.