

BALL VALVES FOR TECHNICAL GASES

A comprehensive range of ball valves with a variety of body and seal material combinations with female thread, male thread or flanged connections.

The ball valve dimensions conform to the DIN standard (installation length and connection).

Ball valves with female thread for Town Gas, Natural Gas and LPG can also be provided with DVGW Reg. numbers on request, however this will limit the pressure to PN 16.

Cutting ring connections up to PN 100 available on request.

Oxygen ball valves are highly resistant to internal ignition. BAM certified.

Ball valves with male threaded connection EN 560

				
	Fuel gas, PN 25, Acetylene max. 1.5 bar working pressure	Oxygen, PN 40	Shielding gas, PN 40	Length [inch]
DN 10	Housing - brass nickel-plated Handle - steel galvanized with PVC coating Ball - brass chrome plated Seal - PTFE O-ring - EPDM	Housing - brass nickel-plated Handle - steel galvanized with PVC coating Ball - brass chrome plated Seal - PTFE O-ring - FPM	Housing - brass nickel-plated Handle - steel galvanized with PVC coating Ball - brass chrome plated Seal - PTFE O-ring - FPM	
	Order-No.	Order-No.	Order-No.	
	198107082	198207072	198307078	3.50
	G 3/8 RH M with cone - G 3/8 LH M with cone	G 3/8 RH M with cone - both ends	G 3/8 RH M with cone - both ends	

Ball valves with female threaded connection DIN ISO 228/1

							
		Acetylene, PN 25, max. 1.5 bar working pressure	Natural Gas, LPG, Inert Gas, Air, PN 25	Oxygen, PN 10	Length [inch]	Oxygen, PN 40	Length [inch]
		Housing - steel Handle - steel Ball - brass chrome plated Seal - EPDM O-ring - EPDM	Housing - steel Handle - steel Ball - brass chrome plated Seal - NBR O-ring - NBR	Housing - steel Handle - steel Ball - brass chrome plated Seal - PTFE O-ring - FPM		Housing - steel Handle - steel Ball - brass chrome plated Seal - PTFE O-ring - FPM <i>resistant to internal ignition</i>	
DN	Connection	Order-No.	Order-No.	Order-No.		Order-No.	
6	G 1/4	198105050	198305050	198205050	1.97	198205052	1.97
8	G 3/8	198107071	198307070	198207070	2.16	198207075	2.76
12	G 1/2	198109091	198309090	198209090	2.95	198209092	2.95
20	G 3/4	198111110	198311110	198211110	3.15	198211112	3.15
25	G 1	198113130	198313130	198213130	3.54	198213131	3.54
32	G 1.1/4	198115152	198315150	198215151	4.33	198215150	4.33
40	G 1.1/2	198117170	198317170	198217170	4.72	198217172	4.72

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Ball valves with flanged connections up to DN 25 FTF-1 according to EN 558-1 (DIN 3202)
Ball valves with flanged connections larger than DN 32 FTF-27 according to EN 558-1 (DIN 3202)

					
	Acetylene, PN 25, max. 1.5 bar working pressure	Shielding Gas, Air, Natural gas DN 20 - DN 50 / PN 40 DN 65 - DN 100 / PN 25	Oxygen, PN 10	Oxygen, PN 40	Length [inch]
	Housing - steel Handle - steel Ball - steel chrome plated Seal - EPDM O-ring - EPDM	Housing - steel P355NL1 Handle - steel Ball - stainless steel Seal - PTFE O-ring - FPM	Housing - steel Handle - steel Ball - steel chrome plated Seal - PTFE O-ring - FPM	Housing - stainless steel Handle - steel Ball - stainless steel Seal - PTFE O-ring - FPM <i>resistant to internal ignition</i>	
DN	Order-No.	Order-No.	Order-No.	Order-No.	
20	198150500	198350502	198250500	198250502	5.90
25	198147470	198351515	198247470	198251510	6.30
					
	Housing - steel P355NL1 Handle - steel Ball - steel chrome plated Seal - EPDM O-ring - EPDM	Housing - steel P355NL1 Handle - steel Ball - stainless steel Seal - PTFE O-ring - FPM	Housing - steel P355NL1 Handle - steel Ball - brass chrome plated Seal - PTFE O-ring - FPM	Housing - stainless steel Handle - steel Ball - stainless steel Seal - PTFE O-ring - FPM <i>resistant to internal ignition</i>	
DN	Order-No.	Order-No.	Order-No.	Order-No.	
32	198152521	198252525 *	198252521	198252523	5.12
40	198153531	198353533 *	198253532	198253534	5.51
50	198154542	198354543 *	198254540	198254543	5.90
65	198155551	198355553 *	198255551	198255552	6.69
80	198156560	198356561 *	198256561	198256562	7.09
100	198157570	198357571 *	198257570	198257571	7.48

* Ball valves with flanged connections for Natural Gas, DVGW-Reg.-Numbers inclusive