

BALL VALVES FOR TECHNICAL GASES

Product Information

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

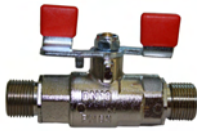


The ball valve dimensions conform to the DIN standard (installation length and connection).

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. 198.107082	Order-No. 198.207072	Order-No. 198.307078	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	198.105050	198.305050	198.205050	1.97	198.205052	1.97
8 G 3/8	198.107071	198.307070	198.207070	2.16	198.207075	2.76
12 G 1/2	198.109091	198.309090	198.209090	2.95	198.209092	2.95
20 G 3/4	198.111110	198.311110	198.211110	3.15	198.211112	3.15
25 G 1	198.113130	198.313130	198.213130	3.54	198.213131	3.54
32 G 1.1/4	198.115150	198.315150	198.215151	4.33	198.215150	4.33
40 G 1.1/2	198.117170	198.317170	198.217170	4.72	198.217172	4.72

Technical Data

C01/F-1 subject to change

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www.wittgas.com

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, 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 Handle - steel Ball - steel chrome plated Seal - NBR O-ring - NBR	Housing - steel Handle - steel Ball - steel chrome plated Seal - PTFE O-ring - FPM	Housing - stainless steel Handle - steel Ball - stainless steel chrome plated Seal - PTFE O-ring - FPM <i>resistant to internal ignition</i>	
DN	Order-No.	Order-No.	Order-No.	Order-No.	
20	198.150500	198.350500	198.250500	198.250502	5.90
25	198.147470	198.351511	198.247470	198.251510	6.30
					
	Housing - steel TSTE 355 Handle - steel Ball - steel chrome plated Seal - EPDM O-ring - EPDM	Housing - steel TSTE 355 Handle - steel Ball - brass chrome plated Seal - NBR O-ring - NBR	Housing - steel TSTE 355 Handle - steel Ball - brass chrome plated Seal - PTFE O-ring - FPM	Housing - stainless steel Handle - steel Ball - stainless steel chrome plated Seal - PTFE O-ring - FPM <i>resistant to internal ignition</i>	
DN	Order-No.	Order-No.	Order-No.	Order-No.	
32	198.152521	198.352521 *	198.252521	198.252523	5.12
40	198.153531	198.353532 *	198.253532	198.253534	5.51
50	198.154542	198.354541 *	198.254540	198.254543	5.90
65	198.155551	198.355552 *	198.255551	198.255552	6.69
80	198.156560	198.356560 *	198.256561	198.256562	7.09
100	198.157570	198.357570 *	198.257570	198.257571	7.48

* Ball valves with flanged connections for Natural Gas, LPG etc. DVGW-Reg.-Numbers inclusive on request (DN 32 - DN 100 / PN 16)