

**Ball valve
AVI 1398**



**Safe
choice**

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Ball valve AVI 1398

Design

2-pcs ball valve in Stainless Steel, female thread and full bore. Lockable handle. The valve is silicone free.

Application area

Shut-off valve for neutral and aggressive liquids such as alkalis, acids, oils within the chemicals industry and gases.

Dimensions

DN8–DN80

Pressure and temperature

PN63

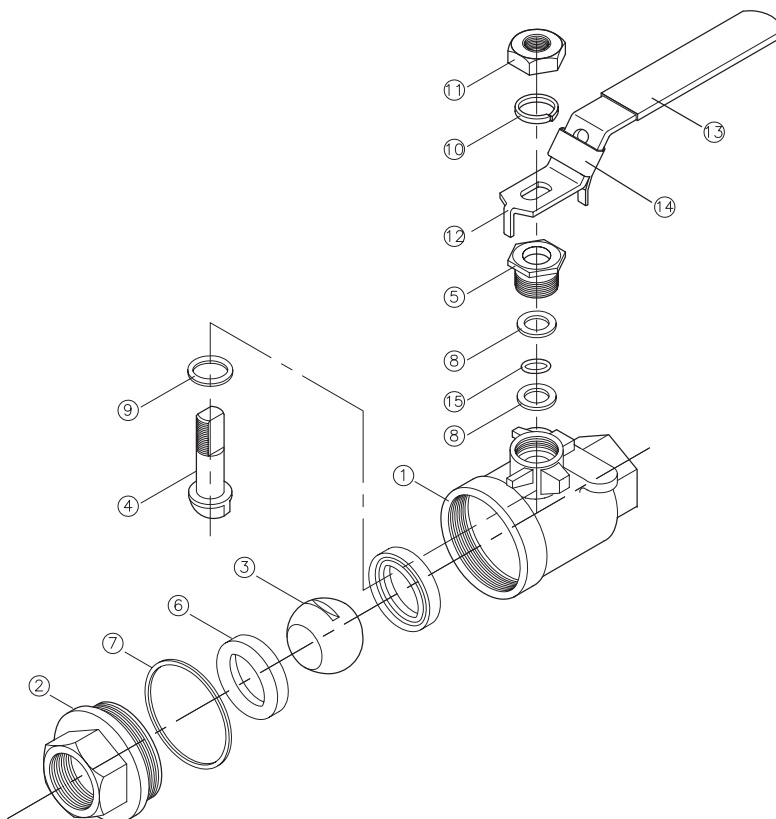
-20 – +230°C, see diagram on the last page

Approval

TA-Luft certified, CE/PED 97/23/EC Category III, Module H. Valves DN32–DN80 are marked CE0035

Installation

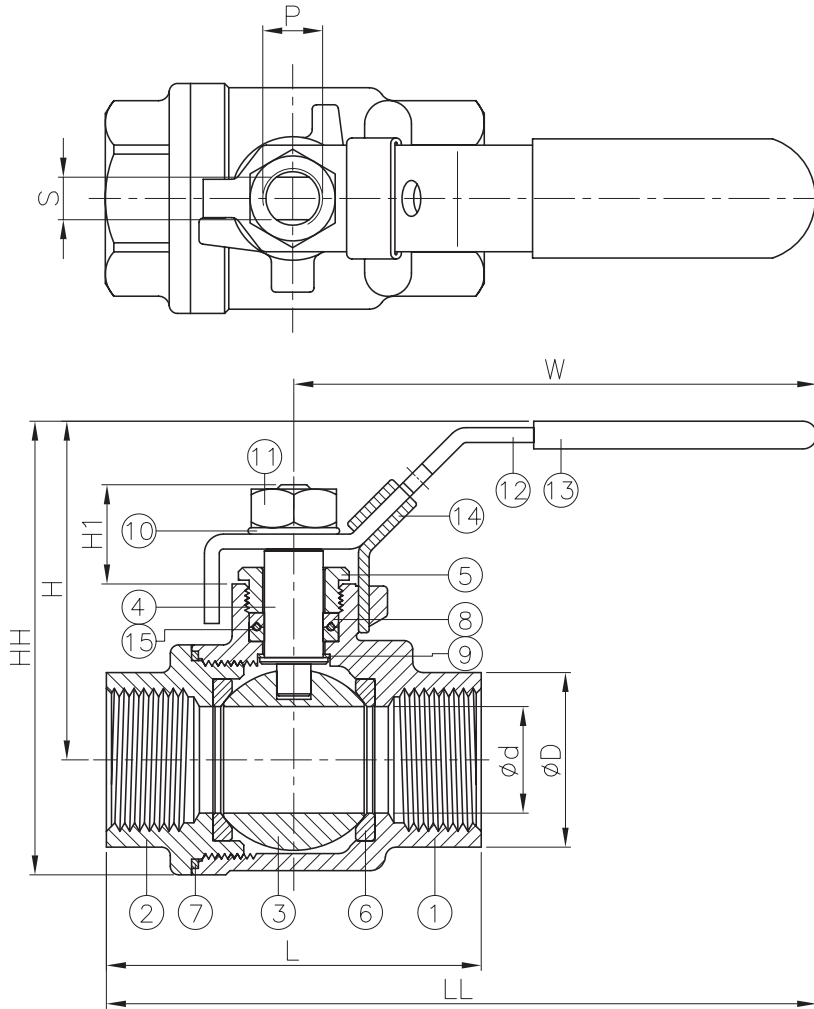
The valve is maintenance-free but must be operated periodically.



Material specifications

No.	Name	Material
1	Valve housing	Stainless steel 1.4408
2	End piece	Stainless steel 1.4408
3	Ball	Stainless steel 1.4408
4	Spindle	SS316
5	Gland	SS304
6	Ball seal	RTFE
7	Housing seal	PTFE
8	Spindle seal	PTFE
9	Pressure washer	PTFE
10	Spring washer	SS304
11	Nut	SS304
12	Handle	Stainless steel
13	Plastic cover	PVC
14	Locking device	Stainless steel
15	O-ring	VITON

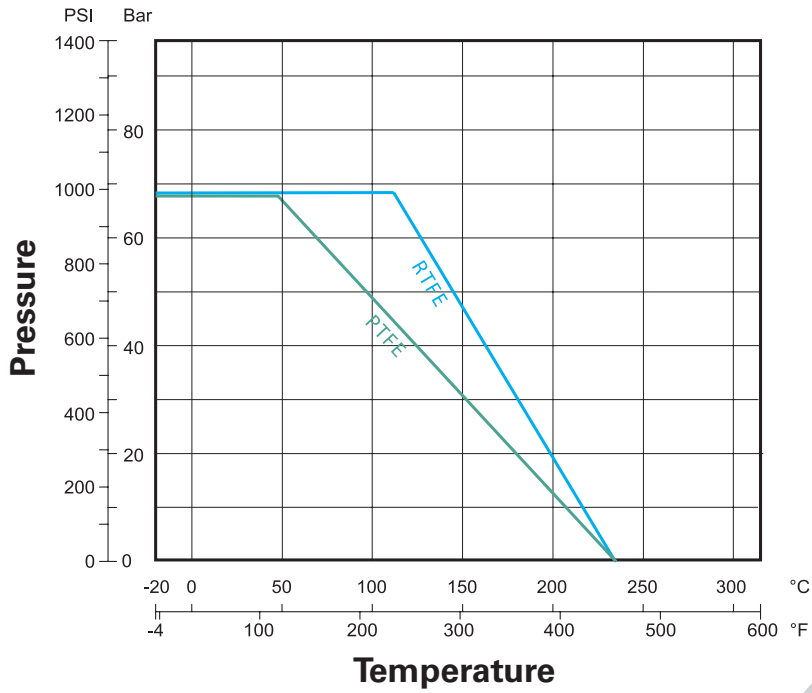
Technical specifications



RSK	DN	d	D	L	LL	H	HH	H1	W	P	S	Torque (Nm)*	Kv	Weight (kg)
4508340	8	11.6	19	50.8	124.9	58.5	73.8	18	100	3/8"-24UNF	5	3.5	18.7	0.2
4508341	10	12.5	22.5	50.8	124.9	58.5	73.8	18	100	3/8"-24UNF	5	4	21.7	0.2
4508342	15	15	26	58	128.9	58.5	77.5	18.5	100	3/8"-24UNF	5	5.5	31.3	0.3
4508343	20	20	32	65.6	157.6	63.5	83.8	22.5	125	7/16"-20UNF	6.5	7.5	57.9	0.5
4508344	25	25	38	78.7	187.9	78	104	25	149	7/16"-20UNF	8	11	94.2	0.8
4508345	32	32	48	90	193.7	83	117	26	149	7/16"-20UNF	8	15	157.9	1.1
4508346	40	38	54.8	105	242.4	102	138.2	30	190	1/2"-20UNF	10	20	227.9	1.8
4508348	50	50	67	124	251.4	108	154.4	30	190	1/2"-20UNF	10	40	414.8	2.7
4508349	65	63	85	146	323.1	138	196.5	40	250	3/4"-10UNF	12	60	676.6	5.6
4508350	80	76	100	164	331.9	146	213.5	40	250	3/4"-10UNF	12	85	984.6	7.5

*The specified torque is the torque at max. operating pressure including safety factor.

Pressure and temperature diagram



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