

Steel ball valve - DN125-150, PN16

Type 91103 - Full bore

Flange × Flange with ISO-flange and BROEN-Gear

Fully welded steel ball valve.

Materials

See next page.

Applications

Isolating valve for heating systems, district heating, cooling and industrial purpose.

Media

Water, air and other media not decomposing the steel. Not suitable for steam. If in doubt, please contact BROEN BALLOMAX® Sales Department.

Surface treatment

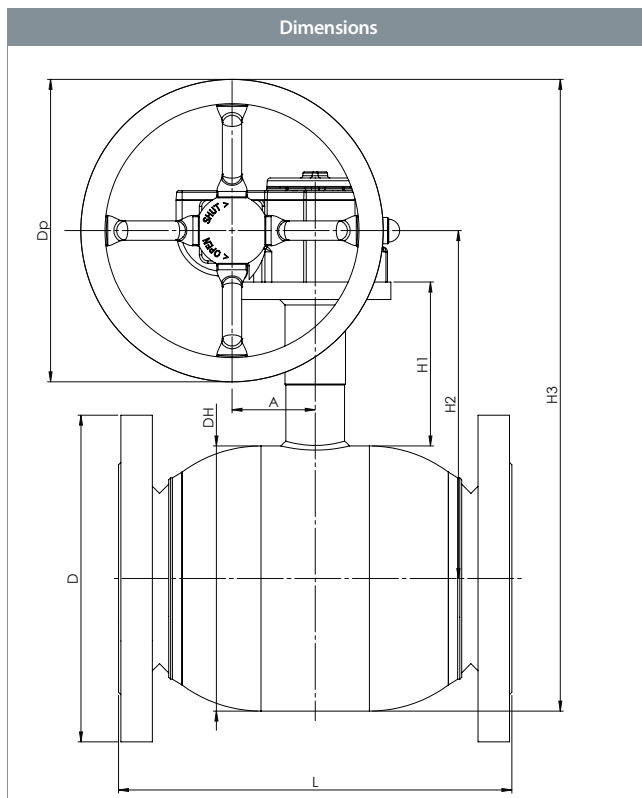
Eco-friendly protection finish against corrosion.

Approvals and certificates

BROEN is certified according to ISO 9001 and environmentally certified according to ISO 14001. BROEN BALLOMAX® is approved according to the requirements of Pressure Equipment Directive (PED). All ball valves as from DN40 are CE-marked. The 3.1 certificate is available upon request.

Notice

Other pressure levels, lengths and special flanges available on request.



					All dimensions in mm							
DN	BROEN No.	Bore	Kvs	net Weight kg	DH	D	L	H1	H2	H3	Dp	A
125	9110316125 480	125	1841	43.2	219	250	325	136	272	522	250	69
150	9110316150 480	150	2652	50.0	267	285	350	156	321	590	250	69

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Technical drawing		Material description	
	1	Welding	Steel - P235GH / 1.0345 / EN 10217-2
	2	Flange	Steel - S235JRG2 / 1.0038 / EN 10025-2
	5	Valve body	Steel - P235GH / 1.0345 / EN 10217-2
	6	Ball	Stainless steel - AISI304L / 1.4306 / EN 10217-7
	7	Seat ring	PTFE 20% Carbon
	8	Back-up ring	Steel - DC01 / 1.0330 / EN 10130
	9	Disc spring	Steel - C75S / 1.1248 / EN 10132-4
	11	Stem guide	Steel - S355J2 / 1.0570 / EN 10025-2
	12	Stem	Stainless steel / 1.4021 / EN 10088-3
	14	Friction washer	PTFE 20% Carbon
	15	O-ring	Rubber - EPDM70
	16	Back-up ring	PTFE 20% Carbon
	17	O-ring	Rubber - FPM70
	18	Intermediate ring	Stainless steel - AISI303 / 1.4305 / EN 10088-3
22	Bearing	Steel - PTFE	
23	ISO-flange	Steel - S235JRG2 / 1.0038 / EN 10025-2	
47	Gear	-	

Special model: Minimum length - Flange x Flange - DN125-150:

DN	Standard length - mm	Minimum length - mm
125	325	272
150	350	300