



WELLVALVE

**BCV-HQ41X
FLANGED BALL CHECK VALVE**

APPLICATION

The BCV-Q41X ball check valve is suitable for wastewater transfer applications and for heavy or viscous fluids.

General use: discharge of wastewater, purification, sanitation, pumping

GENERAL CHARACTERISTICS

Range: from DN40 to DN600.

Design according to EN 12334.

Resilient seated non return check valve.

Mounting direction is indicated by an arrow on the body.

Self-cleaning ball that moves freely in the body,

Low pressure drop.

Complete erasure of the ball allowing full passage.

Mounting in horizontal or vertical ascending position.

Easy maintenance thanks to the easy disassembly of the bonnet.



STANDARDS

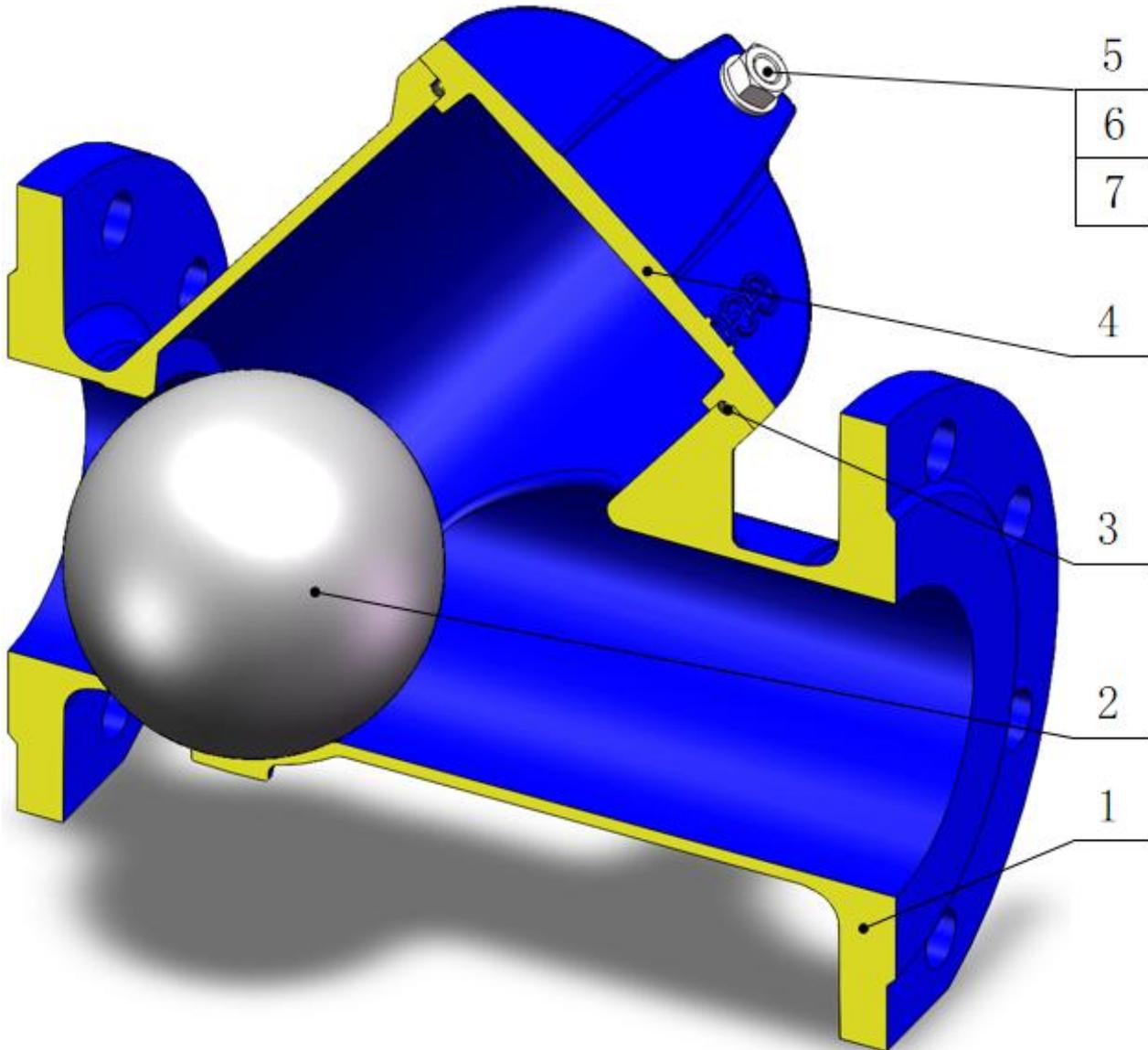
Design	Meets the requirements of European Directive 2014/68/UE: «Equipment under pressure» modulate H.
Face to face	Face to face dimension according to NF EN 558-1 serie 48, DIN3202/1 serie F6
Connection*	Mounting flange in accordance with EN1092-2 : ISO PN10 and ISO PN16
Tests	Pressure test according to standards EN12266-1 Body: 24 bar Seat: 17.6 bar



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Component	Coating
Body(1)	Epoxy powder RAL5005 250microns
Bonnet	Epoxy liquid RAL5005 250microns

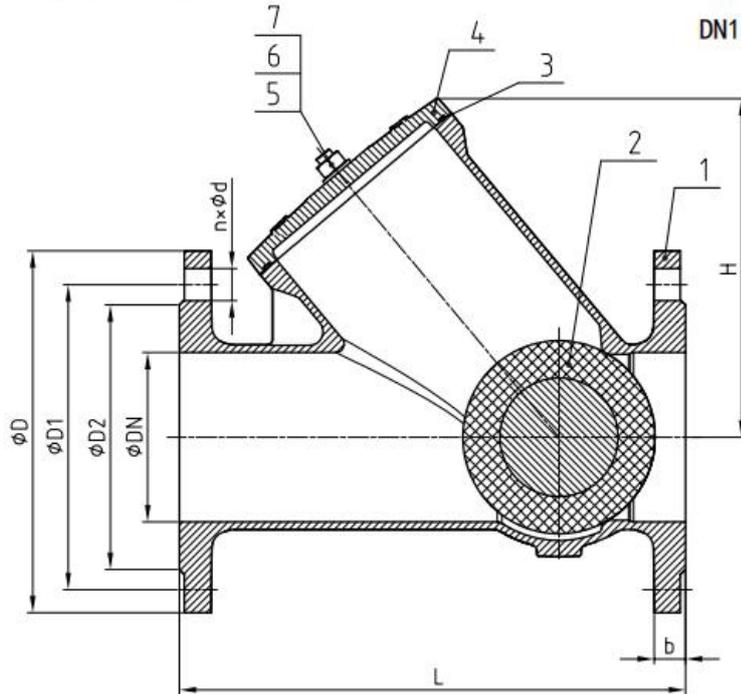
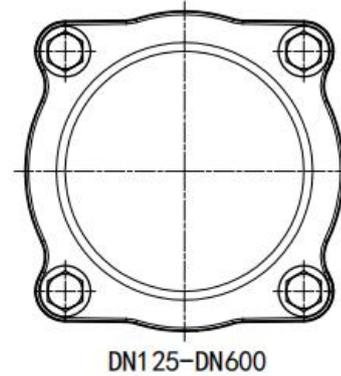
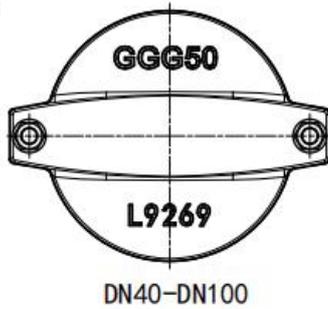


Pos.	Q-ty	Description	Material	Equivalences			Epoxy coating
				DIN	ASTM	BS	
1	1	Body	Ductile iron EN-GJS-500-7	GGG50	A536 65-45-12	1563 EN-JS1050	RAL5005,250µm
2	1	Ball	Steel+NBR				
3	1	Gasket	NBR				
4	1	Bonnet	Ductile iron EN-GJS-500-7	GGG50	A536 65-45-12	1563 EN-JS1050	RAL5005,250µm
5	1	Screw	Stainless steel 304/A2	X5CrNi 18 10	A182 AISI 304	1449-2-304 S15	
6	1	Washer	Stainless steel 304/A2	X5CrNi 18 10	A182 AISI 304	1449-2-304 S15	
7	1	Nut	Stainless steel 304/A2	X5CrNi 18 10	A182 AISI 304	1449-2-304 S15	



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Structure

DN	L	D		D1		D2	b	n-Ø		H	Ball	Weight(Kg)	
		PN10	PN16	PN10	PN16			PN10	PN16			Ball	Check valve
mm	mm									mm	mm		
40	180	150		110		84	19	4-19		115	50	0.05	6.8
50	200	165		125		99	19	4-19		120	60	0.28	7.3
65	240	185		145		118	19	8-19		140	80	0.48	10.4
80	260	200		160		132	19	8-19		150	90	0.6	12.9
100	300	220		180		156	19	8-19		185	114	1.6	16.6
125	350	250		210		184	19	8-19		210	150	3.3	32
150	400	285		240		211	19	8-23		260	165	4.5	41.5
200	500	340		295		266	20	8-23	12-23	350	210	9	70.8
250	600	405		350	355	319	22	12-23	12-28	430	250	12.5	117.4
300	700	410		400	410	370	24	12-23	12-28	500	310	12.5	168.8
350	800	460	470	460	470	429	26	16-23	16-28	650	350	38	213
400	900	515	525	515	525	480	28	16-28	16-31	730	450	59	320
450													
500	1100	620	650	620	650	609	31	20-28	20-34	850	532	128	550
600	1300	725	770	725	770	720	36	20-31	20-37	950	680	280	760

WORKING CONDITIONS

Maximum working pressure: 16 bar

Maximum working temperature : -10°C / +80°C.

WELLVALVE China

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