

Floating Ball Valves

Flanged valves

General

HermetiX™

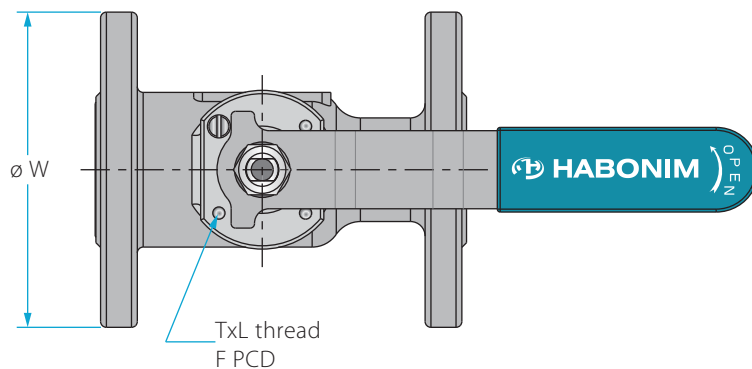
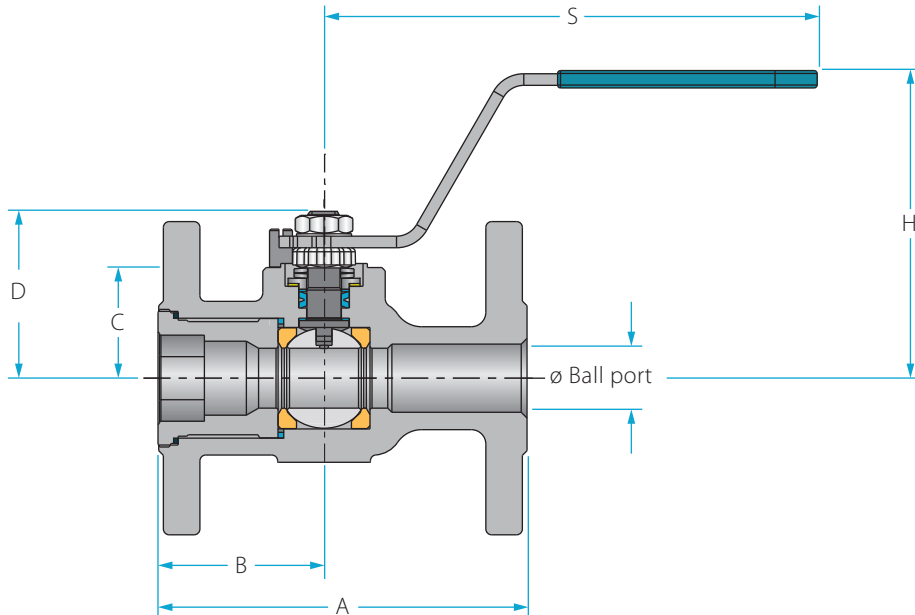
HermetiX™
Fire-safe

HermetiX™ Graphite-
free fire-safe

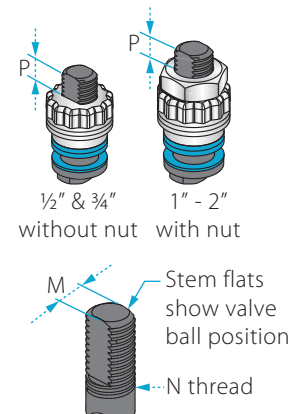
Ordering
code system

Size ½"-2" | DN15-DN50 | ANSI Class 150/300 | 31G/32G Series

Valve dimensions

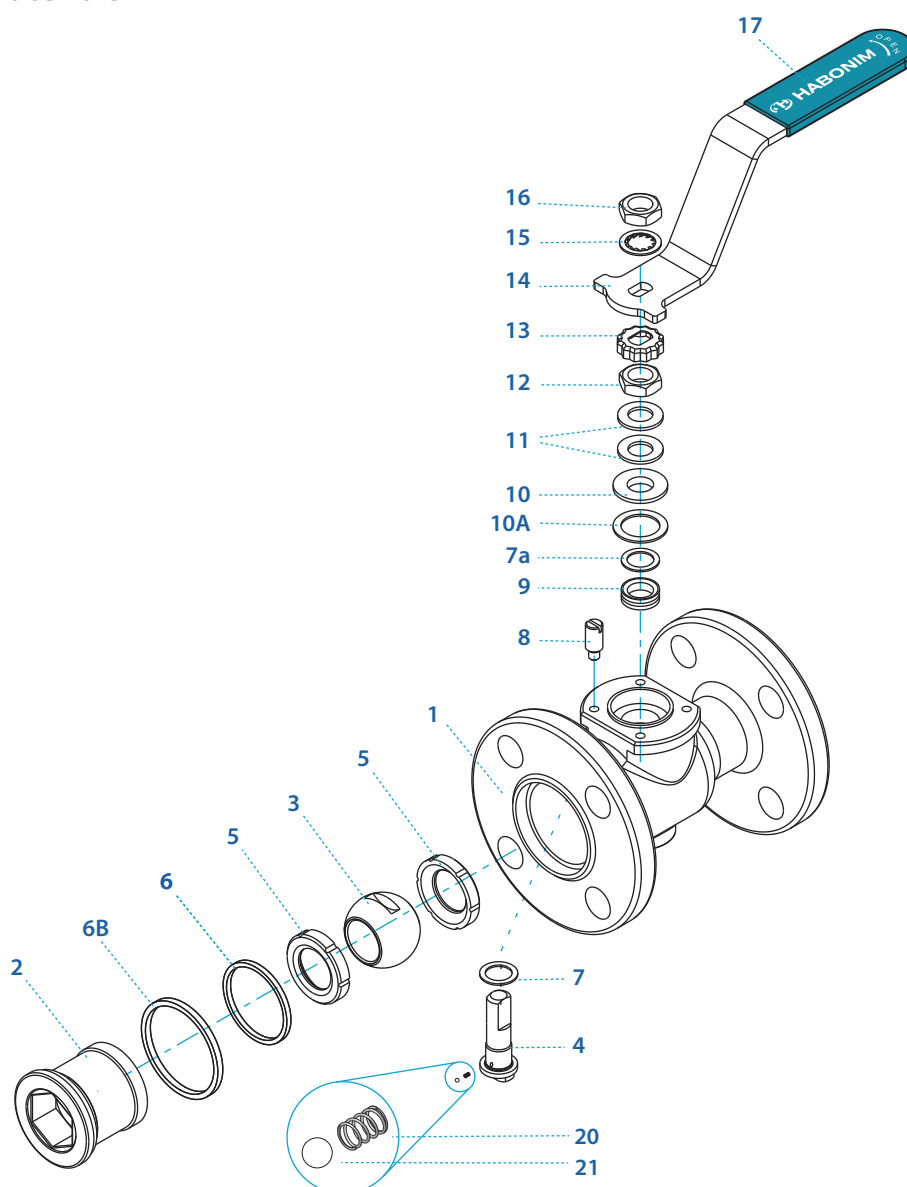


Preparation for actuation



Std. port	Unit	Ball port	A		B	C	D	H	S	W		M	N	P	F		TxL	Weight kg/lb		Cv
			150	300						150	300							150	300	
DN15	mm	11.15	108.00	140.00	46.00	29.00	38.00	92.00	151.00	88.90	95.25	5.54	¾ - UNF	6.65	(F03)	36.00	M5x10	1.70	2.40	6.9
½"	inch	0.44	4.25	5.50	1.81	1.14	1.50	3.62	5.94	3.50	3.75	0.22		0.26		1.42		3.80	5.30	8.0
DN20	mm	14.30	117.00	152.00	49.00	31.40	40.30	94.00	151.00	98.55	163.07	5.54	¾ - UNF	6.65	(F03)	36.00	M5x10	2.30	3.30	10
¾"	inch	0.56	4.61	6.00	1.93	1.24	1.59	3.70	5.94	3.88	6.42	0.22		0.26		1.42		5.10	7.30	12
DN25	mm	20.60	127.00	165.00	57.00	38.20	55.60	103.50	170.00	107.95	123.95	7.54	7/16 - UNF	7.40	(F04)	42.00	M5x10	3.10	4.60	28
1"	inch	0.81	5.00	6.50	2.25	1.50	2.19	4.07	6.69	4.25	4.88	0.30		0.29		1.65		7.30	10.20	32
DN40	mm	31.80	165.00	190.00	62.00	43.60	73.10	119.20	220.50	127.00	155.52	8.71	9/16 - UNF	8.50	(F05)	50.00	M6x12	5.50	8.70	69
1½"	inch	1.25	6.50	7.50	2.44	1.72	2.88	4.70	8.68	5.00	6.10	0.34		0.33		1.97		12.20	19.30	80
DN50	mm	38.20	178.00	216.00	68.00	48.30	77.80	123.90	220.50	152.40	165.10	8.71	9/16 - UNF	8.50	(F05)	50.00	M6x12	8.10	10.80	102
2"	inch	1.50	7.00	8.50	2.67	1.90	3.06	4.88	8.68	6.00	6.50	0.34		0.33		1.97		18.00	24.00	118

Components & materials



Item	Description	Material specification	Qty.
1	Body	A351 CF8M, A216 WCB, A351 CN7M, A494 M-35-1, A494 CW-12MW, A494 CX-2MW, A351 CK3MCuN, A995 CD3MN 4A, A995 CE3MN 5A	1
2	Plug	A351 CF8M, A216 WCB, A351 CN7M, A494 M-35-1, A494 CW-12MW, A494 CX-2MW, A351 CK3MCuN, A995 CD3MN 4A, A995 CE3MN 5A	1
3	Ball	A351 CF8M, B473 N08020, B164 N04400, B574 N06022, B574 N10276, A479 S31254, A479 S31803, A479 S32750	1
4	Stem	A479 316L, A564 Gr 630 H1150D 17-4PH, B473 N08020, B164 N04400, B574 N06022, B574 N10276, A479 S31254, A479 S31803, A479 S32750	1
5*	Seat	TFM, PTFE, Virgin PEEK, PCTFE (KEL-F)	2
6*	Primary body seal	PTFE	1
6B*	Secondary body seal	Graphite	1
7*	Stem thrust seal	VIRGIN PEEK, PCTFE (KEL-F)	1

Item	Description	Material specification	Qty.
7a*	Anti-abrasion ring	VIRGIN PEEK, PCTFE (KEL-F)	1
8	Stop pin	A582 303	1
9*	Stem seal	CF PTFE, TFM	1
10	Follower	B783 316L, B164 N04400	1
10A*	Slide bearing	TF316	1
11	Disc spring	A693 631 17-7PH	2
12	Stem nut	A194 8M, EN3506-2 A4-80	1
13	Locking clip	A167 304	1
14	Handle	C.St. A29 G10200 Zinc plate, A240 430	1
15	Serrated washer	A240 410	1
16	Handle nut	A194 8M, EN3506-2 A4-80	1
17	Sleeve	PVC	1
20	Antistatic spring	A313 302	1
21	Antistatic plunger	A479 304	1
23	Tag (not shown)	A167 304	1

* Repair kit components

Floating Ball Valves

Flanged valves

General

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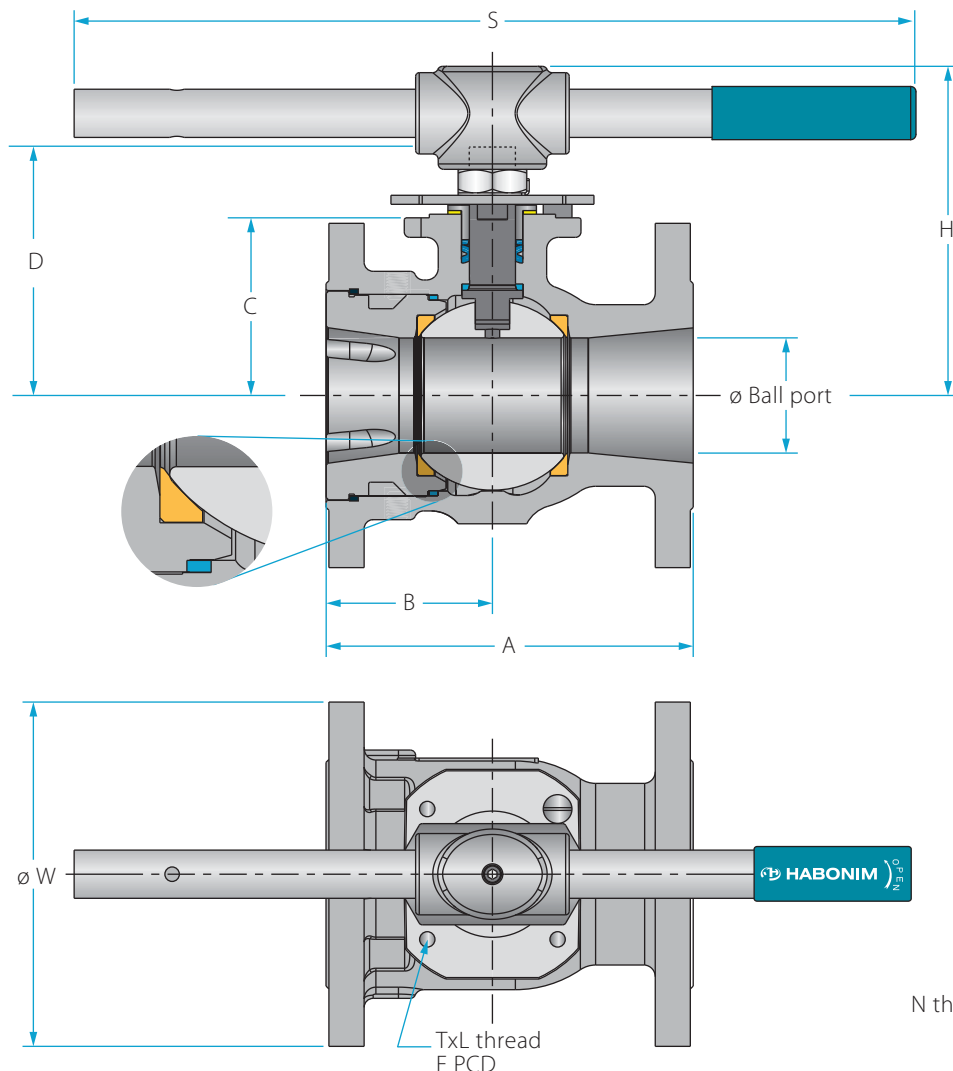
HermetiX™
Fire-safe

HermetiX™
Graphite-free fire-safe

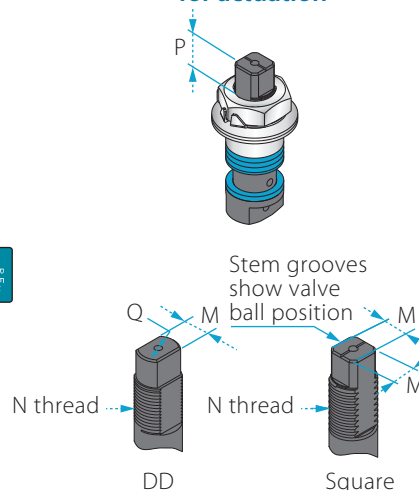
Ordering
code system

Size 3"-8" | DN80-DN200 | ANSI Class 150/300 | 31G/32G Series

Valve dimensions

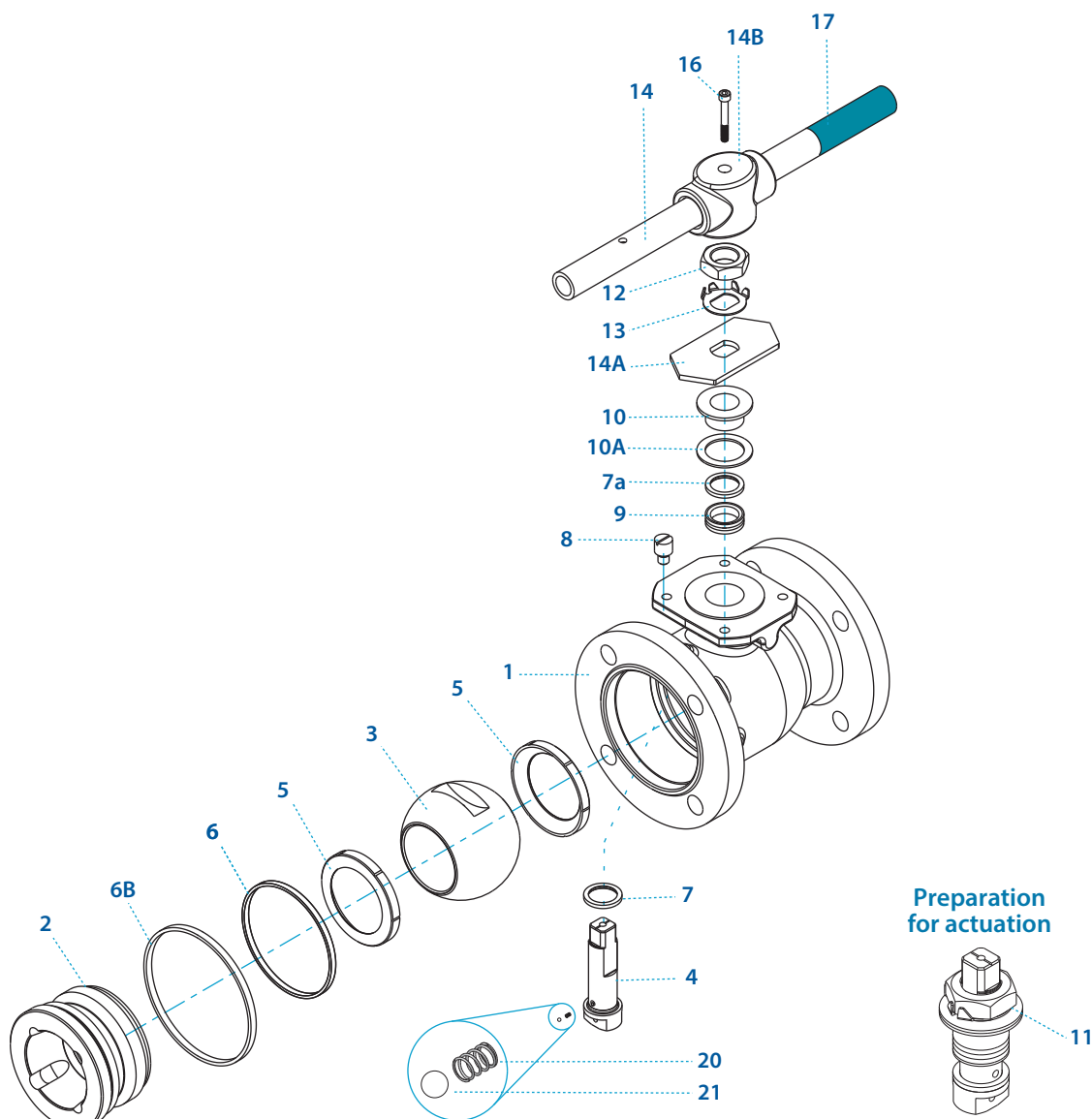


Preparation for actuation



Std. port	Unit	Ball port	A		B	C	D	H	S	W		M	M-DD	N	P	Q	F	TxL	Weight kg/lb		Kv	
			150	300						150	300								150	300	Cv	
DN80	mm	63.50	203.00	284.00	92.00	98.40	145.00	185.10	400.00	190.50	209.55	18.90	15.90	1"-14	16.70	22.70	(F10)	102.00	M10x20	18.00	22.70	300
3"	inch	2.50	8.00	11.18	3.62	3.88	5.72	7.28	15.75	7.50	8.25	0.74	0.63	UNS-2A	0.66	0.89		4.02		40.00	50.40	348
DN100	mm	82.60	229.00	305.00	102.00	114.10	161.00	201.00	610.00	228.60	254.00	18.90	15.90	1"-14	16.70	22.70	(F10)	102.00	M10x20	28.20	36.30	615
4"	inch	3.25	9.00	12.00	4.00	4.49	6.34	7.91	24.01	9.00	10.00	0.74	0.63	UNS-2A	0.66	0.89		4.02		62.80	80.60	713
DN150	mm	111.10	267.00	403.20	108.00	157.40	226.00	285.90	916.00	279.40	317.50	28.45	23.75	1½"-12	26.20	35.20	(F12)	125.00	M12x20	41.00	69.00	872
6"	inch	4.38	10.50	15.88	4.25	6.20	8.91	11.25	36.08	11.00	12.50	1.12	0.94	UNF-2A	1.03	1.39		4.92		91.00	153.00	1012
DN200	mm	144.40	292.00	419.00	163.50	185.20	254.00	313.60	916.00	342.90	381.00	28.45	23.75	1½"-12	26.20	35.20	(F12)	125.00	M12x20	82.00	105.00	1552
8"	inch	5.68	11.50	16.50	5.37	7.30	10.00	12.34	36.08	13.50	15.00	1.12	0.94	UNF-2A	1.03	1.39		4.92		182.00	233.00	1800

Components & materials



Item	Description	Material specification	Qty.
1	Body	A351 CF8M, A216 WCB, A351 CN7M, A494 M-35-1, A494 CW-12MW, A494 CX-2MW, A351 CK3MCuN, A995 CD3MN 4A, A995 CE3MN 5A	1
2	Plug	A351 CF8M, A216 WCB, A351 CN7M, A494 M-35-1, A494 CW-12MW, A494 CX-2MW, A351 CK3MCuN, A995 CD3MN 4A, A995 CE3MN 5A	1
3	Ball	A351 CF8M, B473 N08020, B164 N04400, B574 N06022, B574 N10276, A479 S31254, A479 S31803, A479 S32750	1
4	Stem	A479 316L, A564 Gr 630 H1150D 17-4PH, B473 N08020, B164 N04400, B574 N06022, B574 N10276, A479 S31254, A479 S31803, A479 S32750	1
5*	Seat	TFM, PTFE, Virgin PEEK, PCTFE (KEL-F)	2
6*	Primary body seal	PTFE	1
6B*	Secondary body seal	Graphite	1
7*	Stem thrust seal	VIRGIN PEEK, PCTFE (KEL-F)	1
7a*	Anti-abrasion ring	VIRGIN PEEK, PCTFE (KEL-F)	1

Item	Description	Material specification	Qty.
8	Stop pin	A582 303	1
9*	Stem seal	CF PTFE, TFM	1
10	Follower	B783 316L, B164 N04400	1
10A*	Slide bearing	TF316	1
11	Disc spring	A693 631 17-7PH	2
12	Stem nut	C.st B18 ZP	1
13	Tab lock washer	A240 304	1
14	Handle	C.St. Zinc plate, A240 316L	1
14A	Stop plate	C.St. 1.0402 Zinc plate, A240 430	1
14B	Wrench head	Ductile Iron A536 Gr. 65-45-12, A216 WCB, A351 CF8M	1
16	Wrench bolt	EN3506-1 A2-70/A4-80, A193 Gr B8/B8M	1
17	Sleeve	PVC	1
20	Antistatic spring	A313 302	2
21	Antistatic plunger	A479 304	2
23	Tag (not shown)	A167 304	1

* Repair kit components