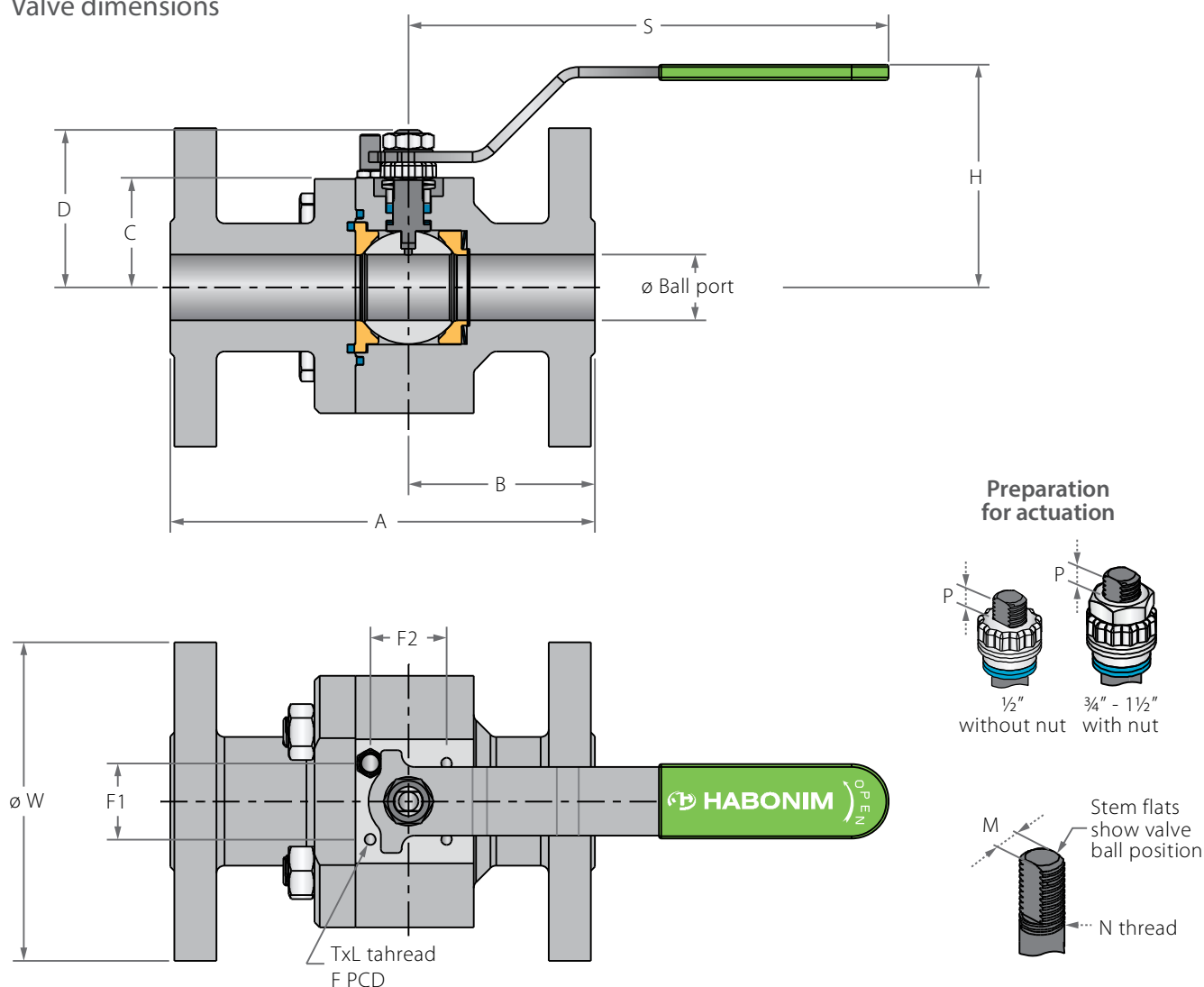


Z73W**Z74W****Z73P****Z74P** $\frac{1}{2}$ "-1 $\frac{1}{2}$ " | DN15-DN40

CLASS 150/300

Floating Ball Flanged Up to **W** 260°C (500°F) | **P** 400°C (750°F)

Valve dimensions



Std. port	Unit	Ball port	A		B		C	D	H	S	W		M	N	P	F	TxL	Weight kg/lb		Kv Cv
			150	300	150	300					150	300						150	300	
DN15	mm	14.30	108.00	139.70	49.00	60.00	29.40	40.40	92.00	151.00	89.00	95.00	5.54	1/8" UNF	6.65 (F03)	36.00	M5x10	2.70	4	28
1/2"	inch	0.56	4.25	5.50	1.93	2.36	1.16	1.59	3.62	5.94	3.50	3.74	0.22	1/8" UNF	0.26	1.42	M5x10	6.00	9	32
DN20	mm	20.65	117.00	152.00	58.00	65.00	38.20	55.70	103.50	170.00	98.00	117.00	7.54	1/8" UNF	7.40 (F04)	42.00	M5x10	4.00	5	46
3/4"	inch	0.81	4.61	5.98	2.28	2.56	1.50	2.19	4.07	6.69	3.86	4.61	0.30	1/8" UNF	0.29	1.65	M5x10	8.80	12	53
DN25	mm	25.50	127.00	165.00	55.00	73.00	42.65	60.20	108.00	170.00	108.00	124.00	7.54	7/16" UNF	7.40 (F04)	42.00	M5x10	5.40	7	80
1"	inch	1.00	5.00	6.50	2.17	2.87	1.68	2.37	4.25	6.69	4.25	4.88	0.30	7/16" UNF	0.29	1.65	M5x10	11.90	15	93
DN40	mm	38.10	165.00	190.00	68.00	80.40	48.20	77.70	124.00	220.50	127.00	156.00	8.71	1/2" UNF	8.50 (F05)	50.00	M6x12	7.20	10	220
1 1/2"	inch	1.50	6.50	7.48	2.68	3.17	1.90	3.06	4.88	8.68	5.00	6.14	0.34	1/2" UNF	0.33	1.97	M6x12	15.90	23	255

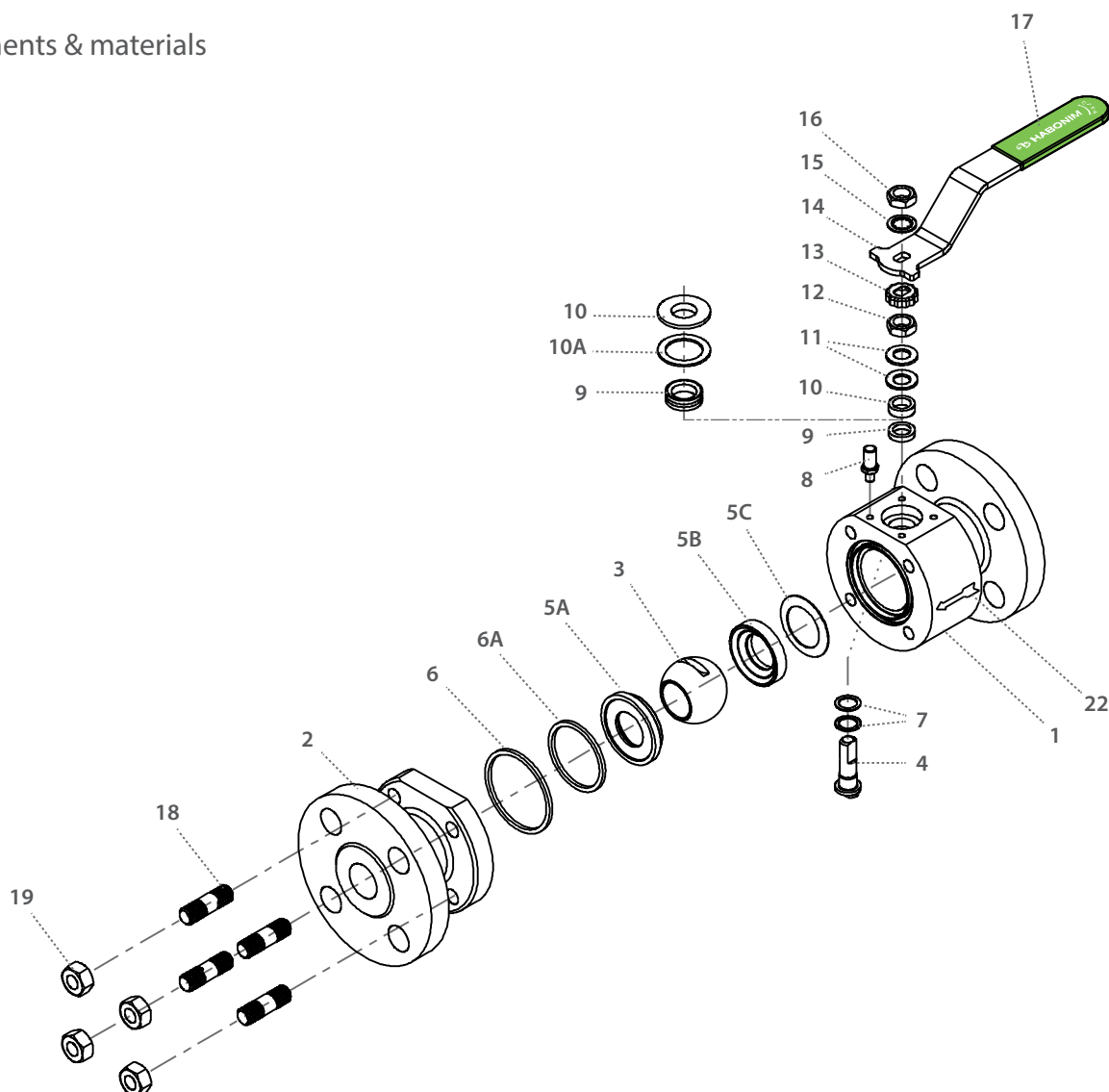
Z73W**Z74W****Z73P****Z74P**

1/2"-1 1/2" | DN15-DN40
CLASS 150/300



Floating Ball Flanged Up to **W** 260°C (500°F) | **P** 400°C (750°F)

Components & materials



Item	Description	Material specification	Qty.
1	Body	Acc. Ordering Code	1
2	End	Acc. Ordering Code	1
3	Ball	Acc. Ordering Code	1
4	Stem	Acc. Ordering Code	1
5A	Upstream seat	Acc. Ordering Code	1
5B	Downstream seat	Acc. Ordering Code	1
5C	Upstream disc spring	Inconel 718	1
6*	Body seal	Graphite	1
6A*	Seat seal	Graphite	1
7*	Stem thrust seal	A479 316L Hardened with LTPN, B637 N07718 Inconel 718, Virgin peek,PCTFE	2
8	Stop pin	S. Steel	1
9*	Stem seal	Graphite, CF PTFE, TFM	1
10	Follower	S. Steel	1

Item	Description	Material specification	Qty.
10A*	Slide Bearing	S. Steel	1
11	Disc spring	S. Steel	2
12	Stem nut	S. Steel	1
13	Locking clip	S. Steel	1
14	Handle	S. Steel	1
15	Serrated washer	S. Steel	1
16	Handle nut	S. Steel	1
17	Sleeve	PVC	1
18	Body bolts/studs	S. Steel	4
19	Body nut	S. Steel	4
22	Arrow flow	S. Steel	1
23	Tag (not shown)	S. Steel	1

* Repair kit components

Z73W

Z74W

Z73P

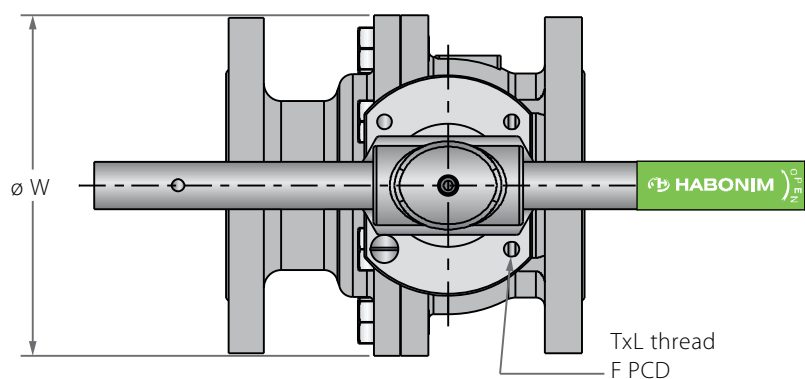
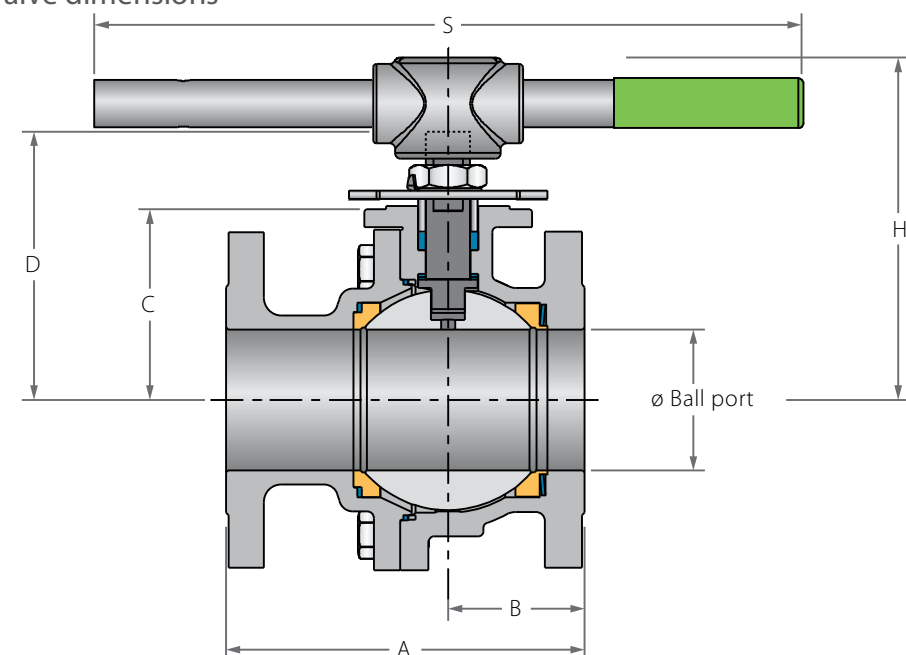
Z74P

2"-8" | DN50-DN200

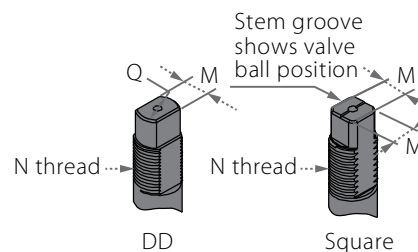
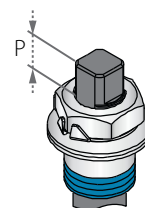
CLASS 150/300

Floating Ball Flanged Up to **W** 260°C (500°F) | **P** 400°C (750°F)

Valve dimensions



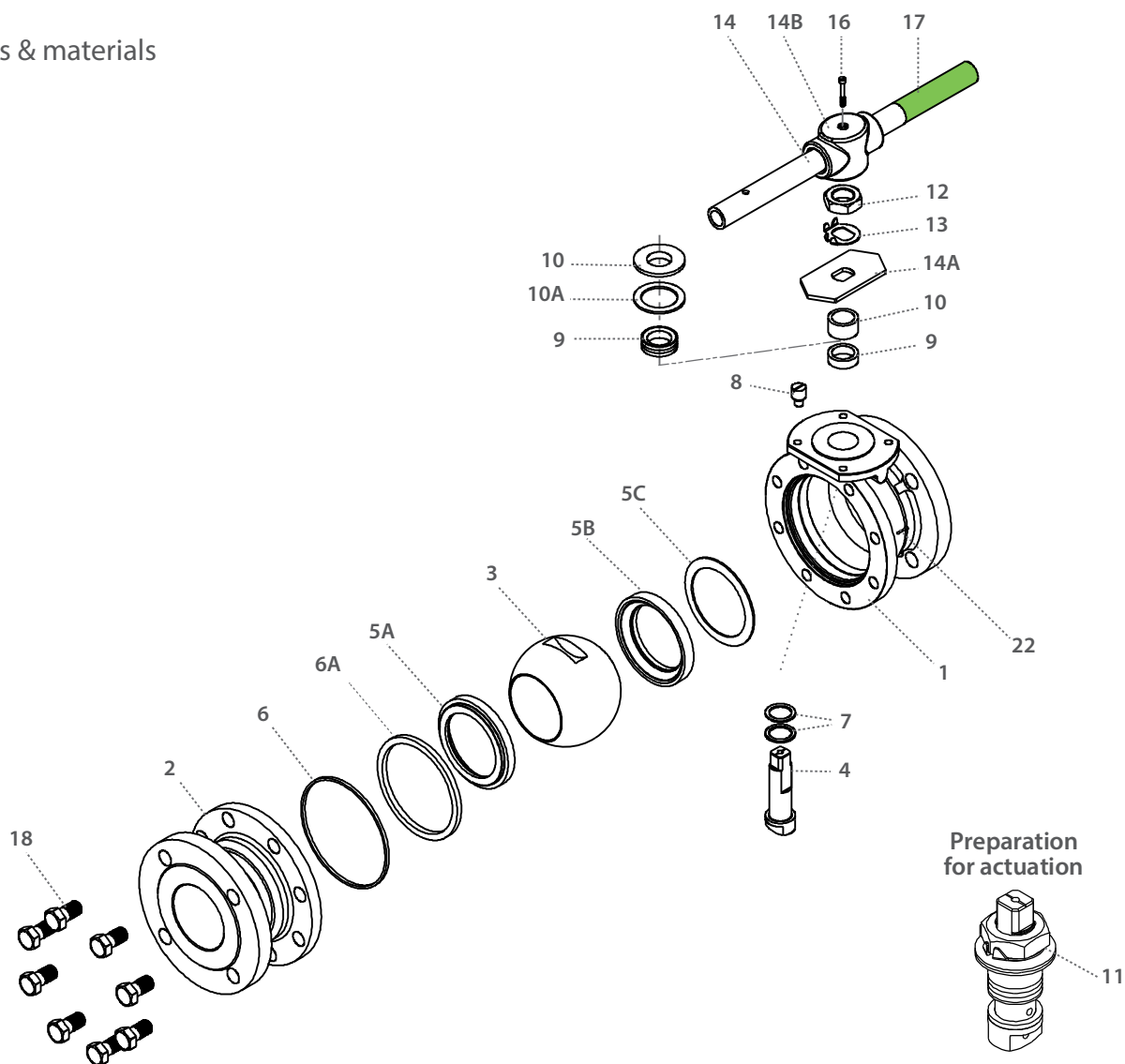
Preparation for actuation



Std. port	Unit	Ball port	A		B		C	D	H	S	W		M	M (DD)	Q	N	P	F	TxL	Weight kg/lb		Kv Cv
			150	300	150	300					150	300								150	300	
DN50	mm	50.05	178.00	216.00	69.00	75.10	70.00	111.60	137.30	256.00	152.00	165.00	-	13.90	20.00	M20x2.5	14.60 (F07)	70.00	M8X12	11	14	430
2"	inch	1.97	7.01	8.50	2.72	2.96	2.76	4.39	5.41	10.08	5.98	6.50	-	0.55	0.79		0.57	2.76		25	31	499
DN80	mm	80.00	203.00	282.50	77.50	96.40	108.00	154.60	194.80	610.00	191.00	210.00	18.90	15.90	22.70	1"-14	16.70 (F10)	102.00	M10X20	22	28	1000
3"	inch	3.15	7.99	11.12	3.05	3.80	4.25	6.09	7.67	24.00	7.52	8.27	0.74	0.63	0.89	UNF-2A	0.66	4.02		48	62	1160
DN100	mm	100.00	228.50	304.80	84.50	104.50	124.00	210.80	-	-	230.00	254.00	18.90	15.90	22.70	1"-14	16.70 (F10)	102.00	M12X20	39	44	1830
4"	inch	3.94	9.00	12.00	3.33	4.11	4.88	8.30	-	-	9.06	10.00	0.74	0.63	0.89	UNF-2A	0.66	4.02		86	98	2123
DN150	mm	150.00	394.00	403.50	163.50	174.50	179.00	248.50	-	-	328.00	328.00	28.45	23.75	35.20	1½"-12	26.20 (F12)	125.00	M12x20	82	100	4380
6"	inch	5.91	15.51	15.89	6.44	6.87	7.05	9.78	-	-	12.91	12.91	1.12	0.94	1.39	UNF-2A	1.03	4.92		181	220	5081
DN200	mm	200.00	457.20	501.80	242.50	240.70	241.00	353.70	-	-	450.00	450.00	35.92	35.92	46.50	2"-8	37.50 (F14)	140.00	M16X30	190	225	8070
8"	inch	7.87	18.00	19.75	9.55	9.48	9.49	13.93	-	-	17.72	17.72	1.41	1.41	1.83	UN-2A	1.48	5.51		419	496	9361

Z73W**Z74W****Z73P****Z74P**2"-8" | DN50-DN200
CLASS 150/300Floating Ball Flanged Up to **W** 260°C (500°F) | **P** 400°C (750°F)

Components & materials



Item	Description	Material specification	Qty.
1	Body	Acc. Ordering Code	1
2	End	Acc. Ordering Code	1
3	Ball	Acc. Ordering Code	1
4	Stem	Acc. Ordering Code	1
5A	Downstream seat	Acc. Ordering Code	1
5B	Upstream seat	Acc. Ordering Code	1
5C	Upstream disc spring	Inconel 718	1
6*	Body seal	Graphite	1
6A*	Seat seal	Graphite	1
7*	Stem thrust seal	A479 316L Hardended with LTPN, B637 N07718 Inconel 718, Virgin peek, PCTFE	2
8	Stop pin	S. Steel	1
9*	Stem seal	Graphite, CF PTFE, TFM	1
10	Follower	S. Steel	1

Item	Description	Material specification	Qty.
10A*	Slide Bearing	S. Steel	1
11	Disc spring	S. Steel	2
12	Stem nut	S. Steel	1
13	Tab lock washer	S. Steel	1
14**	Handle	S. Steel	1
14A	Stop plate	S. Steel	1
14B	Wrench head	S. Steel	1
16	Wrench bolt	S. Steel	1
17	Sleeve	PVC	1
18	Body bolts	S. Steel	8-12
22		S. Steel	1
23	Tag (not shown)	S. Steel	1

* Repair kit components

** Gear operator should be used for size 4" DN100 and above (handle components are not included)