

3 PC FULL PORT 1000 CWP

Features:

- 1000 PSI CWP Non-Shock
- 150 PSI WSP
- Full Port
- Blow-out Proof Stem
- Adjustable Packing
- Investment Cast Body
- End Connections
 - Threaded
 - Socket Weld
- Stainless Steel Handle
- Locking Lever
- RTFE Seats
- Vented Ball
- Manufactured Silicone Free
- Replacement Locking Handle Kits Available
- Optional Stem Extension Kit (Uses Existing Valve Handle)(1/4"~2")
- Optional Oval Handle Kit (1/4"~2")

Standards:

- Design: ASME B16.34, MSS SP-110
- NACE MRO103 and MRO175 Approved
- End Connections:
 - NPT - ASME B1.20.1
 - SW - ASME B16.11
- Seat/Shell Test: MSS SP-110

Figure Number Matrix

FNW 310A Ends Size		
END CODE	SIZE CODE	
Blank = Threaded NPT	1/4 = B	1-1/4 = H
SW = Socket Weld	3/8 = C	1-1/2 = J
	1/2 = D	2 = K
	3/4 = F	2-1/2 = L
	1 = G	3 = M

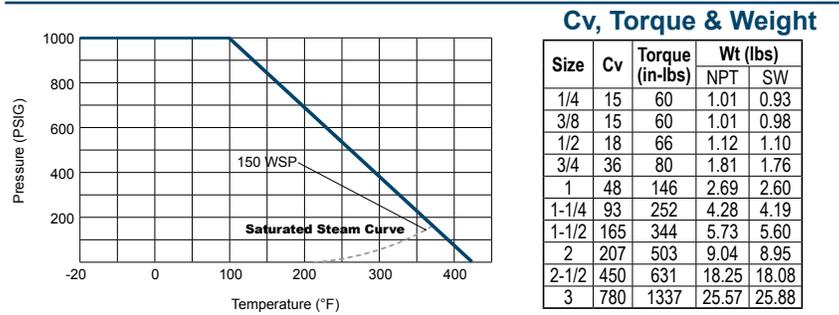
Note: For 4" valves, use FNW Figure number 310AM

Kit Codes (Order Separately)

FNW 310A Kit Size		
KIT TYPE	SIZE CODE	
Locking Handle = LHK	1/4"~1/2" = BD	
Stem Extension = SEK	3/4" = F	
Oval Handle = OH	1"~1-1/4" = GH	
	1-1/2"~2" = JK	
	2-1/2"~3" = LM	



Replacement Locking Handle Kits (1/4"~3") Stem Extension Kits (1/4"~2") Oval Handle Kits (1/4"~2")



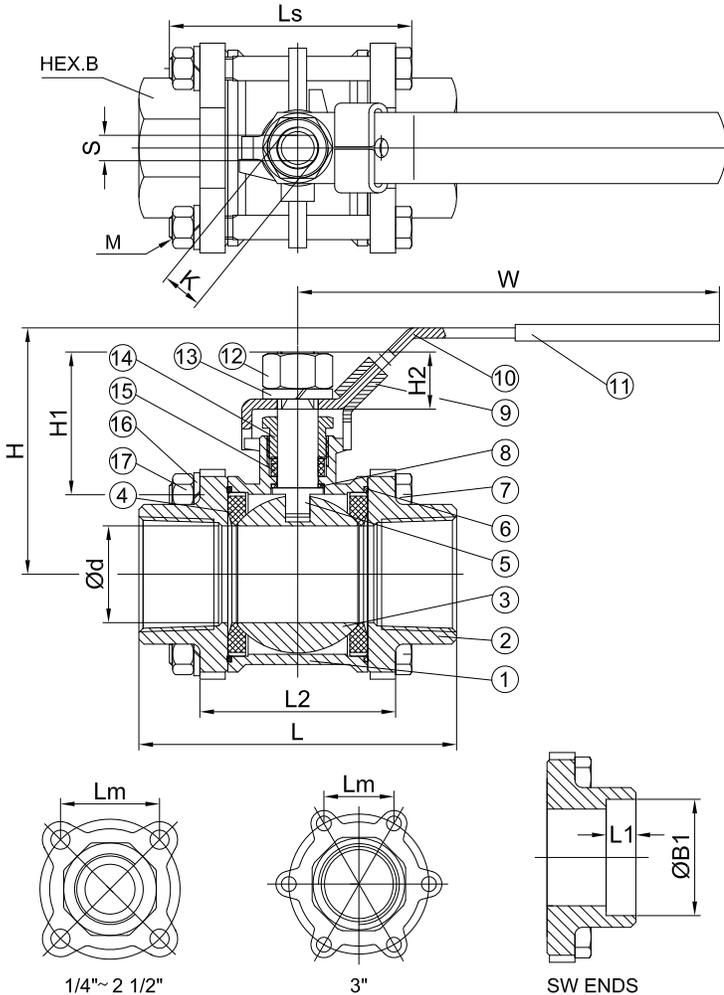
Repair Kits (Order Separately)

FNW 310ARK		
Size	Size	
1/4"~3/8" = BC	1-1/2" = J	
1/2" = D	2" = K	
3/4" = F	2-1/2" = L	
1" = G	3" = M	
1-1/4" = H		

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Standard Materials

Ref. No.	Description	Material	Qty
1	Body	ASTM A351 Gr. CF8M Stainless	1
2	End Cap	NPT	ASTM A351 Gr. CF8M Stainless
		SW	ASTM A351 Gr. CF3M Stainless
3	Ball	316SS Stainless	1
4	Seat	RTFE	2
5	Stem	316SS Stainless	1
6	Body Gasket	PTFE	2
7	Body Bolt	1/4"~2-1/2"	ASTM A193-B8 Stainless
		3"	
8	Thrust Washer	PTFE	1
9	Locking Device	304SS Stainless	1
10	Handle	304SS Stainless	1
11	Handle Sleeve	Vinyl Plastic	1
12	Stem Nut	ASTM A194-8 Stainless	1
13	Stem Washer	304SS Stainless	1
14	Gland Nut	304SS Stainless	1
15	V-Ring Packing	PTFE	1 Set
16	Bolt Washer	1/4"~2"	SUS304 Stainless
		2-1/2"	
		3"	
17	Bolt Nut	1/4"~2"	ASTM A194-8 Stainless
		2-1/2"	
		3"	



Dimensions (inches)

SIZE	Ød	L	Lm	H1	H2	H	W	S	K (UNC)	Ls	L2	M (UNC)	B	L1	ØB1
1/4	0.42	2.57	1.14	1.20	0.43	2.26	3.94	0.197	5/16-18	1.98	1.46	1/4-20	0.93	0.39	0.56
3/8	0.47	2.57	1.14	1.20	0.43	2.26	3.94	0.197	5/16-18	1.98	1.46	1/4-20	0.93	0.39	0.69
1/2	0.59	2.74	1.21	1.11	0.38	2.26	3.94	0.197	5/16-18	2.13	1.63	1/4-20	1.10	0.39	0.86
3/4	0.79	3.15	1.52	1.30	0.49	2.50	5.08	0.256	3/8-16	2.44	1.82	5/16-18	1.36	0.51	1.07
1	0.98	3.54	1.76	1.61	0.62	2.97	6.14	0.314	7/16-14	2.79	2.10	5/16-18	1.65	0.51	1.34
1-1/4	1.26	4.33	2.13	1.61	0.55	3.19	6.14	0.314	7/16-14	3.37	2.68	3/8-16	2.05	0.63	1.69
1-1/2	1.50	4.72	2.42	2.12	0.89	3.70	7.19	0.394	5/8-11	3.81	3.05	3/8-16	2.30	0.63	1.93
2	1.97	5.51	2.95	2.19	0.89	4.11	7.19	0.394	5/8-11	4.36	3.59	3/8-16	2.81	0.67	2.42
2-1/2	2.50	7.28	3.62	2.69	0.93	5.16	9.92	0.472	3/4-10	5.91	4.36	9/16-12	3.41	0.67	2.91
3	2.99	8.07	2.93	2.75	0.93	5.47	9.92	0.472	3/4-10	6.50	4.93	9/16-12	3.98	0.67	3.54

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