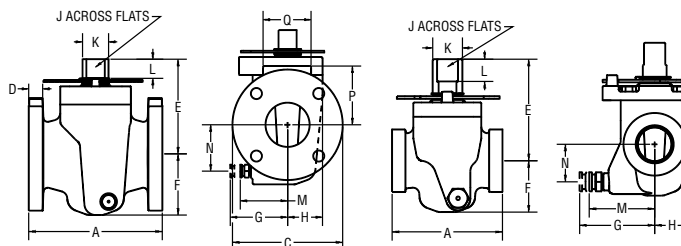


Super Nordstrom Two-Bolt Cover-Type Iron Plug Valve

Regular Pattern

200 CWP (13.8 bar)
400 psig (27.6 bar) Test

Figure 114 Threaded, Wrench Operated, Sizes ½ to 3
Figure 115 Flanged, Wrench Operated, Sizes 1 to 4



Nominal Valve Size	NPS	½	¾	1	1½	2	2-½	3	4
	DN	15	20	25	40	50	65	80	100
End-to-end, Fig. A114	A	3.75 95	3.75 95	4.38 111	5.13 130	6.50 165		8.06 205	
End-to-end, Fig. A115	A			5.50 140	6.50 165	7.50 191	8.25 210	9.00 229	9.00 229
Diameter of Flange	C			4.3 109	5.0 127	6.0 152	7.0 178	7.5 191	9.0 229
Thickness of Flange	D			.50 13	.63 16	.69 18	.75 19	.81 21	1.00 25
Center to Top	E	3.9 98	3.9 98	3.9 98	4.8 120	4.8 120	5.6 142	6.3 160	7.1 180
Center to Bottom	F	1.9 49	1.9 49	1.9 49	2.4 60	2.4 60	2.5 62	4.0 103	4.6 117
Removal Clearance	G	3.4 86	3.4 86	3.4 86	3.6 92	3.6 92	3.6 92	3.6 92	4.0 101
Center to Back	H	1.3 33	1.3 33	1.3 33	1.6 40	1.6 40	2.0 50	2.4 60	2.7 69
Width of Flat	J	.81 21	.81 21	.81 21	1.00 25	1.00 25	1.25 32	1.25 32	1.38 35
Diameter of Shank	K	1.06 27	1.06 27	1.06 27	1.38 35	1.38 35	1.75 44	1.75 44	1.94 49
Height of Flat	L	.9 22	.9 22	.9 22	1.0 25	1.0 25	1.3 33	1.3 33	1.5 38
Center to Fitting	M	2.9 74	2.9 74	2.9 74	3.2 80	3.2 80	3.1 79	3.2 80	3.5 89
Center to Fitting	N	1.4 35	1.4 35	1.4 35	1.7 44	1.7 44	2.6 67	3.1 79	3.5 90
Center to Top of Pad (Flange End Only)	P			2.25 57	2.52 64	3.10 79	3.56 93	3.75 95	4.50 114
Length of Actuator Pad (Flange End Only)	Q			2.62 67	3.16 80	3.16 80	3.65 93	3.65 93	6.00 152
Wrench	-	SN-1	SN-1	SN-1	SN-2	SN-2	SN-4*	SN-4*	M-9
Length of Wrench	-	7.0 178	7.0 178	7.0 178	10.5 267	10.5 267	15.0 381	15.0 381	21.0 533
Weight (Approx.) Fig. A114	-	7 3	7 3	7 3	12 5	14 6		44 20	
Weight (Approx.) Fig. A115	-			10 4	17 8	21 10	38 17	55 25	79 36

* Use the longer SN-3 wrench for valves in cold climates such as Canada.

Flanges are drilled to ASME Class 125 Cast Iron Flange Standard Template. For drilling and bolting data, see page 45.

Figures 114 and 115 valves conform to the following standards where applicable: ASME B1.20.1; ASME B16.1; ASME B16.10 ASME B16.33, ASME B16.38, CGA 3.11, 10 CFR 49 Part 192, MSS SP-25, MSS SP-6; API 5B; ASME A126, Class B; and MSS SP-78. See 38 for details.

NOTE: Figures 114 and 115 are also Factory Mutual approved. See page 39 for further details.