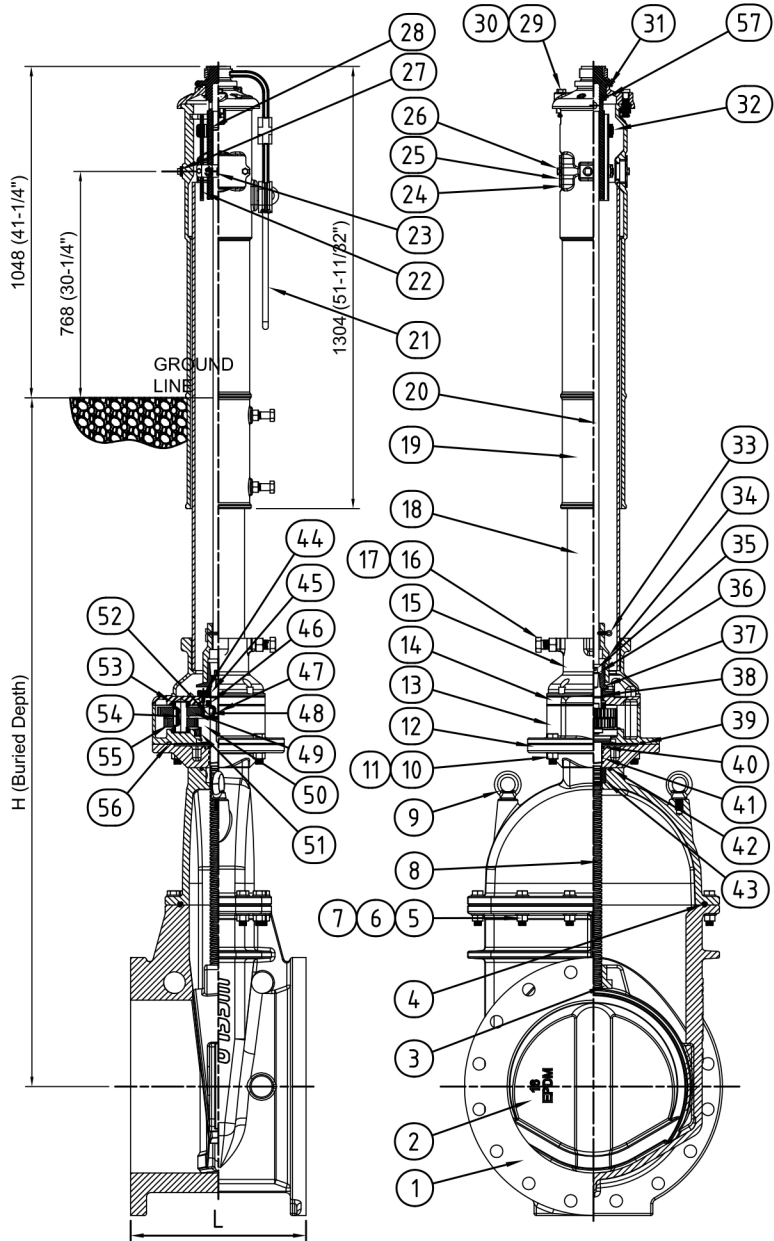


GEAR DRIVEN VERTICAL INDICATOR POST



Specifications:

1. Resilient Seated Gate Valves are in accordance with ANSI / AWWA C515 Standard.
2. Body, bonnet, and wedge of the gate valve shall be of high strength ductile-iron, ASTM A536, Grade 65-45-12.
3. Valves Fusion Bonded Epoxy Coated Interior and Exterior, ANSI / AWWA C550. Certified to NSF-372 Standard.
4. Stuffing Box Gland shall have a minimum of three (3) O-rings capable of replacement under pressure while gate is in the full open position.
5. EPDM O-ring Seals shall be located between Stuffing Box Gland, Bonnet, and Body.
6. Operating Stem shall be 431 Stainless Steel with (3) Machined Grooves located just above the Lower Stem O-ring to accept and mate with a 2-piece Brass Split Ring. The design of the Stem and Split Ring will eliminate any upward or downward operating thrust on any Iron service.
7. Underwriters Laboratories Listed with a Pressure Rating of 250 psi for 14" - 16" - 18" sizes, and 200 psi for 20" - 24" sizes.
8. Built-In Gear Driven Indicator Post is Patent Pending.

Vertical Indicator Post (Field Adjustment):

1. Remove the top section from the top of the Indicator Post assembly.
2. Cut the required stem length and adjust the Standpipe to match the groundline.
3. Set the "OPEN" and "SHUT" targets for the appropriate valve size.
4. Reattach the top section to the top of the Indicator Post assembly.
5. Design and material are subject to change without notice.

Size	L		H (Bury Depth Range)			
	mm	inch	Min.		Max.	
			mm	inch	mm	inch
14"	381	15	1230	48.4	2106	82.9
16"	406	16	1298	51.1	2174	85.6
18"	432	17	1412	55.6	2290	90.1
20"	457	18	1486	58.5	2362	93.0
24"	508	20	1623	63.9	2500	98.4

Material Specifications		
Item	Description	Materials
1	Body	Ductile Iron, ASTM A536 65-45-12
2	Wedge	Ductile Iron, EPDM Encapsulated
3	Stem Nut	Bronze, ASTM C95200
4	Gasket	EPDM
5	Bonnet Bolts	Carbon Steel, ASTM A307B
6	Nuts	Carbon Steel, ASTM A307B
7	Washers	Carbon Steel, Zinc Plated
8	Stem	Stainless Steel, AISI 431
9	Eyebolts	Carbon Steel, Zinc Plated
10	Bolts	Carbon Steel, ASTM A307B
11	Nuts	Carbon Steel, ASTM A307B
12	Post Plate	Ductile Iron, ASTM A536 65-45-12
13	Housing	Cast Iron, ASTM A126 Class B
14	Housing Cover	Cast Iron, ASTM A126 Class B
15	Base Flange	Cast Iron, ASTM A126 Class B
16	Bolts	Carbon Steel, ASTM A307B
17	Nuts	Carbon Steel, ASTM A307B
18	Standpipe	Carbon Steel, ASTM A53
19	Post Body	Cast Iron, ASTM A126 Class B
20	Stem	Carbon Steel, AISI 1045
21	Wrench	Ductile Iron, ASTM A536 65-45-12
22	Target Carrier Nut	Stainless Steel, AISI 304 or Bronze, ASTM B62 C83600
23	Target (Shut)	Cast Aluminium
24	Gasket	NBR
25	Window Glass	Plexiglass
26	Bolts	Carbon Steel, Zinc Plated
27	Plug	Malleable Iron
28	Operating Nut	Stainless Steel, AISI 304 or Bronze, ASTM B62 C83600
29	Bolts	Carbon Steel, ASTM A307B
30	Square Nuts	Carbon Steel, ASTM A307B
31	Top Cover	Cast Iron, ASTM A126 Class B
32	Target (Open)	Cast Aluminium
33	Cotter Pin	Stainless Steel, AISI 304
34	Crane Coupling	Ductile Iron, ASTM A536 65-45-12
35	Bolt	Carbon Steel, Zinc Plated
36	Washer	Carbon Steel, Zinc Plated
37	Dustproof Ring	NBR
38	O-Ring	NBR
39	O-Ring	EPDM
40	Dustproof Ring	NBR
41	O-Ring	EPDM
42	O-Ring	EPDM
43	Thrust Collar	Bronze, ASTM C95200
44	Bolts	Carbon Steel, Zinc Plated
45	Gland	Stainless Steel, AISI 420
46	Bearing	Bearing Steel
47	Input Stem	Stainless Steel, AISI 420
48	Input Gear	Carbon Steel, AISI 1045
49	Gear - 1	Ductile Iron, ASTM A536 65-45-12
50	Out put Gear	Carbon Steel, AISI 1045
51	Bearing	Bearing Steel
52	Snap Ring	Stainless Steel, AISI 304
53	Bearing	Bearing Steel
54	Shaft	Stainless Steel, AISI 420
55	Gear - 2	Ductile Iron, ASTM A536 65-45-12
56	O-Ring	EPDM
57	Snap Ring	Stainless Steel, AISI 304

14"-24" POST INDICATOR VALVE ASSEMBLY-GEARED POST

F1211-200&250



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