

VERTICAL TYPE INDICATOR POST

MODEL: ZSQ

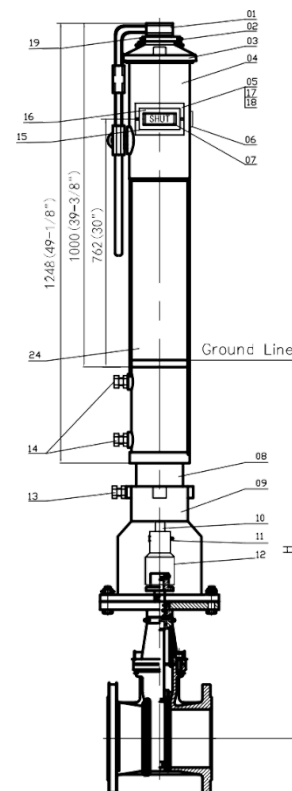
TECHNICAL FEATURES

- **Approval:** UL, ULC & FM
- Upright Style
- **Conforms** to UL789 & ULC / ORD-C789 & FM1110.
- **Adjustable buried length:** 570mm to 1500mm
- Used to identify the position of buried Gate
- Valves from 4" to 12"
- Indicator includes wall type and underground indicator post
- Mounted with firefighting gate valve to indicate the valve switch position on ground or through wall of building.
- The indicator and valve connected to control water supplying to firefighting pouring, spraying, foam and standpipe system.
- The most important feature of the indicator post is the target indicator.
- Indication whether the valve is opened or closed in a distance
- The indicator post has good sealing performance.
- Spray water to the indicator at 0.6in/min (15mm/min), there is no water coming into the indicator post.
So can protect the valve from the damage of the heavy rain.
- The indicator post can bear 1220N.M torque on both clockwise or anticlockwise direction.



MATERIAL LIST

NO.	NAME	MATERIAL	Standard
1	Handle Locking Wrench	Ductile Iron	ASTM A536 Grade
2	Driving Rod	Stainless Steel SS304	ASTM A276
3	Indicator Cover	Cast Iron	ASTM A126 Class B
4	Housing	Cast Iron	ASTM A126 Class B
5	Keyhole Plate	A283 Grade C	ASTM A36
6	Indicator Plate	A143.0	ASTM S12A
7	Screwed Plug	Carbon Steel 1035	ASTM A29
8	Extension Rod	A283 Grade C	ASTM A36
9	Flange	Cast Iron	ASTM A126 Class B
10	Connecting Rod	Carbon Steel 1045	ASTM A29
11	Cotter Pin	Carbon Steel 1035	ASTM A29
12	Joint	Cast Iron	ASTM A126 Class B
13	Bolt	Carbon Steel 1035	ASTM A29
14	Bolt	Carbon Steel 1035	ASTM A29
15	Bolt	Carbon Steel 1035	ASTM A29
16	Driving Nut	Stainless Steel SS304	ASTM A276
17	Keyhole Plate Gasket	EPDM	ASTM D2000
18	Indicator Flap	Organic Glass	
19	Bolt	Carbon Steel 1035	ASTM A29



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OPERATION MANUAL

- Remove the indicator cover bolt, pick out the driving device (as figure one) of indicator.
- Adjust the center distance between "open" and "close" indicator plate according to the rotated circles "Q" from full opening to full closing of gate valve, $L=2.5X Q$, unit millimeter (mm).
- Install the driving device onto indicator and fasten the bolt and nut. Rotate the driving rod to make the (SHUT) in middle of window.
- Cut off the excess driving rod and connecting pipe according to the height H from center of pipeline to ground line.
- Close the gate valve, then assembly the driving rod, connecting pipe and bottom flange as figure 2, then mount on gate valve.
- Install the indicator cover.

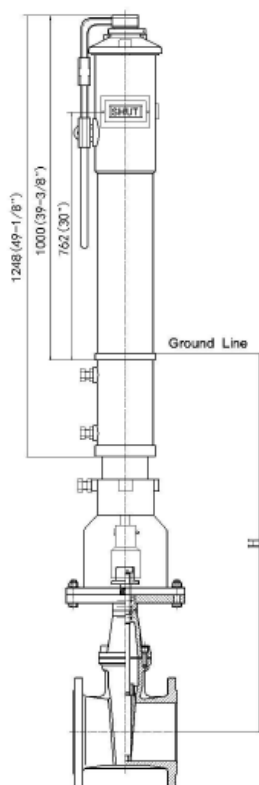


Figure 2

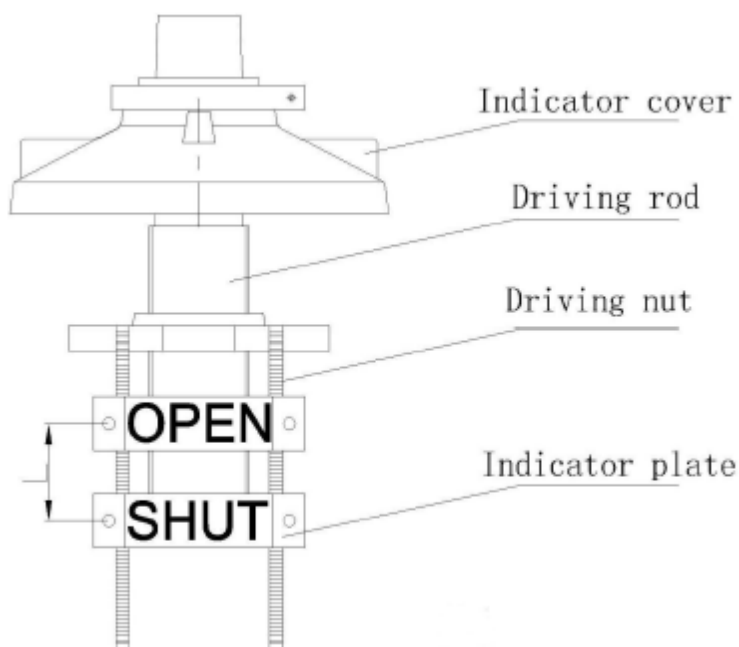


Figure 1

DIMENSIONS

DIMENSIONS—WEIGHTS

Size		H (mm) 300 psi		H (mm) 200 psi		Weight (Kg)
Inch	mm	Min.	Max.	Min.	Max.	
4	100	825	1755	850	1780	39
6	150	926	1856	917	1847	69
8	200	1012	1942	1022	1952	115
10	250	1108	2038	1115	2045	150
12	300	1188	2118	1204	2134	215