

## 2.7// BURIED GATE VALVE FOR UNDERGROUND APPLICATION (SKYSMZ45X62)

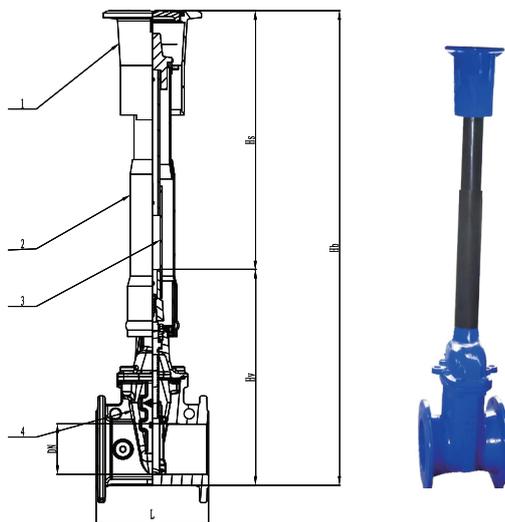
### FEATURES

**Connection Ends:** BS EN 1092-2 PN10/16

**Working Pressure:** PN10/16

**Temperature Range:** 0°C - 80°C

**Coating:** Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550



### MATERIAL SPECIFICATIONS

No.	Part Name	Material	No.	Part Name	Material
1	Valve Box	EN-GJS-450-10	3	Square Tube	35# Steel
2	Boot Cap	PVC-U	4	Gate Valve	Refer to the material specification of Model Z45X62

Note: For special material request other than standard specification, please indicate clearly on the inquiry or order list.

### DIMENSIONS

DN		Dimensions (mm)	
Inch	mm	L	Hv
2"	50	178	190
2.5"	65	190	223
3"	80	203	274
4"	100	229	304
5"	125	254	362
6"	150	267	433
8"	200	292	572
10"	250	330	700
12"	300	356	818
14"	350	381	990
16"	400	406	1040

Height Hs (±5mm)	Expansion capacityΔH (±5mm)
400~500	50
470~590	120
500~650	150
600~850	250
800~1250	450
1200~2050	850
1600~2850	1250
2000~3650	1650
Fixed height, Hs according to customer demand	

- The sign in the diagram: Hb-the depth of the pipe, that is, the depth of the pipe to the ground, is determined by the customer according to the design or field requirements. Unit mm.
- Hv- valve height, that is, the height of the bottom of the pipe to the bottom of the extension rod, as shown in Table 1, unit mm.
- Hs - rod height, i.e., the height of the bottom of the extended rod to the ground, as shown in Table 2, unit mm.
- Height calculation method:  $Hb = Hv + Hs$ ,  $Hs > 300mm$ .