



## AVK UNDERGROUND HYDRANT, PN 16

35/81-010

### Additional ball shut-off (L7)

AVK S.35 underground hydrants are equal to high quality in every detail and meet or exceed the requirements of DIN/EN14339. The hydrants are available with either single shut-off or double shut-off system for a continued sealing of the hydrant during maintenance. The shutoff plug is vulcanized with PUR (Polyurethane) for maximum memory effect. The automatic drainage system secures total emptying of the hydrant after use.

#### Product description:

Underground fire hydrant to EN 14339 - with additional ball shut off (L7) for drinking water and neutral liquids to max. 60° C

#### Standards:

- Designed according to EN 1074-6:2008, Designed according to EN 14339:2005
- Flange drilling to EN1092, PN10/16

#### Test/Approvals:

- Hydraulic test according to EN 1074-6
- Belgaqua approved material
- Approved according to CE Reg. No. 0620-CPR-6122
- Approved according to DIN-DVGW Certificate NW-6401CL0042

#### Features:

- Frost-proof automatic drainage in flush proof design.
- Radial sealing valve seat of dezincification resistant brass.
- Disc with ductile iron core coated with PUR (Polyurethane) for maximum memory effect.
- Stem bearing with polyamide antifriction washer secures an easy and smooth operation.
- Blue epoxy coating to DIN 3476-1, GSK approved. Alternatively with inside and/or outside enamel to DIN EN ISO 11177.
- Fully vulcanized ball sealing gasket.
- Additional ball shut-off for easy maintenance at the hydrant.
- Kv value: 146 m<sup>3</sup>/h.
- Drainage: Residual flow: 11 ml. Time for drainage 41 sec.
- Operating force resistance: MOT = 105 Nm, MST = 210 Nm.

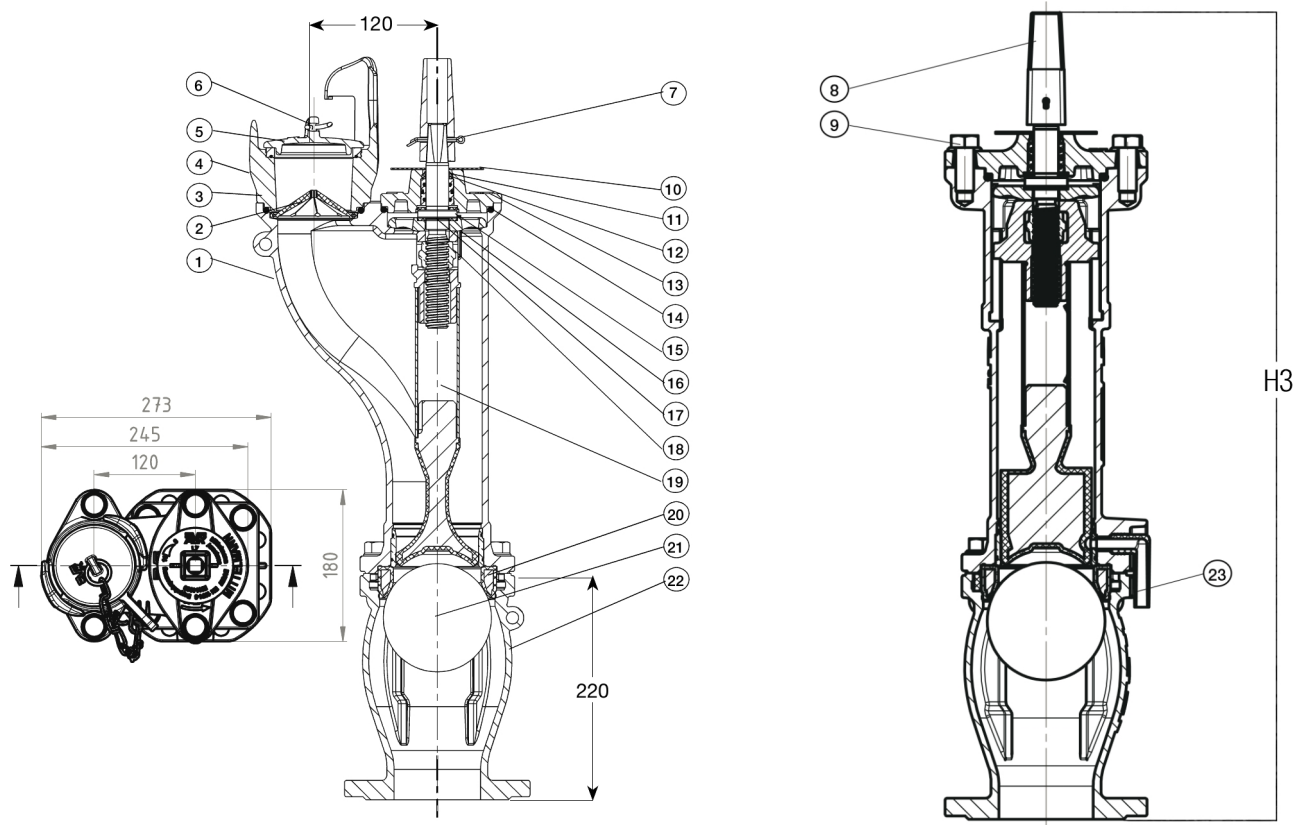
#### Accessories:

Flexdrain, operating T-key



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The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product range.


**Component list:**

1. Body	Ductile iron GJS-400-15	13. Bonnet	Ductile iron GJS-400-15
2. Leaf membrane	EPDM rubber	14. O-ring	EPDM rubber
3. O-ring	EPDM rubber	15. Washer	POM
4. Bayonet	Ductile iron GJS-400-15	16. Stem support	Ductile iron GJS-400-15
5. Outlet cap	Cast iron GJL-250 (GG-25)	17. Stem	Stainless steel 1.4021
6. Chain w. ring	Steel, galvanized	18. Stem nut	Brass
7. Split pin	Stainless steel	19. Operation pipe	Stainless steel
8. Stem square cap	Ductile iron GJS-400-15	20. Main seal ring	Ductile iron, EPDM encapsulated
9. Bolt	Stainless steel	21. Ball	PP
10. Identifier disc	Plastic	22. Ball chamber	Ductile iron GJS-400-15
11. Wiper ring	NBR rubber	23. Drain pipe	Polyamide
12. O-ring	EPDM rubber		

Components may be substituted with equivalent or higher class materials without prior notification.

**Reference nos. and dimensions:**

AVK ref. no.	DN mm	Pipe cover mm	Theoretical weight/kg	H3 mm
35-080-81-11015 (1)	80	800	27	547
35-080-81-11020 (2)	80	800	27	547
35-080-81-21015 (1)	80	1000	31	722
35-080-81-21020 (2)	80	1000	31	722
35-080-81-31015 (1)	80	1250	34	972
35-080-81-31020 (2)	80	1250	34	972
35-080-81-41015 (1)	80	1500	38	1222
35-080-81-41020 (2)	80	1500	38	1222

(1) Cover with chain  
(2) Bayonet coupling and self-closing cover