



## AVK HIGH PRESSURE, 250 PSI, DRY BARREL FIRE HYDRANT

27/00

UL/FM approved, modern type

001

AVK dry barrel hydrants are designed with a traffic flange for easy repair after collision. The hydrant's main valve has a ductile iron core which is fully encapsulated in EPDM rubber. The nozzle section can be rotated 360 degrees. The upper section of the hydrant is repairable under pressure.

### Product Description:

Dry barrel hydrant - Modern type to AWWA C502 - UL listed - FM approved for fire protection application

### Standards:

- Designed according to AWWA C502,
- Flange drilling to ANSI B 16.42, class 150

### Test/Approvals:

- Hydraulic test to FM Class 1510, UL 246 and ULC CAN/ULC-5520-M91
- FM Approved. UL and ULC listed.

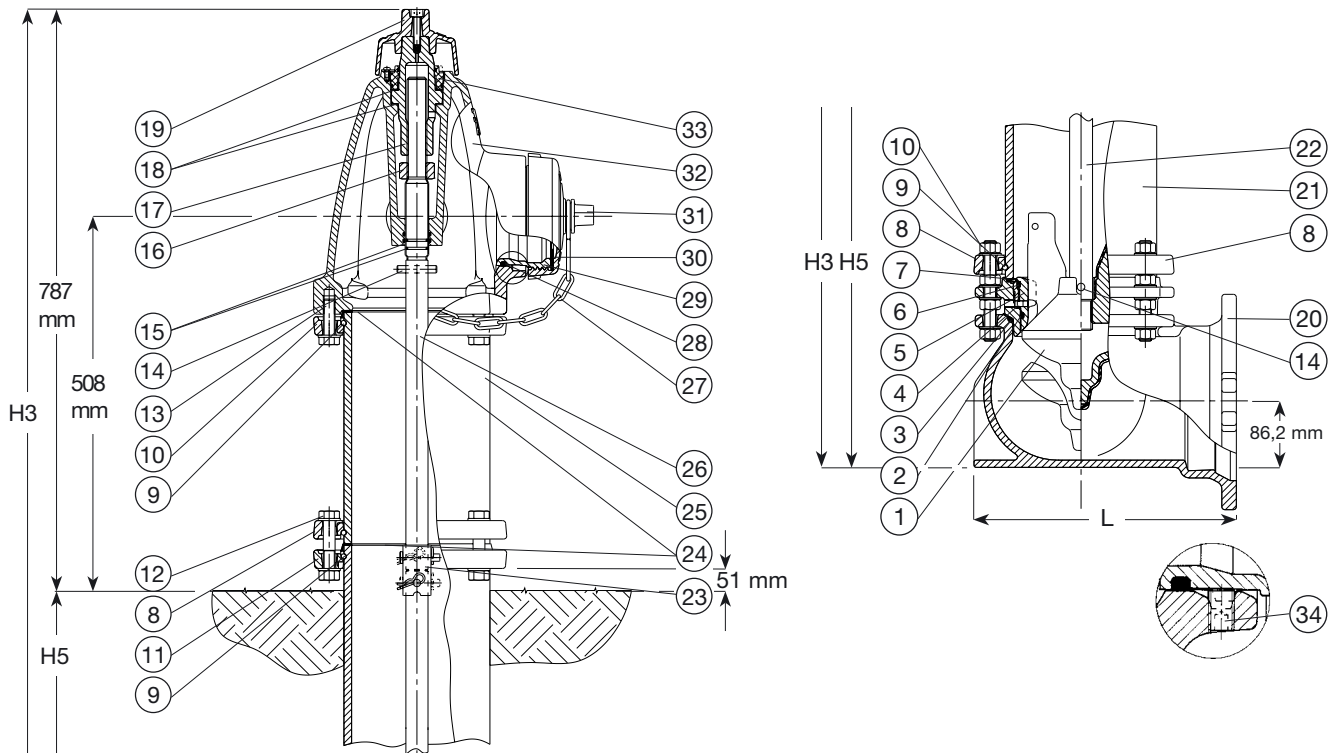
### Features:

- UL/ULC listed and FM approved
- Meets or exceeds AWWA C502 (latest)
- High pressure rating (250 psi)
- 2 x 2.5" NST hose nozzles + 1 x 4" NST pumper nozzle
- The breakable flange and stem rod coupling ensure no leaking and easy repair at traffic knock down
- Ductile iron nozzle section, barrel section, bonnet, and base
- 5.25" valve opening for high flow rating
- Hydrant drain easily plugged if required - may be plugged internally or externally
- Extensions available in lengths from 6" to 60"
- Inlet shoe also available in DN 100, and flange drilling also in PN 10/16 (DN 100 not UL/FM approved)
- 1 1/2" pentagon operating nut
- Epoxy coating according to DIN 30677-2, GSK approved

### Accessories:

Various outlet couplings, landing valves and extension pieces





**Component List:**

1. Main valve disc	Ductile iron w. EPDM rubber	2. Base gasket	NBR rubber
3. Lower seat O-ring	NBR rubber	4. Drain bushing	Bronze
5. Valve seat ring	Bronze	6. Upper seat O-ring	NBR rubber
7. Lower barrel O-ring	NBR rubber	8. Standpipe flange	Ductile iron
9. Lock ring	Stainless steel	10. Thr. rod/nut	Stainless steel
11. Breakable flange	Ductile iron	12. Bolt and nut	Stainless steel
13. Screw	Stainless steel	14. Seat removal/lock pin	Stainless steel
15. O-rings	NBR rubber	16. Stop nut	Zinc plated steel
17. Stem nut	Bronze	18. Anti friction washer	Polyamide
19. Weather shield	Grey cast iron	20. Base	Ductile iron
21. Lower barrel	Ductile iron	22. Lower stem rod	Epoxy coated steel
23. Breakable coupling	Stainless steel	24. Barrel gasket	NBR rubber
25. Upper barrel	Ductile iron	26. Upper stem rod	Stainless steel
27. Cap chain	Plated steel	28. Nozzle O-ring	NBR rubber
29. Nozzle	Bronze	30. Cap gasket	NBR rubber
31. Cap	Cast iron	32. Nozzle section	Ductile iron
33. Thrust nut	Bronze	34. Nozzle lock screw	Stainless steel

**Reference Nos. and Dimensions:**

AVK ref. nos	DN mm	H3 mm	H5 mm	L mm	Theoretic. weight kg
27-00-O0204-00008-CP	150	1701	914	343	154
27-00-O0205-00008-CP	150	1854	1067	343	163

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

AVK ref. nos	DN mm	H3 mm	H5 mm	L mm	Theoretic. weight kg
27-00-O0206-00008-CP	150	2006	1219	343	172
27-00-O0207-00008-CP	150	2159	1372	343	181
27-00-O0208-00008-CP	150	2311	1524	343	190
27-00-O0209-00008-CP	150	2464	1677	343	199
27-00-O0210-00008-CP	150	2616	1829	343	208