



AVK DRY BARREL FIRE HYDRANT, 250 PSI

27/00-001

UL/FM approved, modern type



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/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
- Fusion bonded epoxy coating in compliance with DIN 3476 part 1 and EN 14901, GSK approved

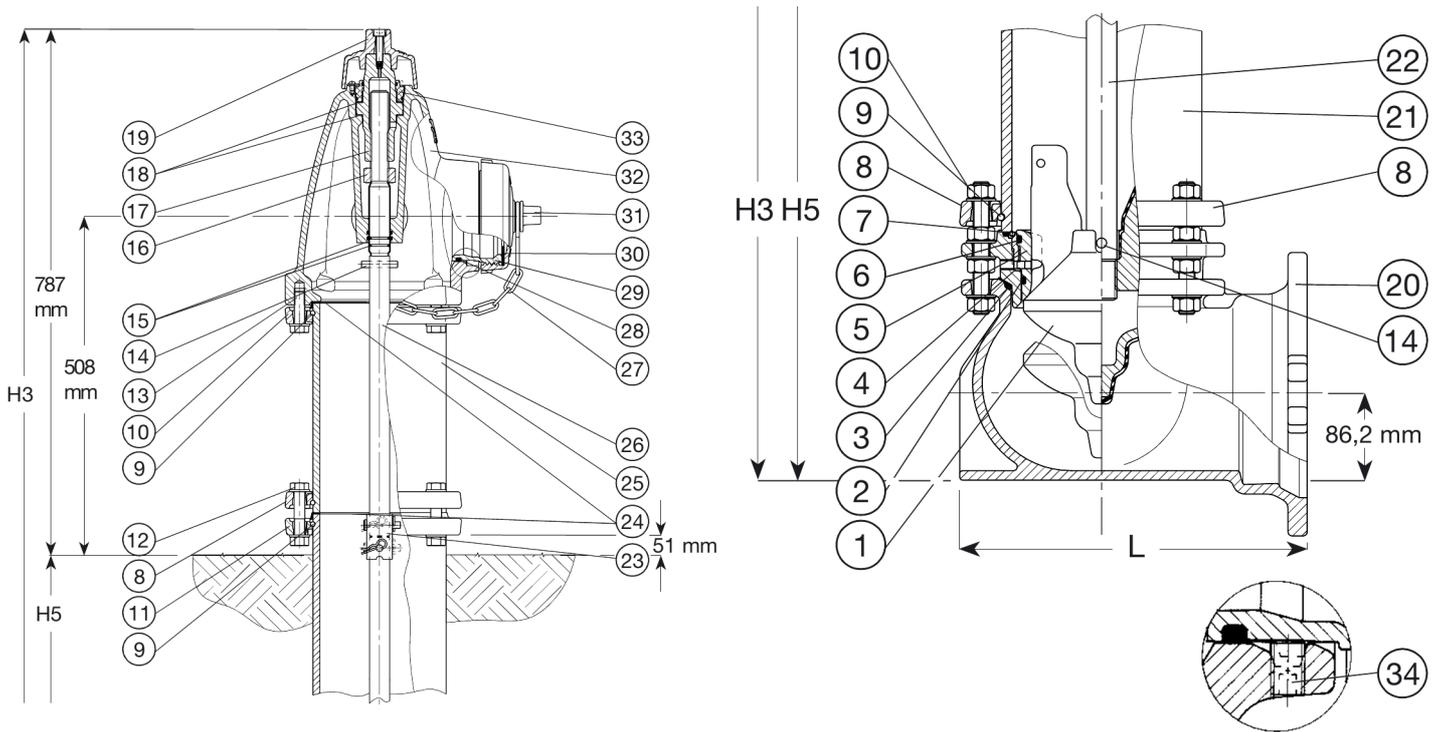
Accessories:

Various outlet couplings, landing valves and extension pieces



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

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

AVK DRY BARREL FIRE HYDRANT, 250 PSI**27/00-001****UL/FM approved, modern type****Reference nos. and dimensions:**

AVK ref. no.	DN mm	H3 mm	H5 mm	L mm	Theoretical weight/kg
27-00-O0204-00008-CP	150	1701	914	343	154
27-00-O0205-00008-CP	150	1854	1067	343	163
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