

**AMERICAN AVK HIGH PRESSURE, 250 PSI, NOSTALGIC,
DUAL PUMPER, DRY BARREL HYDRANT, 5.25" MAIN VALVE**

**27N/PPN
NOSTALGIC DUAL PUMPER**

Meets or exceeds AWWA C502 (latest) - Working Pressure - 250 PSI

Inlet Bases: Flanged in accordance with ANSI B16.1 Class 125,

Mechanical and Push-On Joint in accordance with ANSI/AWWA C111/A21.11

Use:

For water and neutral liquids to maximum 160°F.

Tests:

Hydraulic test to AWWA C502:

Seat Test: 500 PSI

Approvals:
UL/ULC Listed
Certified to:
NSF/ANSI 61
NSF/ANSI 372



Components:
Nozzle Section, Bonnet, Barrels, Standpipe Flanges,
Breakable Flange, Main Valve Flange, Base,

Caps, Weathershield

Nozzles, Valve Seat Ring, Drain Ring
Operating Nut, Thrust Nut

Brass Fittings, Brass Plugs

Main Valve

Stem Rod Couplings, Lock Rings, Nozzle Retaining
Screw, Lock Plate, Lock Plate Screw, Stop Pins,
Coupler Pins, Main Valve Retaining Pin, Spring Pins,

Coating

Stop Nut, Chain Set, Hardware

Barrel Gasket, Cap Gasket, O-rings

Lubrication Hole Seal

Anti-Friction Washer

Base Elbow / Inlet Configuration

- ☐ 6" MJ
☐ 4" MJ
☐ 8" MJ*

*Not FM Approved

Hardware
Upper Stem Rod
Lower Stem Rod

- ☐ Zinc Plated
☐ 304 Stainless
☐ 304 Stainless

Opening Direction

- ☐ Open Left

Standard:
Ductile Iron ASTM A536

Cast Iron ASTM A126 Class "B"

Bronze

Brass

Ductile iron core, fully encapsulated with EPDM rubber.

Stainless Steel

Above ground-Fusion bonded epoxy inside and out. Below
ground - Bitumen/Fusion bonded epoxy. Epoxy meets or
exceeds AWWA C550 (latest)

Zinc Plated Steel

NBR - (Barrel Gasket with 304 stainless insert)

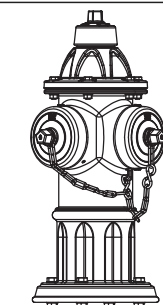
Oil Resistant Rubber

Polyamide

- ☐ 6" Flanged
☐ 4" Flanged
☐ Straight Flanged 6"
- ☐ 6" Push-on
☐ 4" PE*
☐ 6" PE*
- ☐ HYMAX®*

- ☐ 304 Stainless
☐ Epoxy Coated Steel
☐ Epoxy Coated Steel
- ☐ 316 Stainless

- ☐ Open Right



Series 27N/PPN
Dual Pumper



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27N/PPN NOSTALGIC DUAL PUMPER

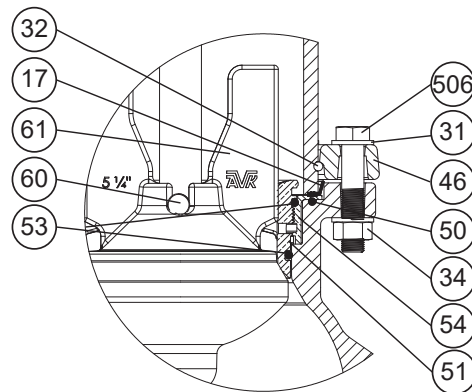
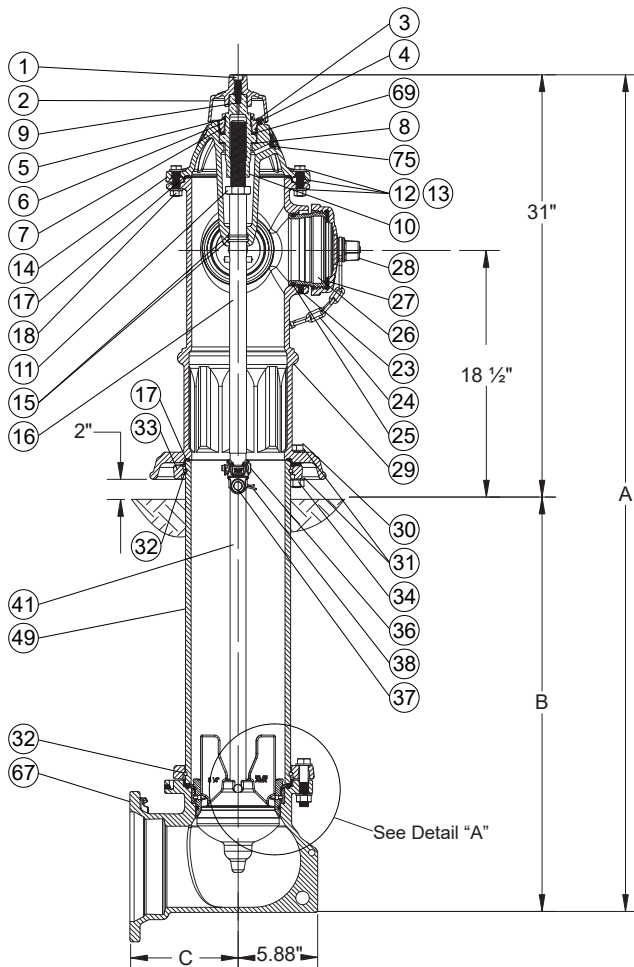
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Mechanical and Push-On Joint in accordance with ANSI/AWWA C111/A21.11

Component List:

- | | | | |
|----------------------------|----------------------------|----------------------------------|----------------------------------|
| 1. Weathershield Bolt | 15. Stem Seal O-rings | 32. Lock Ring | 53. Valve Seat O-ring -Detail A |
| 2. Weathershield | 16. Upper Stem Rod | 33. Breakable Flange | 54. Drain Ring -Detail A |
| 3. Lock Plate Screw | 17. Barrel Gasket | 34. Nozzle Section Nut | 55. Brass Plug -Not shown |
| 4. Lock Plate | 18. Bonnet Nut | 36. Coupler Pin | 56. Brass Fitting -Not shown |
| 5. Inner Thrust Nut O-ring | 23. Nozzle Retaining Screw | 37. Breakable Stem Rod | 60. Main Valve Retaining Pin |
| 6. Thrust Nut | 24. Chain Set | Coupling | -Detail A |
| 7. Outer Thrust Nut O-ring | 25. Pumper Nozzle O-ring | 38. Spring Pin | 61. Main Valve Disc -Detail A |
| 8. Anti-Friction Washer | 26. Pumper Nozzle | 41. Lower Stem Rod | 67. Base |
| 9. Lubrication Hole Seal | 27. Pumper Nozzle Gasket | 46. Standpipe Flange -Detail A | 69. Thrust Bearings |
| 10. Operating Nut | 28. Pumper Nozzle Cap | 49. Lower Barrel | 75. Zerk Fitting |
| 11. Stop Nut | 29. Nozzle Section | 50. Lower Barrel O-ring Detail A | 506. Hydrant Base Bolt -Detail A |
| 12. Bonnet Bolt | 30. Nozzle Section Bolt | 51. Valve Seat Ring -Detail A | |
| 13. Bonnet Washer | 31. Nozzle Section Washer | | |
| 14. Bonnet | | | |



Detail "A"

Ref No.	Base Sizes	Outlets	A	B*	C Flanged	C MJ	C Push-on	C PE	C HYMAX GRIP®
27N-PPN-4	- 4"	2x4"/4½"	49" - 247"	18" - 216"	8.00"	8.00"	N/A	23.70"	N/A
27N-PPN-6	- 6"	2x4"/4½"	49" - 247"	18" - 216"	8.00"	8.00"	9.00"	22.80"	11.60"
27N-PPN-8	- 8"	2x4"/4½"	49" - 247"	18" - 216"	N/A	9.38"	N/A	N/A	N/A

* Buries greater than 216" available upon request.

