

AMERICAN AVK HIGH PRESSURE, 250 PSI, NOSTALGIC, 27N/PNN SINGLE PUMPER, DRY BARREL HYDRANT, 5.25" MAIN VALVE NOSTALGIC SINGLE 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:

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

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®*

Optional Materials:

Hardware

Upper Stem Rod

Lower Stem Rod

Opening Direction

☐ Zinc Plated

☐ 304 Stainless

☐ 304 Stainless

☐ Open Left

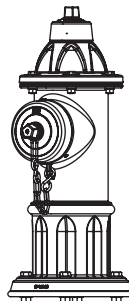
☐ 304 Stainless

☐ Epoxy Coated Steel

☐ Epoxy Coated Steel

☐ Open Right

☐ 316 Stainless



Series 27N/PNN
Single Pumper

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

27N/PNN

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Component List:

1. Weathershield Bolt

2. Weathershield

3. Lock Plate Screw

4. Lock Plate

5. Inner Thrust Nut O-ring

6. Thrust Nut

7. Outer Thrust Nut O-ring

8. Anti-Friction Washer

9. Lubrication Hole Seal

10. Operating Nut

11. Stop Nut

12. Bonnet Bolt

13. Bonnet Washer

14. Bonnet
15. Stem Seal O-rings

16. Upper Stem Rod

17. Barrel Gasket

18. Bonnet Nut

23. Nozzle Retaining Screw

24. Chain Set

25. Pumper Nozzle O-ring

26. Pumper Nozzle

27. Pumper Nozzle Gasket

28. Pumper Nozzle Cap

29. Nozzle Section

30. Nozzle Section Bolt

31. Nozzle Section Washer
32. Lock Ring

33. Breakable Flange

34. Nozzle Section Nut

36. Coupler Pin

37. Breakable Stem Rod Coupling

38. Spring Pin

41. Lower Stem Rod

46. Standpipe Flange -Detail A

49. Lower Barrel

50. Lower Barrel O-ring Detail A

51. Valve Seat Ring -Detail A
53. Valve Seat O-ring -Detail A

54. Drain Ring -Detail A

55. Brass Plug -Not shown

56. Brass Fitting -Not shown

60. Main Valve Retaining Pin -Detail A

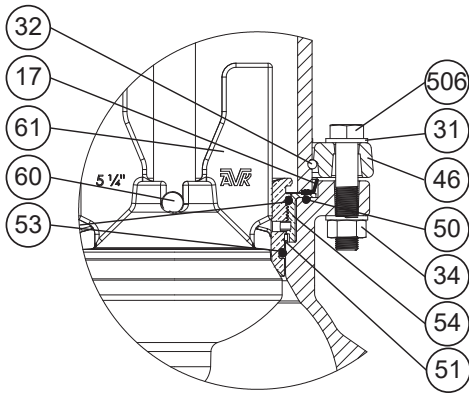
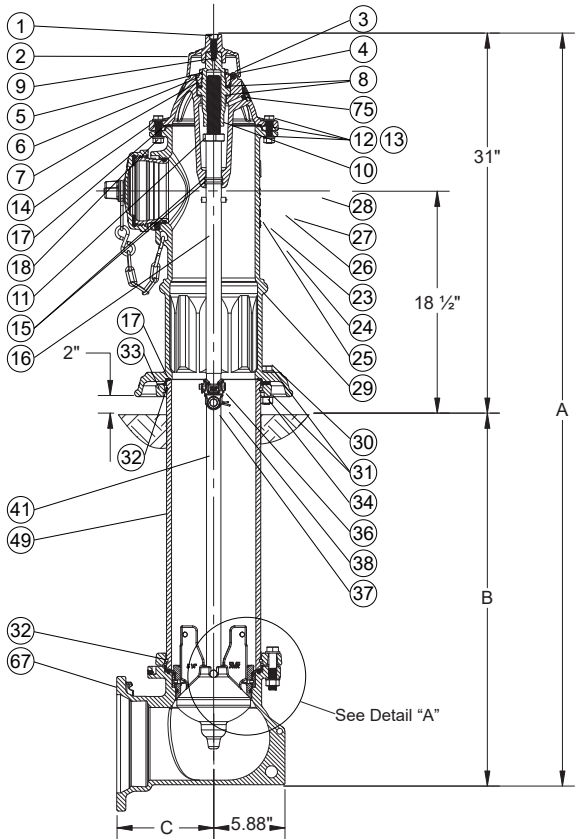
61. Main Valve Disc -Detail A

67. Base

69. Thrust Bearings

75. Zerk Fitting

506. Hydrant Base Bolt -Detail A



Detail "A"

Ref No.	Base Sizes	Outlets	A	B*	C Flanged	C MJ	C Push-on	C PE	C HYMAX GRIP®
27N-PNN-4	- 4"	1x4"/4½"	49" - 247"	18" - 216"	8.00"	8.00"	N/A	23.70"	N/A
27N-PNN-6	- 6"	1x4"/4½"	49" - 247"	18" - 216"	8.00"	8.00"	9.00"	22.80"	11.60"
27N-PNN-8	- 8"	1x4"/4½"	49" - 247"	18" - 216"	N/A	9.38"	N/A	N/A	N/A

* Buries greater than 216" available upon request.

