



## **AVK Ball Check Valve (Series 53) Sample Specification**

### **1. General.**

- A. Ball check valves shall be flanged (2" to 24") or NPT (1.5" and 2").
- B. The pressure rating shall be 150 psi.
- C. Check valves shall be American AVK Series 53 or equal.

### **2. Valve Bodies.**

- A. Valve bodies shall be of ASTM A536 Ductile Iron.
- B. Flanges shall be in compliance with ANSI B16.1 Class 125.
- C. Laying lengths shall comply with ANSI/ASME B16.10.

### **3. Valve Ball**

- A. Ball shall be an aluminum core completely encapsulated with NBR or PUR as required.

### **4. Protective Coatings**

- A. All exposed ferrous surfaces except stainless steel shall be coated with a fusion bonded epoxy that shall comply with AWWWA C550.

### **6. End Connections.**

- A. Flanged ends shall comply with ANSI/ASME B16.1, class 125 flanges

### **7. Maintenance**

- A. The check valve shall be designed such that the ball can be easily removed through a simple bolt on cover.

### **8. Testing**

- A. All ball check valves shall be tested when manufactured. Testing shall include a low-pressure seat test, a rated pressure seat test, and a 1.5 times rated pressure shell test.

**AMERICAN AVK COMPANY**

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