

# 100 SERIES

## BALL CHECK VALVES

### Valve Body

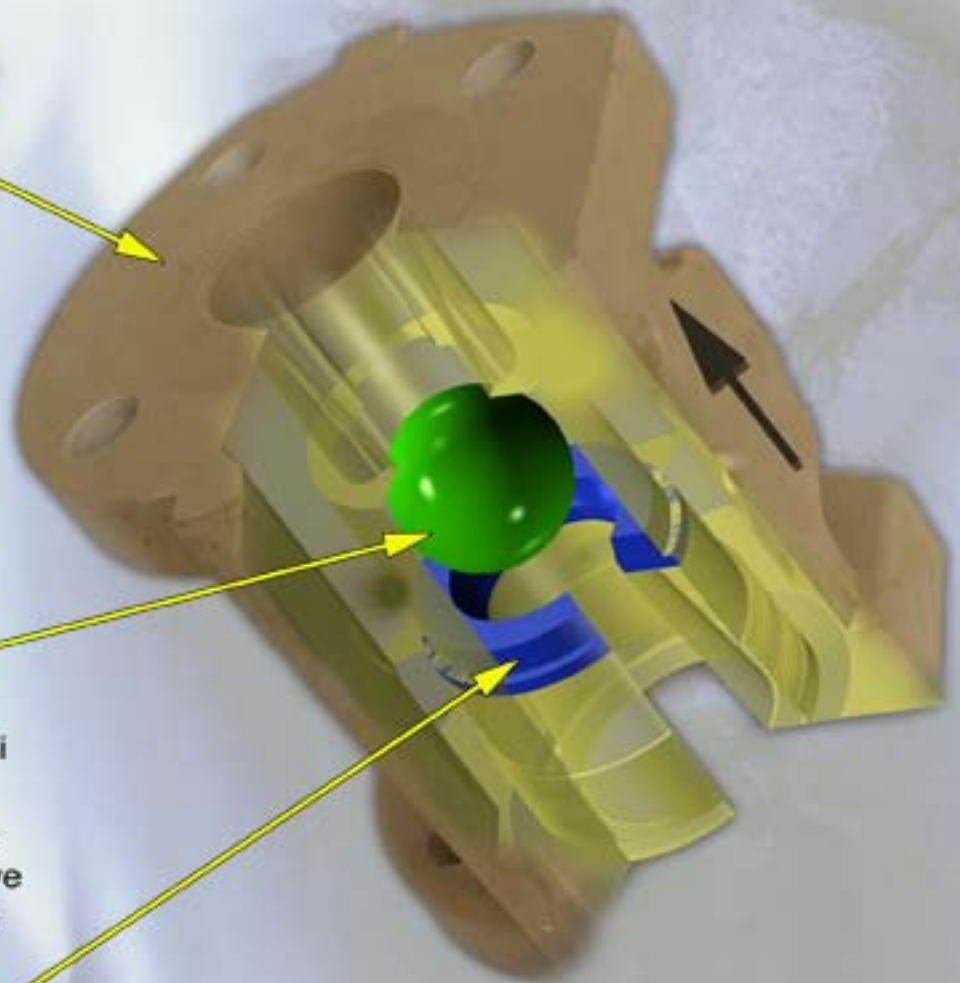
One piece massive valve body is light weight, rugged and is as corrosion resistant on the outside as it is on the inside to resist environmental attack. Available in fiberglass or carbon graphite reinforced vinyl ester or Z-CORE® epoxy materials. The valve body meets ANSI B16.10 and flange connections are compliant to ASME B16.5 Class 150. Other flange drilling options are available.

### Valve Ball

Check valve ball is manufactured from virgin PTFE and is available in solid or hollow construction. The solid PTFE ball needs just over 1 psi to unseat when the valve is in the vertical position. Hastelloy® C276 spring loaded PTFE ball is available for positive shut-off when check valve is installed in the horizontal position.

### Valve Seat

Check valve seat is manufactured from virgin PTFE and is designed for tight trouble free sealing in your most demanding applications. The seat is easily field repairable with only the end cap needing removal.



## HOW TO ORDER

### Example:

2" ANSI BALL CHECK VALVE WITH GLASS FILLED 470 RESIN VINYL ESTER RESIN AND STANDARD PTFE BALL.

**PART NUMBER: 100 - 02 - A - O**

STEP 1      STEP 2      STEP 3      STEP 4

**100 - 02 - A - O**

#### STEP 1

DETERMINE VALVE SERIES

**100** = 470 / GLASS  
105 = 470 / CARBON GRAPHITE  
150 = EPOXY / GLASS  
155 = EPOXY / CARBON GRAPHITE

#### STEP 2

DETERMINE VALVE SIZE

01 = 1"  
15 = 1 1/2"  
**02** = 2"  
03 = 3"  
04 = 4"  
06 = 6"

#### STEP 3

DETERMINE VALVE BALL DESIGN

**A** = SOLID PTFE  
B = HOLLOW PTFE

#### STEP 4

SPECIAL ADDERS

**O** = (STD) NONE  
A = SPECIAL FLANGE DRILLING  
B = SPECIAL