

The Meter Setter 9

September, 2003

A Worst Case Scenario

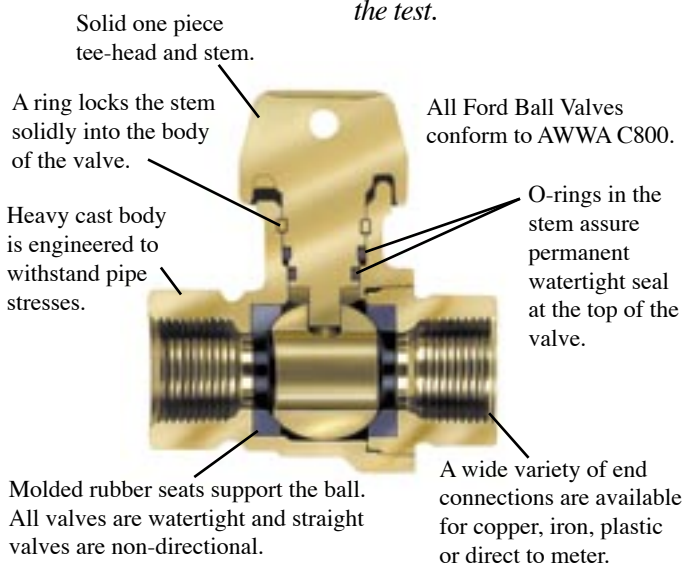
New product development, as well as evaluation and improvement of existing products, is a never-ending pursuit for the product engineers of The Ford Meter Box Company. All of our products are designed and tested to the accepted standards of the water works industry. But professional curiosity motivates our staff to understand what happens to a Ford product should it ever be subjected to the "worst case scenario." In this case, our engineering staff wanted to better understand ball valve performance at pressures and flows that greatly exceed anything a normal water system would ever experience.

To achieve the required pressure and flow, a new fire truck from the Urbana Volunteer Fire Department

was used. Eric Cohee, Product Design Engineer and volunteer fireman, operated the fire truck as 3/4" through 2" valves were tested. Ford valves withstood pressures in excess of 300 PSI and flow rates of 700 GPM. Congratulations to those who tested the valves and special thanks to those who daily work to make the finest ball valves available in the water works industry!



Above: Eric Cohee, Product Design Engineer and volunteer fireman, regulates the flow and pressure of the pumper during the test.



Ford Ball Valves are designed to withstand working pressures up to 300 PSI. Stop and Waste Ball Valves are rated to 150 - 175 PSI.

Ford Meter Box has the largest variety ANSI/NSF 61 approved ball valves available in the industry. See our website for a complete listing.

Left: With the new fire truck in the background, an angle ball valve test sprays water into the parking lot.



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