

## Yarway Welbond Globe Valves

### From the Nuclear Parts Center

Innovative design improves performance and lowers maintenance

#### Challenge

Long-lasting, high-quality valves with low maintenance are critical to nuclear plant operations.

#### Solution

At Framatome, our Nuclear Parts Center (NPC) works with Emerson to provide Yarway Welbond Valves — conveniently delivered to your site, exactly when you need them. In fact, NPC is the exclusive distributor of Yarway Welbond Globe Valves to the nuclear industry. Plus, we have decades of experience as the most responsive nuclear parts supplier in the U.S. We only offer products with the field-proven performance and variety of applications you require.

Our recommendations are always tailored to meet your specific need. It is what you would expect from one of the world leaders in nuclear energy.

#### Yarway Welbond Valves — A Track Record of High Performance

The Yarway Welbond Valve has become an established stop valve for general line service in modern high-pressure power plants.

The latest design of the valve combines the proven features of its predecessor with advantages made possible by advancements in metallurgy and fluid-flow research. No other valve on the market offers this outstanding combination of features.

In addition, the innovative engineering of the valve minimizes maintenance and helps extend service life. A unique one-piece body enables in-line repair and essentially eliminates the risk of seat cracking. The seating surface can also be renewed with Yarway's reseating tool. Using a Stellite investment casting disc, the design provides a secondary orifice during opening and closing to dissipate erosive forces through the disc-body orifice rather than the disc-seat orifice, which must be protected for drop-tight sealing. Plus, the design allows the disc-stem assembly to retract completely into the body, ensuring smooth flow and a high  $C_v$  characteristic.

**Your performance**  
is **our** everyday **commitment**



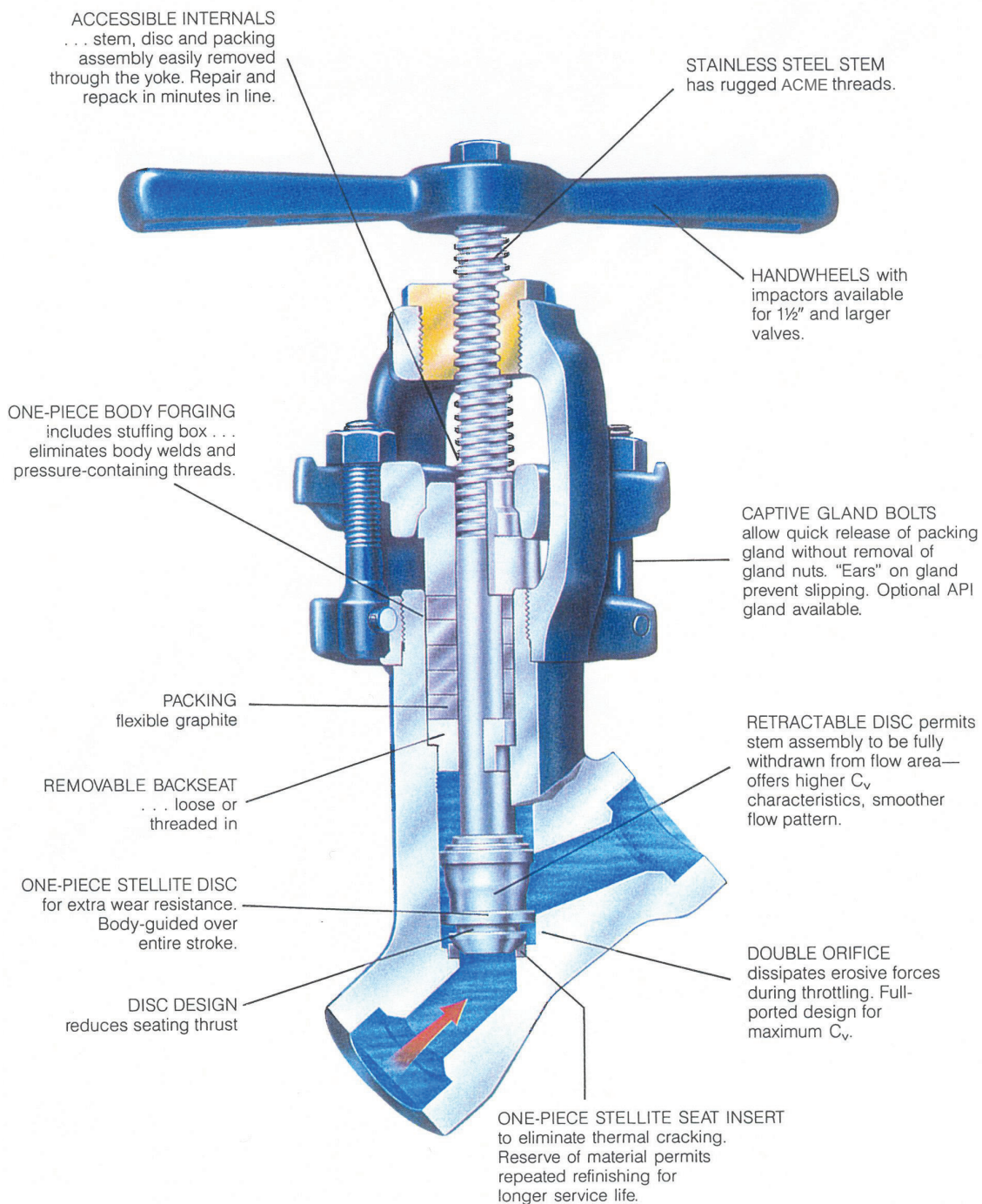
#### Customer benefits

- Enables in-line repair
- Stem, disc and packing can be quickly removed through the yoke, and the seat fully exposed for "like new" restoration
- One-piece forged body ensures reliability by eliminating pressure welds, seal welds, pressure-containing threads or gaskets and body/bonnet joints
- Tough construction materials enhance durability
- Solid Stellite disc and seat ring eliminate cracking
- Enables high flow capacity
- Minimizes flow velocities, decreasing the erosive forces which shorten the life of the seat and disc
- Off-the-shelf availability
- Complete pre-machining of each valve body enables conversion from one design to another

## Technical Description

### DS-6113 specifications

- “N” stamped
- ½" through 2" sizes
- CS and SS
- 1700#



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