

## PHANTOM FLOW

The Patented Phantom Port feature greatly reduces the effects of cavitation and wire draw on feed water applications. This provides a valve for long and reliable service life.

### *0-5 deg Rotation*

As the valve just starts to open, the downstream side releases any internal body pressure. This is due to the Phantom Port feature. Because the downstream is already open, velocity will be higher at the upstream – non sealing seat.

### *5-20 deg Rotation*

Flow passes through the valve as it starts to open. There is more volume at the exit of the valve trim due to the dual flow path created by the Phantom Port. Reducing affects of Wire Draw and Cavitation.

### *Full Open*

Full Port and Reduced Port Valves Offer a higher Cv than globe valves. The sealing surface of the seats are protected in the open position from wear.

