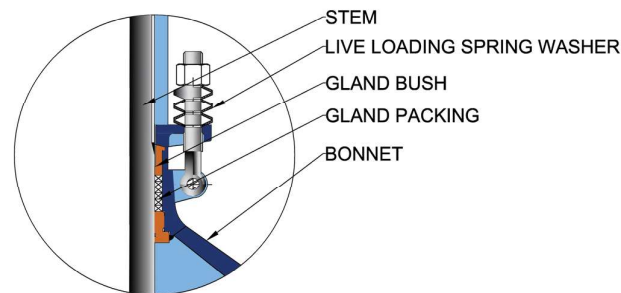
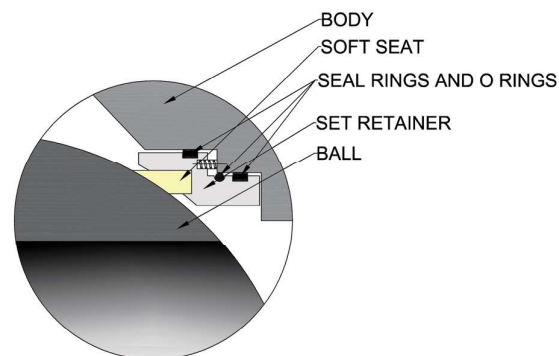




Live Loaded Valves - Flowtorq's Live Loaded valves are an ideal solution for low emission, VOC services and Fugitive Emission Services. These valves are specially designed and manufactured with special packings from well known sealing material manufacturers like John Crane, Garlock, etc. These valves can also be used in high temperature, chlorine service, gaseous hydrocarbon services, cryogenic and other volatile substances applications. High quality Belleville Spring Washers are used to fix gland bush with gland tightening bolts. These helps to maintain gland pressure on gland packings to eliminate periodic wear and compensate in prevention of leakage.



Metal Seated Valves - The key advantage of metal seated valves when compared to soft seated valves is that they can withstand high temperatures and severe service conditions. Metal seats can stand up to extreme flashing, hydraulic shock, abrasive process fluid, and high temperatures up to and exceeding 1,000° F. They are also ideal for high erosion or corrosion applications. Another important factor is that metal seats can be hardened by specialized coatings.



Soft Seated Valves - Soft seats are typically composed of thermoplastic components like PTFE. These valves are appropriate for applications in which chemical compatibility is crucial, and in situations where having the tightest seal is important. Soft seats, however, aren't suitable for processing abrasive or dirty fluids. These valves are known to break down under conditions like these, resulting in a leaky valve. Complications introduced by soft seated valves are related to the fact that they don't stand up to applications that challenge their service limits.

