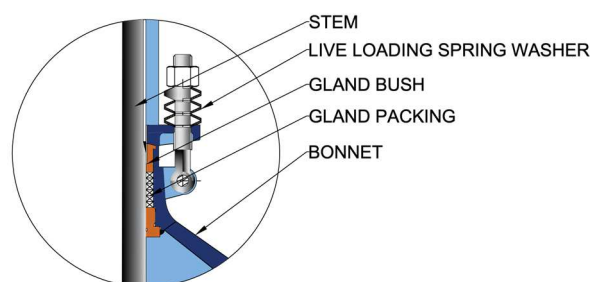


SPECIAL SERVICE APPLICATION VALVES

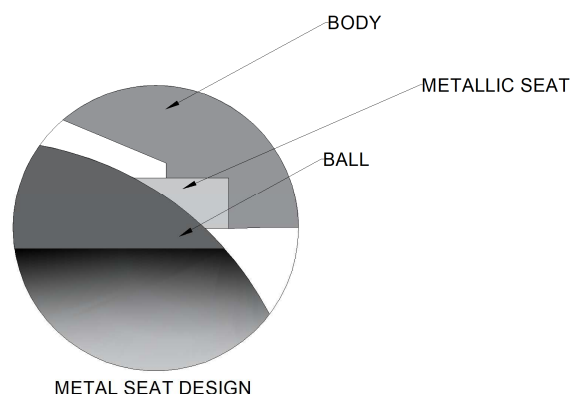
LIVE LOADED VALVES:

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 withstanding gland pressure on gland packings to eliminate periodic wear and compensate in prevention of leakage.

**METAL SEATED BALL VALVES:**

Flowtorq's The key advantage of **metal seated ball valves** when compared to soft seated valves is that they can withstand high temperatures and severe service conditions. **Metal seats** can withstand up to flashing, hydraulic shock, abrasive process fluid, and high temperatures up to and exceeding 1000° F. They are also ideal for high erosion or corrosion applications. Another important factor is that metal seats can be hardened by specialized coatings.

**VALVES FOR MARINE APPLICATIONS:**

Flowtorq's Marine application valves range includes Gate, Globe, Check, Butterfly and Ball Valves, with End Connections Drilled as per **JIS 5K / JIS 10K / JIS 16K / JIS 20K**. The valves Are designed as per ASME B16.35, ISO, API and BS Standards in terms of shell thickness and general dimensions. Valves also maintain the face-to-face length as per ASME B16.10, ANSI, API, etc. standard. However, the flange drilling confirms to abovesaid JIS flange drilling dimensions. The material type ranges from Stainless Steel, Carbon Steel, Aluminum Bronze, Bronze, etc.

