



INDUSTRY TRENDS WATCH IN 2025

In switchgear and insulation systems, valves like DN20 Flange Gas models are seeing demand driven by tighter environmental regulations and the shift toward SF₆-free or low-GWP gases. Advanced leak detection and zero-leakage design criteria are becoming standard, pushing manufacturers to achieve helium test tolerances below 1×10^{-6} .

High integrity in sealing, corrosion protection via surface treatments, and compatibility with evolving gas chemistries are key performance differentiators. In SF₆-based systems, valves with verified pressure and material ratings are integral for reliability and reducing maintenance in renewable and grid modernization projects.



PRODUCT SPOTLIGHT



DN20 FLANGE GAS VALVE M48X2

Our DN20 Flange Gas Valve M48x2 is precision-engineered using Aluminum 6082 T6 and designed for SF₆ gas applications in switchgear systems. It features green anodizing for added durability and has successfully passed helium testing with a leak rate under 1×10^{-6} at 12 kg/cm², ensuring zero leakage performance.

LIFE @ SEE

Celebrating National Engineers' Day at SEE Linkages: A Tribute to Innovation and Excellence

Engineers' Day serves as a reminder of the critical role engineers play in nation-building.