



GTS CONTROLS & ENERGY SYSTEMS PVT. LTD.

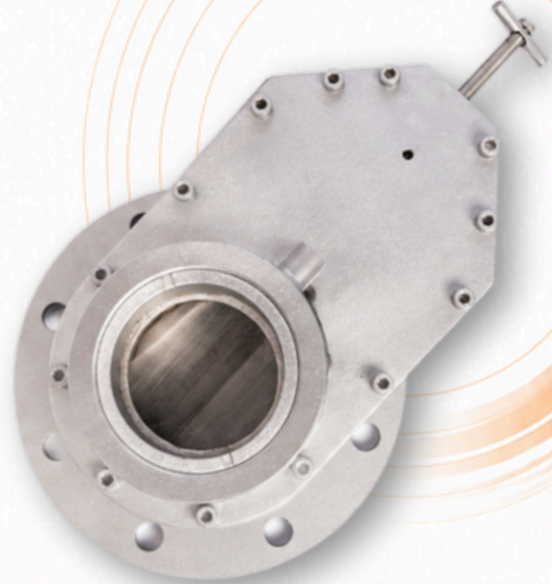
Combustion Solutions.
Built for Performance.

BLAST GATE VIEW PORT

BG SERIES

OVERVIEW

The GTS Blast Gate view port is a manually operated isolation gate designed to provide safe and convenient visual access to furnaces, kilns, boilers, and combustion systems while minimizing heat loss and air leakage. Its precision sliding gate enables operators to safely monitor flames and process conditions while reducing heat loss and preventing unwanted air ingress when closed.



KEY FEATURES

- ✓ Available Sizes from 1" to 8"
- ✓ Stainless steel gate as standard for all sizes
- ✓ Swivel mounted gate and shaft assembly
- ✓ Free floating gate
- ✓ Durable, long-lasting construction
- ✓ Tamperproof and easy to operate
- ✓ Reduced movement from vibration
- ✓ Leak Proof



APPLICATIONS

- Low pressure air control
- Viewing ports for Furnace
- Manual stack pressure control
- Combustion air system



MECHANICAL CONSTRUCTION

- Body Material : IS2062 E250 (Fabricated)
- Shaft & Disc : AISI 304/AISI 316
- Glass : Quartz, suitable for 1000°C Furnace Chamber Temp. with external air/N₂ cooling



PRODUCT DESCRIPTION

The GTS Viewing Port Blast Gate is a heavy-duty manual isolation device engineered to provide reliable visual inspection of combustion chambers, furnaces, kilns, ducts, etc.

These blast gates are designed for air flow pressures up to 200 mbar. The slides on all size blast gates are stainless steel. Slides are swivel mounted on shafts – a tamperproof assembly. Shaft can be rotated without damaging the gate. The slide is precision mounted between accurately machined flanges for smooth and easy manual operation. Stem packing gland is provided for "leak-resistant" construction.

For View Port the Maximum operating temperature depends on the selected viewing glass and sealing materials.

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