



RAJSHI
ENGINEERS

TANK VALVE

TANK VALVE:

Application:

Tank Valves are especially designed to permit quick inflation, deflation & gauging of containers with / without various standard equipment such as air chucks, deflators & pressure gauge. They provide minimum protrusion within the containers where space is at premium. Widely used in hermetically sealed transformers.

Working :

These valves are fitted with VALVE CORE a tiny precise item whose every point serves a specific purpose.

- Plug - Single piece construction permits full flow of gas giving clear & fast inflation/ deflation.
- Teflon Sleeve - Super slippery, self-swiveling & non-sticky gasket turns as it tightens, thus maintaining a perfect sealing.
- Ferrule & Plunger Washer - Scientifically designed to optimum air blast along with cleaning the plunger washer each time valve operates.
- Spring - Corrosion Resistant Stainless Steel / Brass coil spring provide right tension for the best seal.
- Plunger Pin - Seating at the top & bottom of plunger pin provides positive location for inflation/deflation pressure gauge.

Brass valve cap provides maximum sealing force with minimum effort. Thus avoiding entry of any dirt particles to the valve mouth to impair the operating efficiency of valve core. Valve Core with valve housing is yet an ACE OF STANDARDIZATION.

Different Models available are :

| Model | Thread Size | Material | Available in | Remark>Note |
|-------|-------------|---------------------------|------------------|---|
| GFV-1 | 1/8" | Brass | Both NPT and BSP | Longer than usual valves (33mm length). Used for special gases like SF6 applications and switchgears. |
| GFV-2 | 1/8" | Brass | Both NPT and BSP | Most commonly used model. |
| GFV-3 | - | - | - | Specially designed smaller size valve to be mounted from inside of the tank |
| GFV-4 | 1/4" | Brass | Both NPT and BSP | |
| GFV-5 | - | Both Brass and Aluminium. | Without thread | Economical alternative to GFV-2. To be mounted from inside of the tank |
| GFV-6 | - | Both Brass and Aluminium. | Without thread | Economical alternative to GFV-1. To be mounted from inside of the tank. |

Our Model GFV-1B available with 1/8" B.S.P. Mounting Thread, to be fitted with & Rubber "O" or Aluminum Washer.

Our Model GFV-2B available with 1/8" B.S.P. Mounting Thread, to be fitted with & Rubber "O" or Aluminum Washer.

Our all models have option of availability with/ without Brass Cap.

Our all models have option of availability in Natural Finish/ Nickel Plated.

Routine Test :

Each valve is individually tested for leakage at 2.5 kg/ cm. sq. by soap water process.



Manufacturer reserves the right of modification/upgrade

Due to our policy of continuous product improvement, dimensions and design are subject to change