

V522-7000

2-Way Bellows Seat Plug Valve

Valcor Nuclear - Last Position / Manually Operated Valve



DESCRIPTION

Valcor's V522-7000 series bellows sealed plug valves have wide operating fluid temperature range of -320° to 1200° F (-196° to +649° C). This series meets the demands of many critical fluid control conditions. Operating fluid pressure range is 0-2000 psig. The bellows sealed construction assures zero external leakage of process fluids.

APPLICATION

Typical applications using this valve type include high temperature systems, critical gas analysis, corrosive fluids and vacuum systems.

FEATURES

- Positive plug return on all valves prevents plug sticking in severe service
- No torque transmitted to bellows – Hex guide mates with hex broach in bonnet
- Secondary o-ring seal in upper bonnet prevents leakage if bellows is damaged
- Non-rising stem prevents galling or seizing of stem threads
- Heavy-duty welded bellows provides long cycle life and assures leak tight service. Long size bellows insures full lift and utilization of full orifice area.
- All-welded design for high-temperature and high-pressure service
- Plugs and bellows are replaceable
- Various end connection choices including tube fittings, female NPT, or tube socket weld connections

