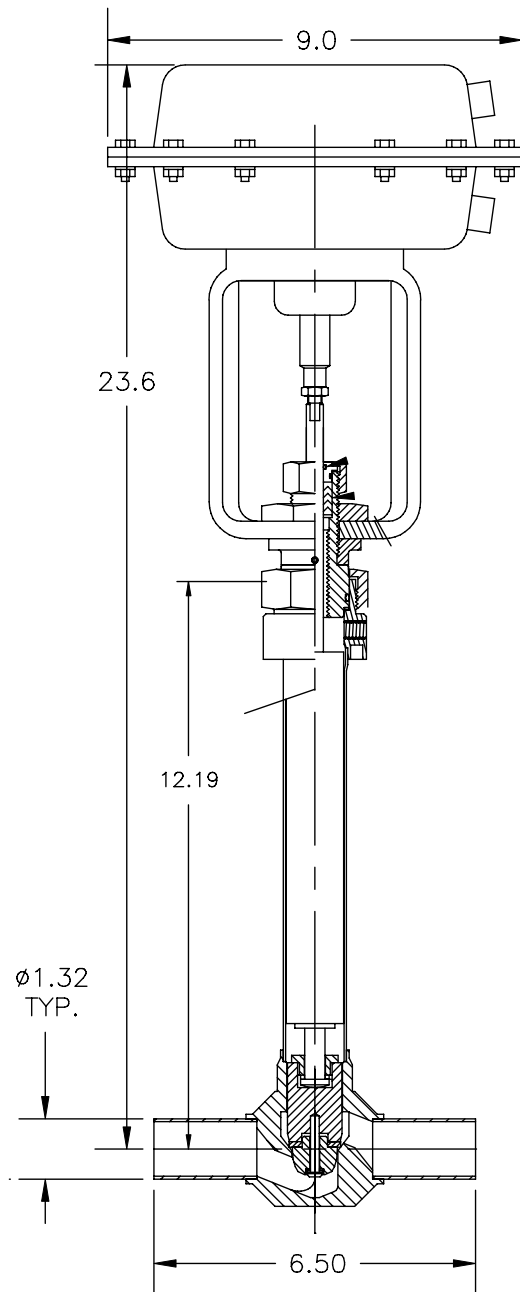


## C2000 CRYOGENIC VALVE SERIES

# Model C2081T-A22A

## • 1" Cryogenic Valve w/Pneumatic Actuator



## FEATURES

- Pneumatic Actuator Air to Open
- Stem Seal (Nitrile O-Ring with Parker Lube)
- Cryogenic Stem Packing
- Brass Bonnet
- Cryogenic Bonnet Seal
- Bonnet Purge Port (Thermal Relief Location)
- All Stainless Steel Body & Stem
- Tight Fit Stem Horizontal Operation OK
- Plug to Stem Stabilizer
- Brass Plug
- KEL-F Seat Seal w/ Locked Thread
- 1" Mpt Ends Typ
- Flow Plug Equal %

## TECHNICAL DATA

- 300 PSI MAWP (Maximum Operating Pressure)
- Seat Seal Bubble Tight @ 150 PSIG
- Packing Mass Spec Tested @  $1 \times 10^{-5}$  Torr
- Leak Rate Below  $1 \times 10^{-9}$  CC GHe/SEC
- Heat Leak: 10.4 BTU/HR to 20° K
- Cooldown Mass: 3.80 Pounds

## APPLICATIONS

- Vacuum Jacketed Piping
- Cold Boxes
- Manifold and Tank Systems
- Liquid Nitrogen, Helium, Hydrogen, Argon, and Oxygen Service (with Proper Cleaning)