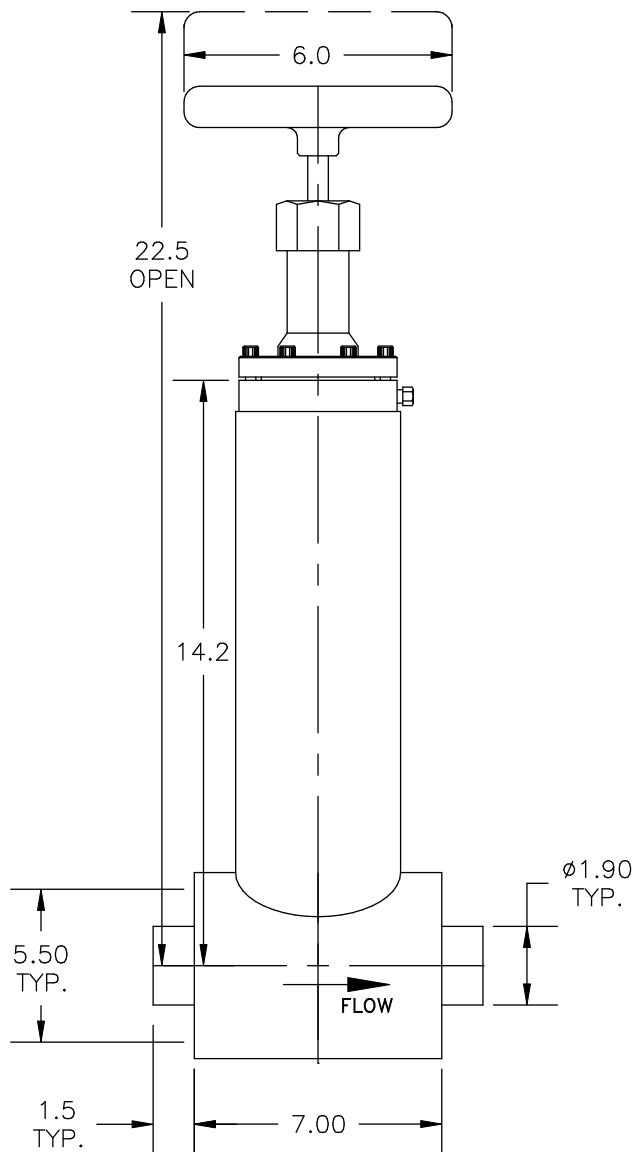


C2000 CRYOGENIC VALVE SERIES

Model C2121-M21

- 1 1/2" IPS Pipe Size Cryogenic Valve
- Manual Operation
- Vacuum Jacketed
- Globe Style Body



FEATURES

- Low Handle Torque for Bubble-tight Shutoff
- Stainless Steel Stem and Threads
- Redundant Stem Seal
- Cryogenic Stem Packing
- Brass Bonnet
- Redundant Cryogenic Bonnet Seals
- Bonnet Purge Port (Thermal Relief Location)
- All Stainless Steel Body
- Close Tolerance Stem
- MLI on Jacketed Valves
- Brass Plug
- Plug To Stem Stabilizer
- KEL-F Seat Seal
- Contoured Flow Plugs Available

TECHNICAL DATA

- 300 PSG MAWP (Maximum Operating Pressure)
- 450 PSIG Proof
- Seat Seal Bubble Tight @ 150 PSIG
- Packing Mass Spec Tested @ 1×10^{-5} Torr
- Vacuum Leak Rate Below 1×10^{-9} CC GHe/SEC
- Heat Leak: 27.3 BTU/HR To 20° K
- Cooldown Mass: 10.5 Pounds
- Options:
 - Cold Box Jacket
 - Pneumatic Actuators
 - Purge Ports
 - Flow Plugs

APPLICATIONS

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



CRYOGENIC VALVES and VACUUM COMPONENTS

sales@cryocomp.com ▼ 908.686.3643 ▼ www.cryocomp.com

a division of Cryofab, Inc.

