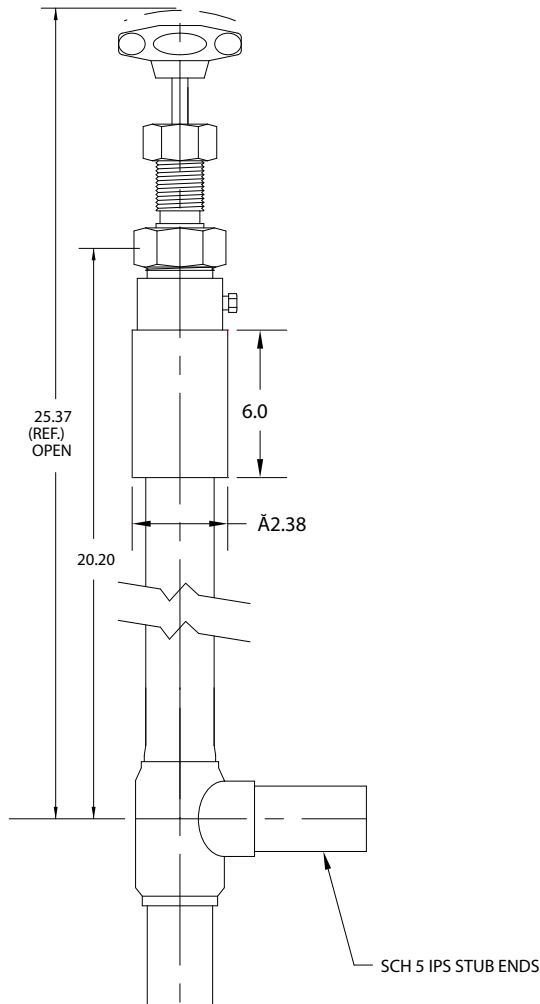


C3000 LIQUID HELIUM VALVE SERIES

Model C3082-M23

- 1" IPS Cryogenic Liquid Helium
- Globe Valve with Cold Box Jacket



FEATURES

- Low Handle Torque For Bubble Tight Shutoff
- Stainless Steel Stem & Threads
- Redundant Stem Seal
- Cryogenic Stem Packing
- Brass Bonnet
- Redundant Cryogenic Bonnet Seal
- Bonnet Purge Port (Thermal Relief Location)
- All Stainless Steel Body & Stem
- Tight Fit Stem
- Brass Plug
- Plug To Stem Stabilizer
- KEL-F Seat Seal w/ Locked Thread Insert

TECHNICAL DATA

- 300 PSI MAWP
450 PSIG Proof
- Seat Seal Bubble Tight @ 150 PSIG
- Packing Mass Spec Tested @ 1×10^{-5} Torr
- Leak Rate Below 1×10^{-9} CC GHe/SEC
- Heat Leak: 6.25 BTU/HR TO 20° K
- Cooldown Mass: 3.80 Pounds
- Options:
Purge Port
Full Vacuum Jacket
Pneumatic Actuators

APPLICATIONS

- Vacuum Jacketed Piping
- Cold Boxes
- Helium Transfer Lines
- Helium Liquefiers



CRYOGENIC VALVES and VACUUM COMPONENTS

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

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