

C5000 LIQUID HELIUM VALVE SERIES

Model C5042-A11

- 1/2" O.D. Tube Size Cryogenic Valve
- Actuated
- Vacuum Jacketed
- Right Angle Style Body

FEATURES

- Pneumatic Actuator
- Vacuum Tight Upper Seal Assembly
- Spring Loaded Dual O-ring Shaft Seal
- Stainless Steel Body, Stem and Jacket
- Low Heat Transfer Stem Assembly
- MLI on Jacketed Valves
- KEL-F Seat Seal
- Contoured Flow Plugs Available

TECHNICAL DATA

- 150 PSIG MAWP
- 225 PSIG Proof
- Seat Seal and Packing Leak Test Bubble Tight @ 150 PSIG @ Ambient Temperature
- Adapters Available For Smaller Sizes
- Designed For Vertical Operation Only
- Heat Leak: 2.4 BTU/HR 77 °K
3.1 BTU/HR To 4 °K
- Cooldown Mass: 0.18 Pounds
- Replaces Cryolab[®] CV9 Valve Series

APPLICATIONS

- Vacuum Jacketed Piping
- Cold Boxes
- Helium Transfer Lines

