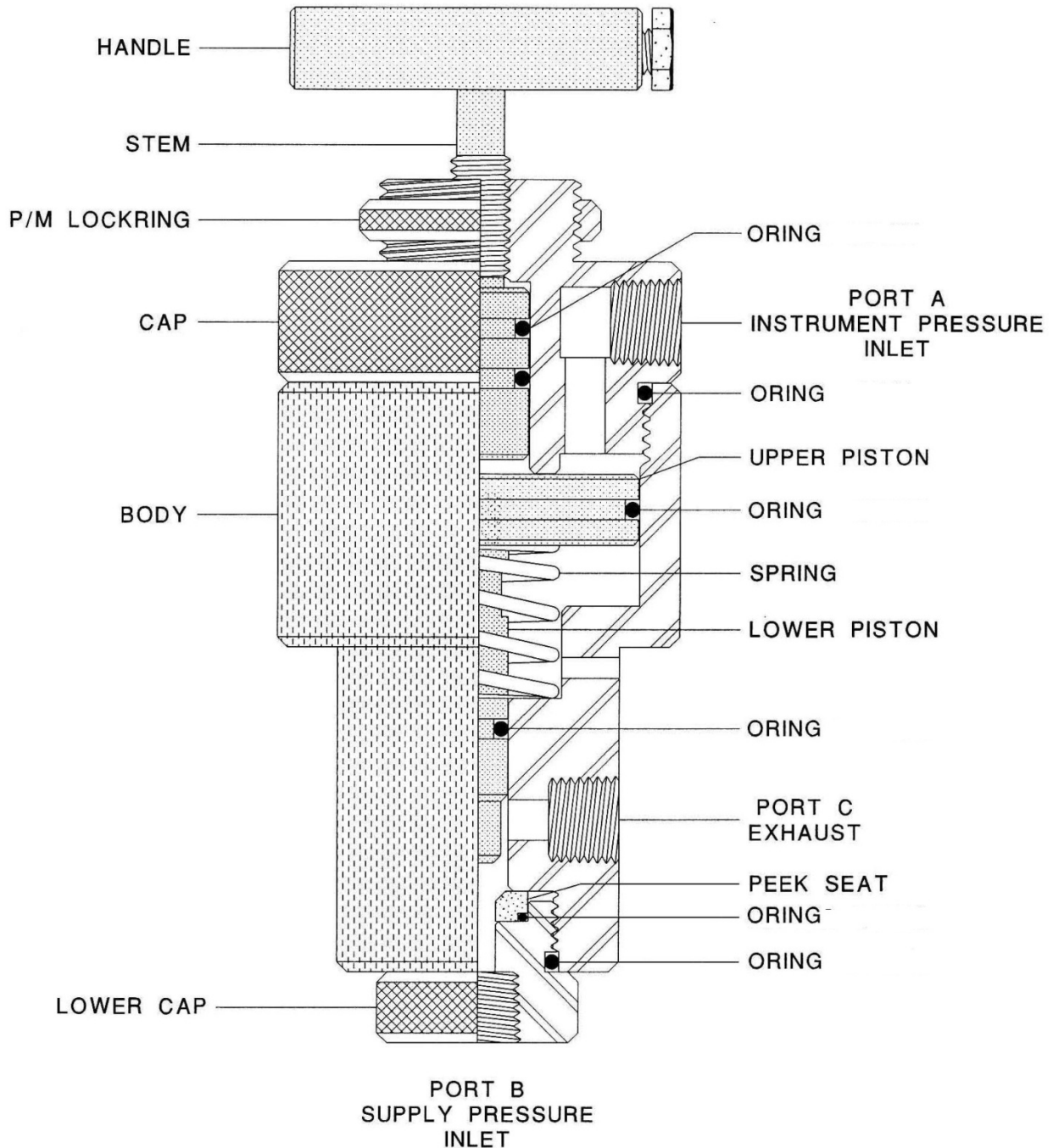




'HCT-2C' HYDRAULIC CONTROLLER PNEUMATIC / HYDRAULIC OVER HYDRAULIC WITH MANUAL OVERRIDE





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ISO 9001 Certified



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INSTALLATION

CONNECTION 1/4" FNPT
PANEL MOUNT 1 5/16" (33.3 mm) Diameter Hole

PORT A	Instrument Pressure Inlet	Pneumatic, 50-150 PSI (3.5 to 10.3 bar)
PORT B	Supply Pressure Inlet	Hydraulic, 30-6000 PSI (2 to 41.5 bar)
PORT C	Exhaust	

OPERATION

The BWB "HCT-2C" is a 2 way, normally open, pilot operated, automatic hydraulic controller with manual override. It is normally installed in a SCSSV control panel. It receives instrument pressure (Port A) from a safety system component such as a master relay and hydraulic supply pressure (Port B) from a pump.

During normal operation, instrument pressure (Port A) holds the controller in the closed position. The supply pressure (Port B) is blocked and the hydraulic system will maintain it's required working pressure.

When the master relay is actuated, it will bleed instrument pressure (Port A) from the controller and the spring will push the controller into the open position. The supply pressure (Port B) is exhausted (Port C), and returned to the reservoir; thus closing the SCSSV or system.

Should hydraulic working pressure be required to open the SCSSV or system before instrument pressure (Port A) is returned, the manual override may be used. The override handle is manually screwed in; This allows supply pressure (Port B) to be blocked and the hydraulic system to maintain it's working pressure. When instrument pressure (Port A) is returned, the manual override must be manually released for the controller to resume normal operating conditions.

FEATURES

All Buna-N O-rings
All 316 Stainless Steel construction

OPTIONS

HCT-2C (6,000 PSI - High Flow) **HCT-2S** (10,000 PSI)

WEIGHT 5 Pounds