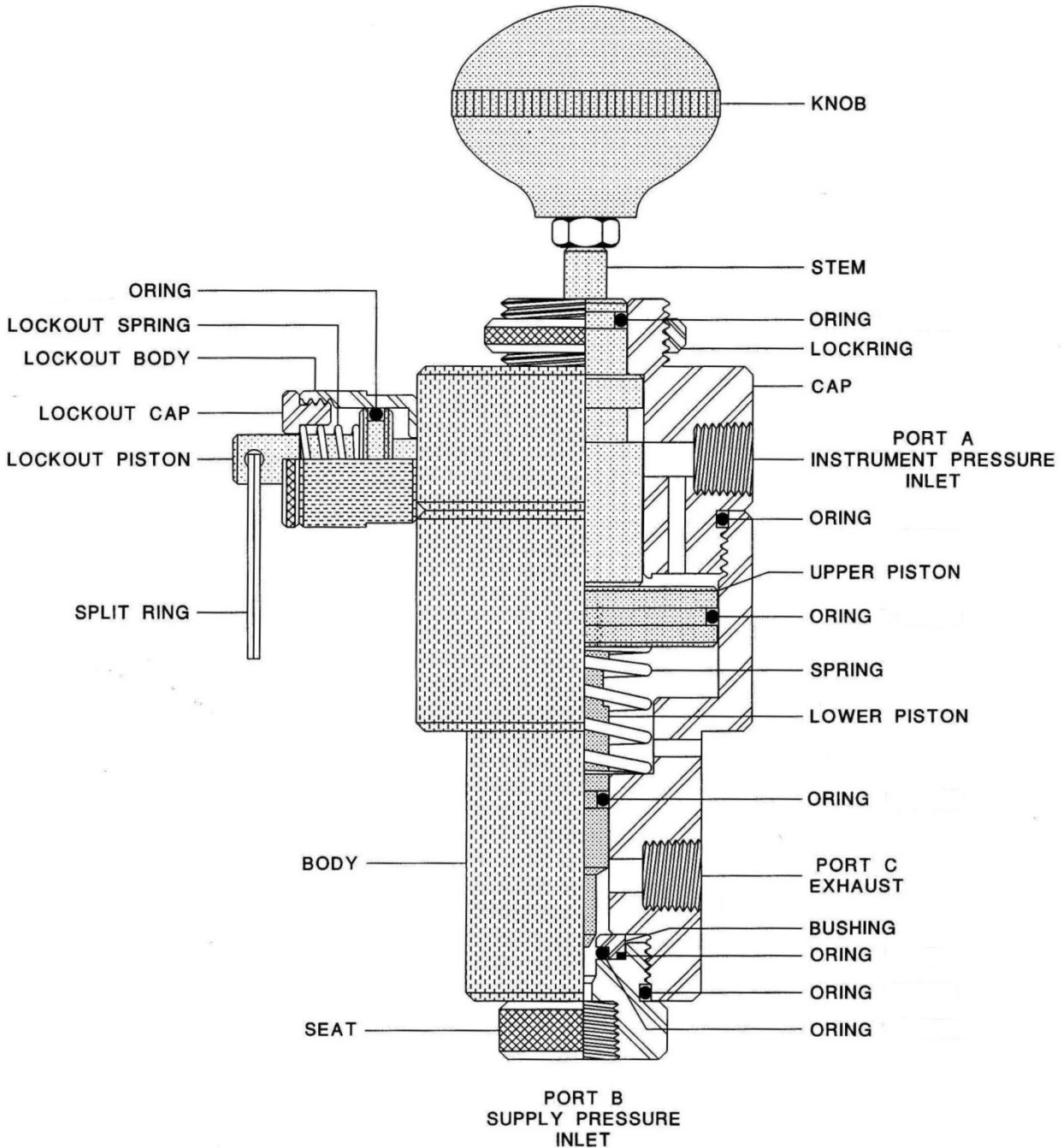




'HCT-2' HYDRAULIC CONTROLLER PNEUMATIC / HYDRAULIC OVER HYDRAULIC WITH KNOB AND LOCKOUT





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ISO 9001 Certified



‘HCT-2’ HYDRAULIC CONTROLLER PNEUMATIC OVER HYDRAULIC WITH KNOB AND LOCKOUT

INSTALLATION

CONNECTION 1/4" NPTF
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, 30-10,000 PSI (2 to 690 bar)
PORT C	Exhaust	

OPERATION

The BWB "HCT-2" is a 2 way, normally open, pilot operated, automatic hydraulic controller with knob and manual lockout. 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 lockout assembly may be used. The knob is manually pushed in and the lockout stem engaged. 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 lockout stem will automatically release and the controller will resume normal operating conditions.

FEATURES

All Buna-N O-rings

All 316 Stainless Steel construction

When the controller is mounted on the panel face, the lockout assembly is located inside the panel

OPTIONS

<u>HCT-2</u>	(10,000 PSI)	<u>HCT-2J</u>	(6,000 PSI - High Flow)
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WEIGHT 5.25 Pounds