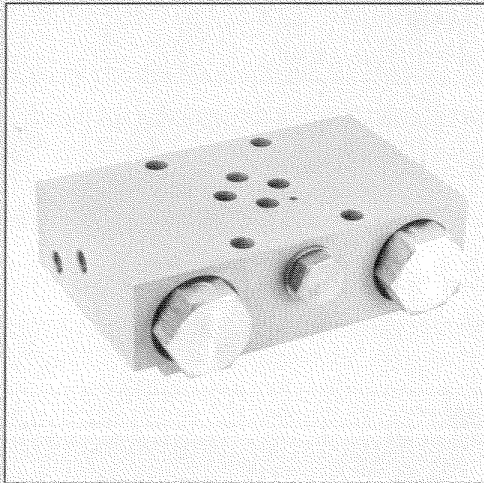




Features

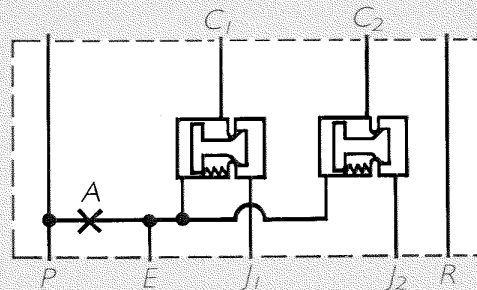
- Fits under 62 & 760 Series valves
- Prevents flow to and from actuators
- External pilot supply
- Internal pilot supply option
- Port pattern to BS6494 Part 2, Type 4

Typical applications

This module is designed for applications where it is necessary to prevent flow both to and from the actuator. Typical applications are materials and fatigue testing or lock-up applications where extra security is required.

In applications where turn-on transients are a problem, the module may be set up to provide a "soft-start" when pressure is first supplied.

Description



This unit contains 2 normally-closed logic elements.

With the E line vented, the logic elements block the connection between C_1 and J_1 and between C_2 and J_2 . Flow cannot occur in either direction. When E is pressurised, the elements open, connecting C_1 to J_1 and C_2 to J_2 . E line energisation may either be external or internal.

External.

With plug A fitted, access to the pilot line is via port E or via a 1/4" BSP tapping in the side of the block. Port E is designed to interface with the Moog E503 Solenoid Module. This enables an electrical signal to operate the logic elements. The module is supplied with plug A fitted.

Internal.

By replacing plug A by an orifice, there will be a time delay between applying pressure to port P and unlocking the logic elements. This feature provides a turn-on transient isolator.

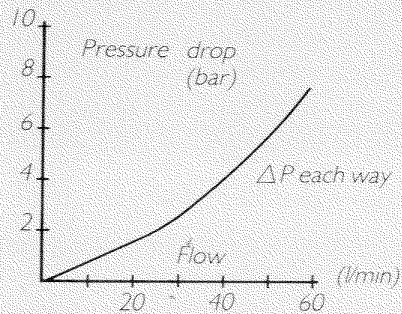
Specification

Maximum pressure, 315 bar.

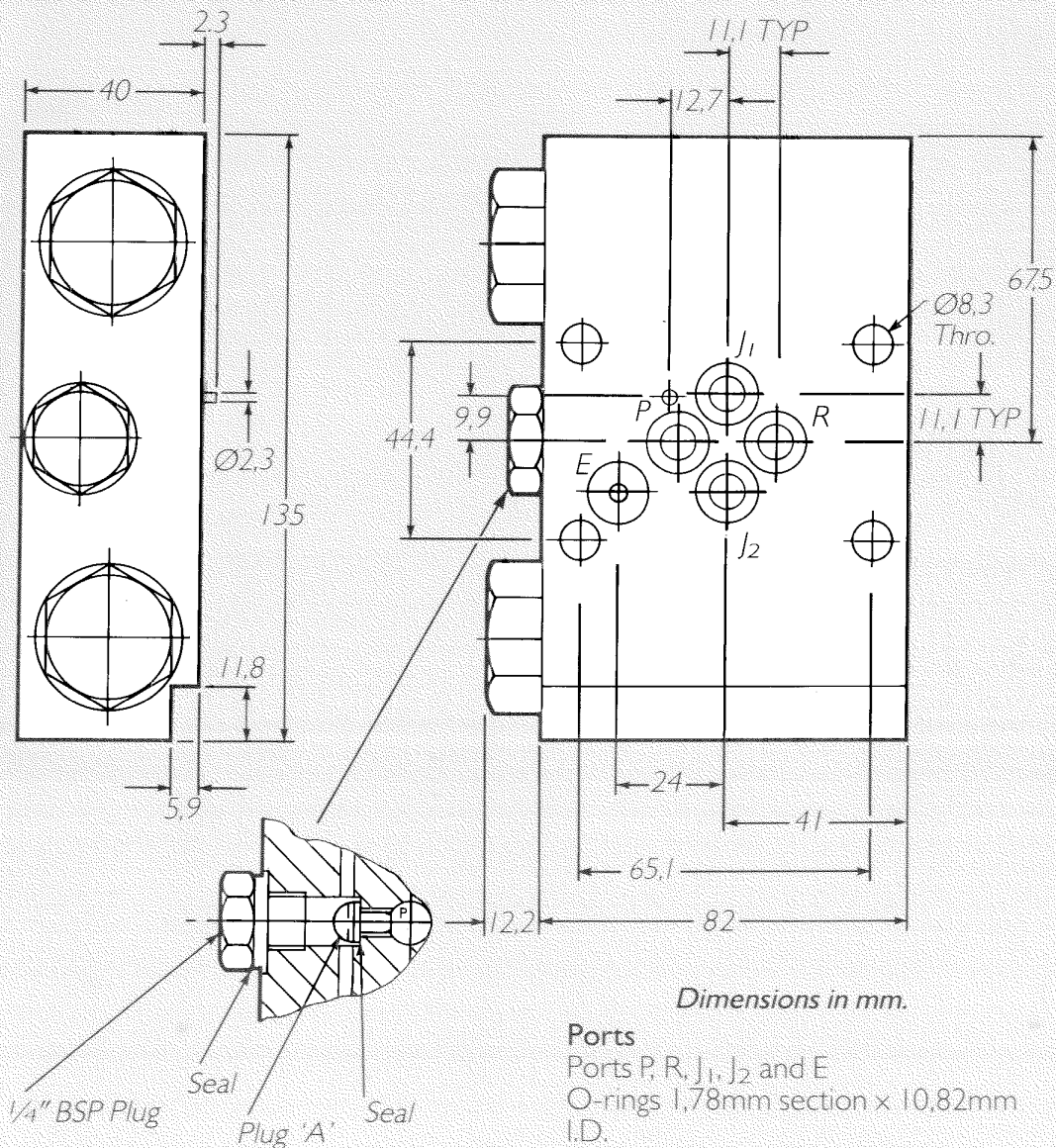
Seal material, Buna N for petroleum based hydraulic oils, water-oil emulsions or water-glycol mixtures. Other seal materials available on request.

Pilot operating pressure, either element will open when the E line pressure exceeds $0.55 P_J + 0.44 P_C$.

Performance



Installation



Dimensions in mm.

Ports

Ports P, R, J_1 , J_2 and E
O-rings 1,78mm section x 10,82mm I.D.

We reserve the right to alter specification without prior notice.
For full installation details please consult Moog.

MOOG

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