



A normally open modulating element, used as a restrictive compensator, ensures a constant pressure drop across an external orifice to create a pressure compensated flow control. The resulting flow remains constant regardless of variations in upstream or downstream pressure.

A ball shuttle connects the after orifice signal from the higher of port 3 or 4 to the pilot area.

TECHNICAL DATA

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

| | |
|-------------------------------|-------------------------|
| Nominal Compensating Pressure | 14 bar |
| Maximum Operating Pressure | 350 bar |
| Seal kit - Cartridge | Buna: 990021007 |
| Seal kit - Cartridge | Polyurethane: 990021002 |
| Seal kit - Cartridge | Viton: 990021006 |

CONFIGURATION OPTIONS

Model Code Example: LPDSXHN

| | | | |
|------------------|----------------------------------|--------------------------|------------|
| CONTROL | (X) DIFFERENTIAL PRESSURE | (H) SEAL MATERIAL | (N) |
| X Not Adjustable | H 200 psi (14 bar) | N Buna-N | V Viton |