



**CONFIGURATION**

|                                |                          |                |
|--------------------------------|--------------------------|----------------|
| <b>X</b>                       | Control                  | Not Adjustable |
| <b>E</b>                       | Minimum Control Pressure | 75 psi (5 bar) |
| <b>N</b>                       | Seal Material            | Buna-N         |
| <b>(none)</b> Material/Coating |                          |                |

Spring-offset, high-side shuttle cartridges are 2-position valves that have a normal (offset) position that connects the common port (port 3) to work port 4, with work port 2 blocked. When the pressure at port 2 rises above the pressure at port 4, the cartridge shifts to connect the common port to port 2 with port 4 then blocked.

**TECHNICAL DATA**

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

|   |                         |
|---|-------------------------|
| Maximum Operating Pressure                | 350 bar                 |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 15 cc/min.@70 bar       |
| Seal kit - Cartridge                      | Buna: 990031007         |
| Seal kit - Cartridge                      | Polyurethane: 990031002 |
| Seal kit - Cartridge                      | Viton: 990031006        |

**CONFIGURATION OPTIONS**

Model Code Example: DSCOXEN

| <b>CONTROL</b>          | <b>(X) MINIMUM CONTROL PRESSURE</b>                | <b>(E) SEAL MATERIAL</b>          | <b>(N) MATERIAL/COATING</b>  |
|-------------------------|--|-----------------------------------|--|
| <b>X</b> Not Adjustable | <b>E</b> 75 psi (5 bar)<br><b>C</b> 30 psi (2 bar) | <b>N</b> Buna-N<br><b>V</b> Viton | <b>Standard Material/Coating</b><br>/AP Stainless Steel, Passivated<br>/LH Mild Steel, Zinc-Nickel |