



This is a normally closed, balanced poppet, switching element. When pilot pressure is applied to port 3, the poppet remains closed until the pilot pressure reaches the setting established by the integral pilot relief stage, at which point the poppet shifts to the open position.

TECHNICAL DATA

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

| | |
|--|-------------------------|
| Minimum Pilot Pressure Required to Shift Valve | 28 bar |
| Maximum Operating Pressure | 350 bar |
| Control Pilot Flow | See Performance Data |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 0,7 cc/min.@350 bar |
| Locknut Hex Size | 15 mm |
| Locknut Torque | 9 - 10 Nm |
| Seal kit - Cartridge | Buna: 990021007 |
| Seal kit - Cartridge | Polyurethane: 990021002 |
| Seal kit - Cartridge | Viton: 990021006 |

CONFIGURATION OPTIONS

Model Code Example: DKDPLAN

| CONTROL | (L) ADJUSTMENT RANGE | (A) SEAL MATERIAL | (N) MATERIAL/COATING |
|---|--|-------------------|---------------------------------|
| L Standard Screw Adjustment | A 400 - 3000 psi (28 - 210 bar), 1000 psi (70 bar) Standard Setting | N Buna-N | Standard Material/Coating |
| C Tamper Resistant - Factory Set | B 400 - 1500 psi (28 - 105 bar), 1000 psi (70 bar) Standard Setting | V Viton | /AP Stainless Steel, Passivated |
| K Handknob | W 400 - 4500 psi (28 - 315 bar), 1000 psi (70 bar) Standard Setting | | /LH Mild Steel, Zinc-Nickel |