



This valve is a 2-way, 2-position proportional throttle. Ports 2 and 3 are normally closed. Pilot pressure at port 1 creates a metering orifice between port 2 and 3 that is proportional to the pressure at 1. The force balance of the flow forces, spring and pilot pressure results in a degree of partial self-compensation as the load pressure changes.

Pressure at port 4 directly opposes pressure at port 1.

**TECHNICAL DATA**

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

|  |                         |
|--|-------------------------|
| Maximum Operating Pressure                             | 350 bar                 |
| Maximum Valve Leakage at 110 SUS (24 cSt)              | 65 cc/min.@70 bar       |
| Pilot Volume Displacement                              | 1,6 cc                  |
| Minimum Pilot Pressure to Operate                      | 7 bar                   |
| Hysteresis   | ± 2 %                   |
| Adjustment - No. of CW Turns from Min. to Max. setting | 5                       |
| Locknut Hex Size                                       | 15 mm                   |
| Locknut Torque   | 9 - 10 Nm               |
| Seal kit - Cartridge                                   | Buna: 990023007         |
| Seal kit - Cartridge                                   | EPDM: 990023014         |
| Seal kit - Cartridge                                   | Polyurethane: 990023002 |
| Seal kit - Cartridge                                   | Viton: 990023006        |

**CONFIGURATION OPTIONS**

**Model Code Example: FKGA**XCN

| CONTROL             | (X) | SPOOL CONFIGURATION | (C) | SEAL MATERIAL | (N) |
|---------------------|-----|---------------------|-----|---------------|-----|
| X Not Adjustable    |     | C Normally Closed   |     | N Buna-N      |     |
| L Tuning Adjustment |     |                     |     | E EPDM        |     |
|                     |     |                     |     | V Viton       |     |