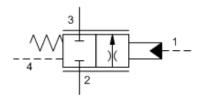
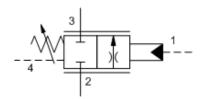


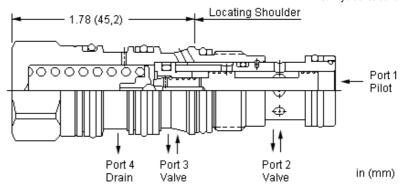
2-way, pilot-shifted, proportional throttle, high capacity SERIES 1 / CAPACITY: 34 L/min. / CAVITY: T-21A



sunhydraulics.com/model/FKC/







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) | 30 cc/min.@70 bar |
| Pilot Volume Displacement | 0,33 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: 990021007 |
| Seal kit - Cartridge | Polyurethane: 990021002 |
| Seal kit - Cartridge | Viton: 990021006 |

CONFIGURATION OPTIONS

Model Code Example: FKCAXCN

| CONTROL | (X) SPOOL CONFIG | URATION (C) | SEAL MATERIAL | (N) |
|---------------------|------------------|-------------|----------------|-----|
| X Not Adjustable | C Normally Clos | ed | N Buna-N | |
| L Tuning Adjustment | | | V Viton | |

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