



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

| | |
|---|---------------------------|
| cavidad | T-31A |
| Series | 1 |
| Capacity | 1 - 6 L/min. |
| Maximum Operating Pressure | 350 bar |
| Divisional Accuracy at Max Input Flow | 50% ±2.0% |
| Divisional Accuracy at Minimum Input Flow | 50% ±3.5% |
| Pressure Drop at Maximum Rated Input Flow | 24 bar |
| Pressure Drop at Minimum Rated Input Flow | 2 bar |
| Valve Hex Size | 22,2 mm |
| Valve Installation Torque | 41 - 47 Nm |
| Model Weight | 0.16 kg. |
| Seal kit - Cartridge | Buna: 990-031-007 |
| Seal kit - Cartridge | Polyurethane: 990-031-002 |
| Seal kit - Cartridge | Viton: 990-031-006 |
| Seal kit - Cartridge | Buna: 990-031-007 |
| Seal kit - Cartridge | Polyurethane: 990-031-002 |
| Seal kit - Cartridge | Viton: 990-031-006 |

OPTION SELECTION EXAMPLE: FSAAXAN

| CONTROL | (X) | FLOW SPLIT | (A) | SEAL MATERIAL | (N) | MATERIAL/COATING |
|-------------------------|-----|----------------|-----|-----------------|-----|--|
| X Not Adjustable | | A 50/50 | | N Buna-N | | Standard Material/Coating |
| | | | | E EPDM | | /AP Stainless Steel, Passivated |
| | | | | V Viton | | |

PERFORMANCE CURVES

| Split | Input Flow | | Rated Accuracy | Maximum Possible Flow Variation |
|-------|------------|---------|----------------|---------------------------------|
| | Max | Rated | | |
| 50:50 | 1.5 gpm | 6 L/min | ±2.0% | .72 - .78 gpm |
| | | | | 2.9 - 3.1 L/min |
| | .3 gpm | 1 L/min | ±3.5% | .14 - .16 gpm |
| | | | | 0.47 - 0.54 L/min |

The maximum possible variation is at 5000 psi (350 bar) differential between legs with the high pressure leg being the higher flow in dividing mode and the lower flow in combining mode.