



Flow dividers are sliding-spool, pressure-compensated devices used to split oil flow to two different branches of a circuit in a designated ratio. These valves are suitable for applications that use the following: unidirectional hydraulic motors, hydraulic cylinders where flow division in one direction only is required, and multiple circuits that are serviced from one pump supply.

TECHNICAL DATA

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

| | |
|---|-------------------------|
| Maximum Operating Pressure | 350 bar |
| Divisional Accuracy at Minimum Input Flow | ±6.5% |
| Divisional Accuracy at Max Input Flow | ±3.5% |
| Pressure Drop at Minimum Rated Input Flow | 2 bar |
| Pressure Drop at Maximum Rated Input Flow | 18 bar |
| Rated Input Flow with 50/50 Split | 23 - 120 L/min. |
| Rated Input Flow with 40/60 Split | 19 - 95 L/min. |
| Rated Input Flow with 33/67 Split | 17 - 85 L/min. |
| Seal kit - Cartridge | Buna: 990033007 |
| Seal kit - Cartridge | Polyurethane: 990033002 |
| Seal kit - Cartridge | Viton: 990033006 |

CONFIGURATION OPTIONS

Model Code Example: FSEDXAN

| CONTROL | (X) FLOW SPLIT | (A) SEAL MATERIAL | (N) MATERIAL/COATING |
|-------------------------|--|--|--|
| X Not Adjustable | A 50/50 B 40/60 C 33/67 | N Buna-N E EPDM V Viton | Standard Material/Coating /AP Stainless Steel, Passivated |