

STANDARD CHARACTERISTICS

REGULATING

| | |
|------------------------|---|
| Inlet pressure : | 0.05 to 8.6 bar |
| Outlet pressure : | BP 13 to 180 mbar TR 180 to 500 mbar |
| Standard Temperature : | -25 to +60 °C |
| Capacity : | 0 to 120 Scm/h |

SAFETY FEATURE

Slam shut (cut off of the flow by a slam shut) on :

- Excessive flow
- Outlet pressure below specification
- Inlet pressure below specification
- Serious 2nd stage diaphragm rupture to atmosphere
- Outlet pressure above specification (relief valve)
- Slight 2nd stage diaphragm damage (vent)

Built-in filter placed at regulator's inlet.- 500 mm² (0.775 inch²), efficiency 100 µm.

INTEGRATED OPTIONALS

Low temperatures -40 to +60°C

Over pressure shut-off device. (OPSO).

Antireset device - Inlet and outlet test point.

Inlet valve - (only in without OPSO version)

| Model | Nominal flow rate (scmh) | Min inlet pressure to guarantee the nominal flow rate (bar) with respect to the outlet pressure Pd | Maximum flow rate (scmh) | Excessive flow rate valve setting up to (scmh) |
|-------|--------------------------|--|--------------------------|--|
| FE6 | 6 | Pd+0.15 | 7.2 | 9 |
| FE10 | 10 | Pd+0.2 | 12 | 15 |
| FE25 | 25 | Pd+0.3 | 30 | 37.5 |
| FE50 | 50 | Pd+0.5 | 60 | 75 |
| FEX1 | 75 | Pd+0.4 | 90 | 112.5 |
| FEXS | 100 | Pd+0.5 | 120 | 150 |

