

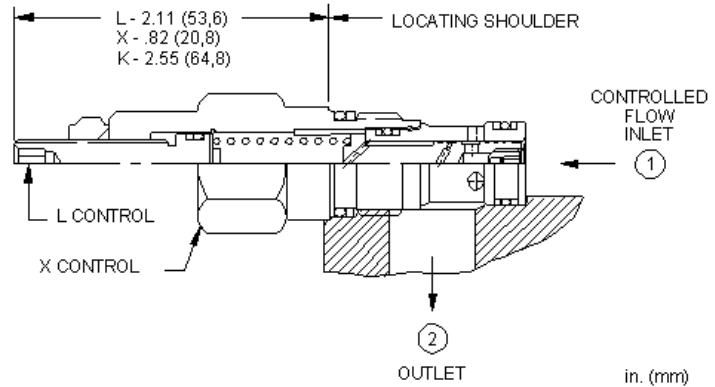
MODEL
FXBA

Fixed orifice, pressure compensated flow control valve
CAPACITY: 11 L/min. | CAVITY: T-162A



CONFIGURATION

| | | |
|---------------|------------------|---|
| X | Control | Not Adjustable |
| A | Setting Range | Replaceable Orifice .1 - 3 gpm (0,4 - 11 L/min.) |
| N | Seal Material | Buna-N |
| (none) | Material/Coating | Standard Material/Coating |



Fixed-orifice, pressure-compensated flow controls provide precise flow regulation for meter-in or meter-out applications where there may be wide pressure fluctuations. The flow setting is specified by the user and is set at the factory.

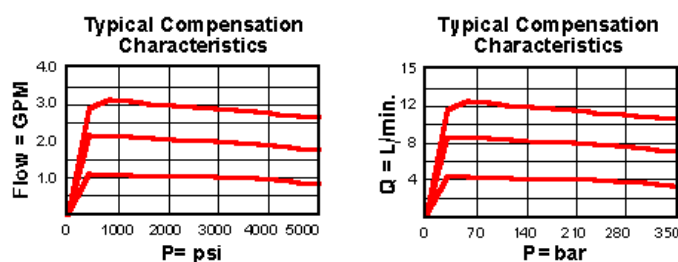
TECHNICAL DATA

| | |
|------------------------------------|---------------------------|
| Cavity | T-162A |
| Series | 0 |
| Capacity | 11 L/min. |
| Maximum Operating Pressure | 350 bar |
| Valve Hex Size | 19,1 mm |
| Valve Installation Torque | 27 - 34 Nm |
| Adjustment Screw Internal Hex Size | 4 mm |
| Locknut Hex Size | 15 mm |
| Locknut Torque | 9 - 10 Nm |
| Seal kit - Cartridge | Buna: 990-162-007 |
| Seal kit - Cartridge | Polyurethane: 990-162-002 |
| Seal kit - Cartridge | Viton: 990-162-006 |
| Model Weight | 0.07 kg. |

TECHNICAL FEATURES

- Customer must specify a flow rating. Factory set flow ratings are within +/- 15% of the requested setting.
- The tuneable control option provides +/- 20% variation from the nominal factory pre-set flow. Turn the adjustment clockwise to increase.
- All 2-port flow control cartridges are physically and functionally interchangeable (i.e. same flow path, same cavity for a given frame size). However, cartridge extension dimensions from the mounting surface may vary.
- The sharp-edged orifice design minimizes flow variations due to viscosity changes.
- Incorporates the Sun floating style construction to minimize the possibility of internal parts binding due to excessive installation torque and/or cavity/cartridge machining variations.

PERFORMANCE CURVES



CONFIGURATION OPTIONS

CONTROL

| | | |
|-------------------|---|-------------------|
| Preferred Options | L | Tuning Adjustment |
| | X | Not Adjustable |
| Standard Options | K | Handknob |

SETTING RANGE

| | | |
|-------------------|---|--|
| Preferred Options | A | Replaceable Orifice .1 - 3 gpm (0,4 - 11 L/min.) |
|-------------------|---|--|

SEAL MATERIAL

| | | |
|-------------------|---|--------|
| Preferred Options | N | Buna-N |
| Standard Options | V | Viton |

MATERIAL/COATING

| | | |
|------------------|-----|-----------------------------|
| Standard Options | | Standard Material/Coating |
| | /AP | Stainless Steel, Passivated |

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