

# BE Inline Regulator

Aimed to reduce your inventory costs



**The BE packs powerful performance in a small package**

The TESCO BE regulator can be used alone as a preset, single stage rough-cut regulator, or combined in series with any other TESCO single stage regulator to create a two-stage pressure reducer. The BE can also be used to provide a low pilot pressure to electronic pressure controllers like the ER3000, when the only available pressure source is a high pressure inert gas. By giving you the flexibility of using the BE alone or in tandem with other regulators, you can minimize the number of regulators stocked for your many applications.

#### **Advanced Features:**

- Material: Nickel-plated aluminium, brass and 316 stainless steel
- Positive shut-off for maximum safety
- Reverse decaying inlet characteristic for sensitive equipment applications
- Standard configuration is factory preset standard, not field adjustable
- Low flow applications:  $C_v = 0.02$ , up to 60 SCFM
- Up to 6,000 PSIG [413 bar] inlet, 0-500 PSIG [0-35 bar] outlet
- Various porting configurations for gauges and relief valves

*See flow curves on reverse side.*

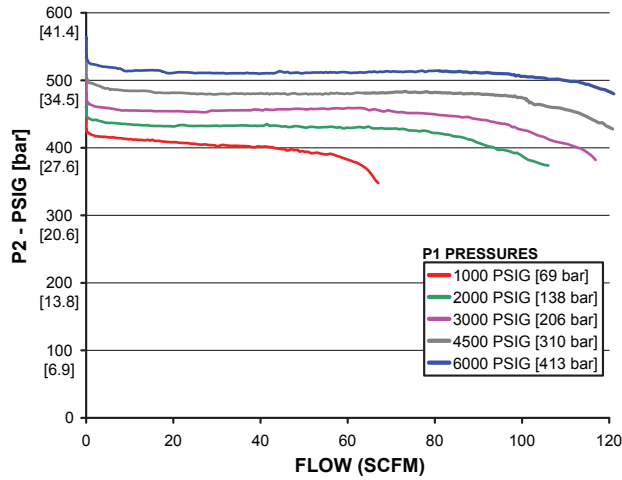
**TESCOM**

EMERSON. CONSIDER IT SOLVED.

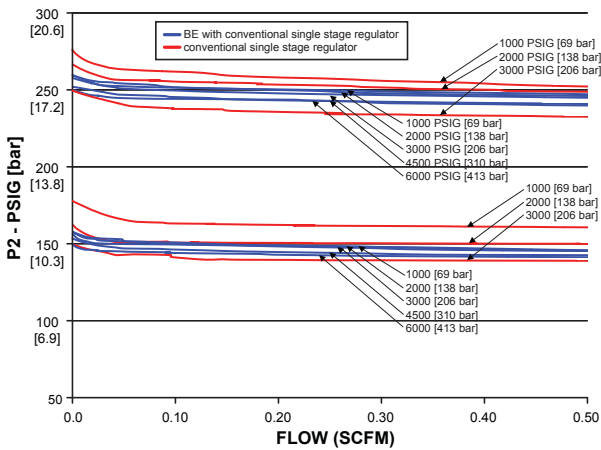
  
**EMERSON**<sup>™</sup>  
Process Management

# The proof is in the flow...

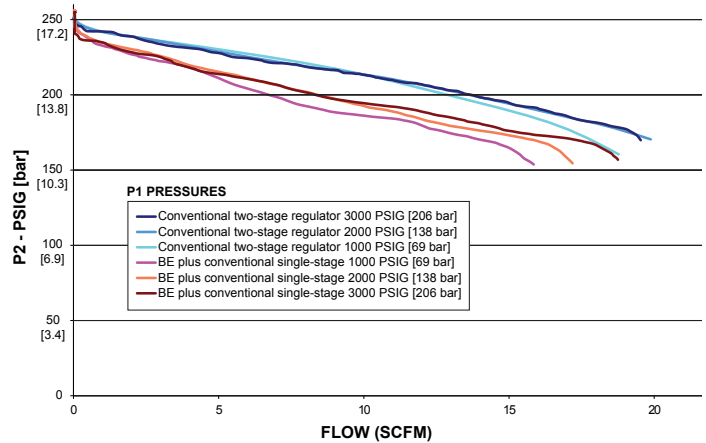
## BE Inline regulator



## Conventional single stage regulator vs. BE Inline regulator plus conventional single stage regulator



## Conventional two stage regulator vs. BE Inline regulator plus conventional single stage regulator



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