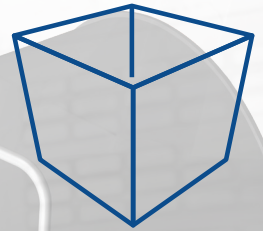


# Bettis™ VOS-PAC™ Cataloged Actuation Package



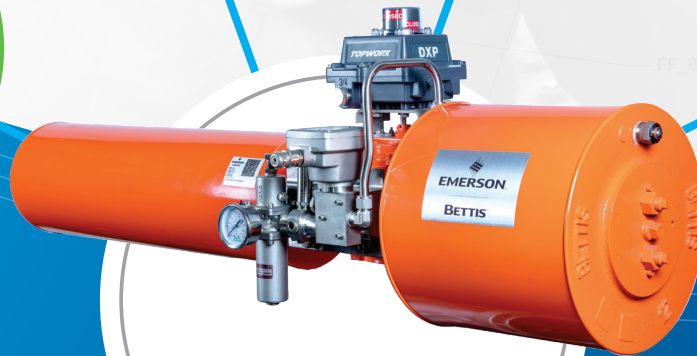
VOS-PAC



Pre-Engineered,  
Instant Pricing  
available via  
Online Sizing  
& Selection Tool.

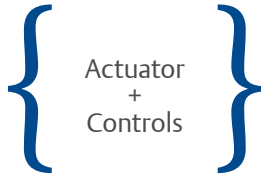


*Engineered* by Bettis™  
*Built and Tested* by Bettis™  
*Backed* by Bettis™

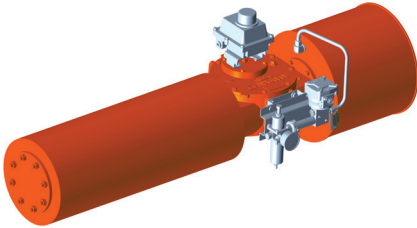


- Instant Pricing
- Preset, Pre-Designed, Pre-Engineered
- Modular Control
- 24/7 Online Databook
- Shorter Lead Time

## Cataloged VOS Solution

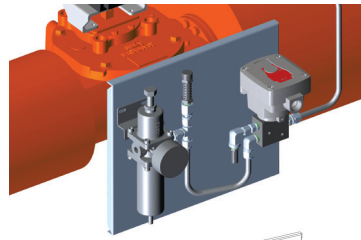


**VOS™**  
Valve Operating System

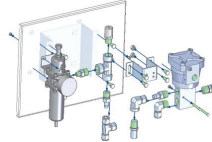


## Modular Control Systems

### Engineer-to-Order (ETO)

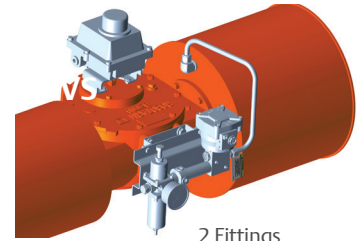


8 Fittings  
3 Tubes  
2 Accessory Brackets  
16 Fasteners  
1 Panel



**VS**

### Bettis VOS-PAC



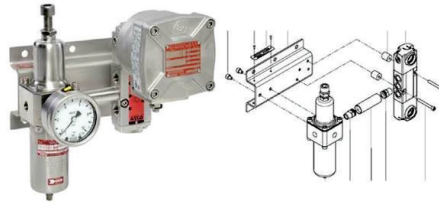
2 Fittings  
2 Tubes  
4 Fasteners

## Benefits of Modular Design

- Pre-engineered solution
- Single supplier to manager; 3-4 week lead time for entire controls
- Pre-assembled, ready-to-use system results in reduced labor costs
- Elimination of fittings and tubing within the control system
- Optimized flow path, better stroking times
- Optimization of mounting panel and kits

## True Modular Control System

Every part can be disassembled and replaced easily by taking off for maintenance and repairs.



## Specifications

**Supply Media:**  
Instrument Air

**Supply Pressure Range:**  
60 to 120 psig

**Actuator Sizing Pressure:**  
60 psig or 80 psig

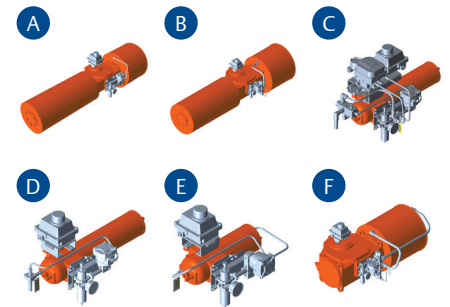
**Standard Operating Temp. Range:**  
-25°C to +60°C

(\*Optional high or low temperature trims available. Consult factory.)

## Control Type Configurations

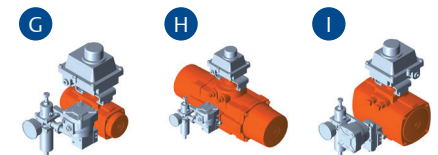
SCOTCH YOKE

- CONTROL TYPE A** Spring Return - Shutdown for Small Torque Range
- CONTROL TYPE B** Spring Return - Shutdown for Large Torque Range
- CONTROL TYPE C** Spring Return - Shutdown with Smart Positioner
- CONTROL TYPE D** Spring Return - Fast Shutdown through Quick Exhaust Valve
- CONTROL TYPE E** Double Acting - Shutdown for Small Torque
- CONTROL TYPE F** Double Acting - Shutdown for Large Torque



RACK & PINION

- CONTROL TYPE G** Spring Return - Shutdown for Small Torque Range
- CONTROL TYPE H** Spring Return - Shutdown for Large Torque Range
- CONTROL TYPE I** Double Acting - Shutdown



For additional VOS-PAC configurations, consult factory.

Contact us at [marketing.actuationtechnologies@emerson.com](mailto:marketing.actuationtechnologies@emerson.com)