



Positioner Ordering

DVC6000 & DVC6200

Where to start

- Minimum needed to get a quote for further **Review, Revision, & Acceptance**

Positioners – Stand Alone Units

- Stand-alone units require information about other components being attached to make sure they are compatible, especially when they are not ordered with those components.
- Frequently, valves and actuators are “made to work” in the field – let us know if there are any signs of modifications or machining to help us better understand any differences from standard construction.
- Receiving a PO is considered as acceptance of any information communicated, and of the detailed construction included in the Quote.

All Positioners need Actuator information regarding Type, Size, and Travel

- **Communication** requires DVC6000 or DVC6200
- **Pneumatic or Electro-Pneumatic** with *no communication* use a 3600 or 3582
- **For Rotary Valves** – Vee-ball or Butterfly V150, V100, V200, V300 or 8500's
 - Positioner models **3600, DVC6000, and DVC6200**
 - Actuator type, size, and travel – common models 1051, 1052, 1061, 1066, 2052
- **For Sliding Stem Valves** – E-bodies ED, ES, ET, or EZ
 - Positioner models **3582, 3582i, DVC6000, and DVC6200**
 - Actuator type, size, and travel – common models 657, 667; less frequent 470, 480, 513, 585, 655, 656
- **Type of actuator** determines **Single or Double Acting**
 - Spring-return will need single acting, while no spring will need double acting
 - Double acting actuators include but are not limited to: 1061, 1066, 585

- **Type, Size, & Travel** is **CRITICAL Information** which affects other components and mounting parts needed
 - For example – type 667 size 30 with ¾” Travel which is Single Acting, and Direct with appropriate travel arms, cams, gauges, etc. as needed
- **Direct or Reverse** – consider upstream and downstream process conditions when determining valve fail action – default is Direct unless specifically stated otherwise

DVC6000 & DVC6200 can be configured (model in blue) for either Rotary or Sliding Stem Actuator Type

- **Input** – 4-20 mA with minimum voltage requirements for operation and communication
- **Rotary** is a **DVC6020** – Quarter-Turn Rotary Applications will be a **DVC6030**
- **Sliding stem** will be **DVC6010** – Travel requiring long-stroke over 4” will be **DVC6020** or **DVC6200**
- **Single or Double Acting** – relay installed and configured depends on action of actuator
 - **DVC6200** – available as **-101** for Single Acting, or **-102** for Double Acting actuator
- **Instrument Level** – compatible with HART communicators unless specified for Fieldbus
 - HART (**HC**), Advanced Diagnostics (**AD**), or Performance Diagnostics (**PD**)
 - FOUNDATION Fieldbus (**FD**), Advanced Diagnostics (**AD**), or Performance Diagnostics (**PD**)
- **Gauges** – based on your output these are available as 60 psi (**G60P**), or 160 psi (**G160P**)
 - Three 160 psi gauges are default on Double Acting – only two gauges on Single Acting
 - Dual psi/BAR gauges are also available as 60 psi (**G60B**), or 160 psi (**G160B**)
- **Mounting** – appropriate mounting kit is critical based on actuator type, size, and travel
 - DVC6000 has a physical connection of different Cams, Arms, and other feedback components
 - DVC6200 has a magnetic linkage-less connection with different magnetic arrays
- **Position Feedback** – available as **I/O** option on DVC6200, or use a position transmitter such as 304 or 4200
- **Air Filter Regulator** – always include on Positioners, especially when attached to valves
 - Clean supply air is critical to proper pneumatic function

Sales and Product Support: 800-325-4808

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