

Selection | 1199 Series

1199-26 SERIES

The North American 1199-26 butterfly valve assemblies are designed for control of natural gas as well as air for pressures up to 25 psi (depending on size) and temperatures up to 400°F. They are not for tight shutoff. Butterfly valves have no appreciable pressure drop when wide open in full size pipe allowing efficient handling of flows and velocities of normal combustion systems. For additional specifications and sizing information see 1126 literature □.

Electronic Linearization Function (available on the 1615-H and 1615-K models only). The circuit board electronically converts the input signal to match the flow characteristics of a typical butterfly valve. Consequently, the actuator will make smaller rotational movements when subjected to lower input signals and larger rotational movements when subjected to higher input signals. For example (based on a 90° modulating range), a change in input signal from 4 to 8 mA (25% increase) will cause a rotational movement of 11.25°. An equal signal change from 16 to 20 mA will cause a rotational movement of 45°. The linearization function can easily be enabled or disabled by re-positioning a jumper on the circuit board.

SELECTION

Determine valve designation (see 1126 literature □ for sizing information) and actuator model designation (see "Actuator Selection" section [see 1615 literature † for additional information]). After determining valve and actuator that is desired, use the following 1199-26 Selection Chart to designate the 1199-26 series motorized valve assembly.

Note: 1199-26 series is not available with the Beck 31 actuator.

1199-26 SELECTION CHART

1199	1615-B	1615-D	1615-E	1615-K	1615-N	1615-W	1615-X	1615-Y
1126-0Q	1199-0B-26	1199-0D-26	1199-0E-26	1199-0K-26	1199-0N-26	1199-0W-26	1199-0X-26	1199-0Y-26
1126-1Q	1199-1B-26	1199-1D-26	1199-1E-26	1199-1K-26	1199-1N-26	1199-1W-26	1199-1X-26	1199-1Y-26
1126-2Q	1199-2B-26	1199-2D-26	1199-2E-26	1199-2K-26	1199-2N-26	1199-2W-26	1199-2X-26	1199-2Y-26
1126-3Q	1199-3B-26	1199-3D-26	1199-3E-26	1199-3K-26	1199-3N-26	1199-3W-26	1199-3X-26	1199-3Y-26
1126-4Q	1199-4B-26	1199-4D-26	1199-4E-26	1199-4K-26	1199-4N-26	1199-4W-26	1199-4X-26	1199-4Y-26
1126-5Q	1199-5B-26	1199-5D-26	1199-5E-26	1199-5K-26	1199-5N-26	1199-5W-26	1199-5X-26	1199-5Y-26
1126-6Q	1199-6B-26	1199-6D-26	1199-6E-26	1199-6K-26	1199-6N-26	1199-6W-26	1199-6X-26	1199-6Y-26
1126-7Q	1199-7B-26	1199-7D-26	1199-7E-26	1199-7K-26	1199-7N-26	1199-7W-26	1199-7X-26	1199-7Y-26
1126-7-FQ	1199-7B-26F	1199-7D-26F	1199-7E-26F	1199-7K-26F	1199-7N-26F	1199-7W-26F	1199-7X-26F	1199-7Y-26F
1126-8Q	1199-8B-26	1199-8D-26	1199-8E-26	1199-8K-26	1199-8N-26	1199-8W-26	1199-8X-26	1199-8Y-26
1126-8-FQ	1199-8B-26F	1199-8D-26F	1199-8E-26F	1199-8K-26F	1199-8N-26F	1199-8W-26F	1199-8X-26F	1199-8Y-26F
1126-9Q	1199-9B-26	1199-9D-26	1199-9E-26	1199-9K-26	1199-9N-26	1199-9W-26	1199-9X-26	1199-9Y-26
1126-10Q	1199-10B-26	1199-10D-26	1199-10E-26	1199-10K-26	1199-10N-26	1199-10W-26	1199-10X-26	1199-10Y-26
1126-12Q	1199-12B-26	1199-12D-26	1199-12E-26	1199-12K-26	1199-12N-26	1199-12W-26	1199-12X-26	1199-12Y-26
1126-14Q	1199-14B-26	1199-14D-26	1199-14E-26	1199-14K-26	1199-14N-26	1199-14W-26	1199-14X-26	1199-14Y-26
1126-16Q	1199-16B-26	1199-16D-26	1199-16E-26	1199-16K-26	1199-16N-26	1199-16W-26	1199-16X-26	1199-16Y-26

1199-26 Selection Example:

For a packaged assembly consisting of the 1126-5Q □ valve size with a 1615-B actuator, select 1199-5B-26.

† **Bulletin 1615:** *Actuator/Control Motor selection; Sheet 1615-1: Instruction Manual 1615: Installation and Operation Manual and specification.*

○ The 1126 designation suffix "Q" not found in the standard 1126 literature indicates the special direct-coupled model required with the 1199 assembly.

□ **Bulletin 1123/24/26:** *Butterfly Valves.*



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