

Selection | 1199 Series

1199-04 SERIES

The North American 1199-04 adjustable port valve assemblies are designed for control of combustion air up to 3 psi and temperatures up to 300°F. They are not for tight shutoff and cannot be used for fuel gases. The 1199-04 series have an adjustable port feature. These low torque, rotary plug valves have a manually adjustable curtain design that can change the valve port area while still utilizing 100% of valve stroke. Turning the curtain adjusting knob changes port opening so valve can constitute optimum resistance in the system for preferred control characteristics without compromising resolution because control valve travel has not been reduced. This feature allows custom sizing of valve port relative to downstream resistances to match specific system requirements. For additional specifications and sizing information see 1004 literature*.

SELECTION

Determine valve designation (see 1004 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 1199-04 Selection Chart to designate the 1199-04 series motorized valve assembly.

Note: 1199-04 series is not available with the Beck 31 actuator.

1199-04 SELECTION CHART

1199	1615-B	1615-D	1615-E	1615-K	1615-N	1615-W	1615-X	1615-Y
1004-3-BQ	1199-3-BB-04	1199-3-BD-04	1199-3-BE-04	1199-3-BK-04	1199-3-BN-04	1199-3-BW-04	1199-3-BX-04	1199-3-BY-04
1004-4-BQ	1199-4-BB-04	1199-4-BD-04	1199-4-BE-04	1199-4-BK-04	1199-4-BN-04	1199-4-BW-04	1199-4-BX-04	1199-4-BY-04
1004-4-CQ	1199-4-B-04	1199-4-CD-04	1199-4-CE-04	1199-4-CK-04	1199-4-CN-04	1199-4-CW-04	1199-4-CX-04	1199-4-CY-04
1004-5-CQ	1199-5-CB-04	1199-5-CD-04	1199-5-CE-04	1199-5-CK-04	1199-5-CN-04	1199-5-CW-04	1199-5-CX-04	1199-5-CY-04
1004-6-CQ	1199-6-CB-04	1199-6-CD-04	1199-6-CE-04	1199-6-CK-04	1199-6-CN-04	1199-6-CW-04	1199-6-CX-04	1199-6-CY-04
1004-6-DQ	1199-6-DB-04	1199-6-DD-04	1199-6-DE-04	1199-6-DK-04	1199-6-DN-04	1199-6-DW-04	1199-6-DX-04	1199-6-DY-04
1004-7-DQ	1199-7-DB-04	1199-7-DD-04	1199-7-DE-04	1199-7-DK-04	1199-7-DN-04	1199-7-DW-04	1199-7-DX-04	1199-7-DY-04
1004-8-DQ	1199-8-DB-04	1199-8-DD-04	1199-8-DE-04	1199-8-DK-04	1199-8-DN-04	1199-8-DW-04	1199-8-DX-04	1199-8-DY-04

1199-04 Selection Example:

For a packaged assembly consisting of the 1004-5-CQ‡ valve size with a 1615-B actuator select, 1199-5-CB-04.

* **Specifications 1004-14:** *Adjustable port air valves—capacities; Bulletin 1008A:* *Adjustable port valves; Instructions & Parts List 1004/14:* *Instructions and parts list.*

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

‡ The 1004 designation suffix "Q" not found in the standard 1004 literature indicates the special direct-coupled model required with the 1199 assembly.

