



Bear Throttling Combos

Standard Solar Ready 1/4 Turn Actuators & Valves

A reliable throttling 1/4 turn valve requires outstanding performance in both the actuator and valve. To achieve this Calscan uses the low power and extensively tested Bear BAQ electric actuators combined with BTE chokes and the Hydroplex MiniMax/CSX valve with its low maintenance twin tungsten carbide disc trim technology.

www.calscan.net
780-944-1377

Other actuator 1/4 turn throttling valve combinations are possible, call for application assistance



MiniMax

1 and 2 inch NPT

Class IV Leakage

Maximum Cv: 22.3

Actuator 1/4 Turn: BAQ-10GEY-15S/50

Lowest Cost back pressure control



CSX

1 or 2 inch NPT, RF, or RTJ

Class 150, 300, 600 and 1500

Class IV Leakage

Maximum Cv: 22.3

Actuator 1/4 Turn: BAQ-10GEY-15S/50

Easy Maintenance back pressure



BTE Choke

2 and 3 inch RF or RTJ

Class 1500 and Class 2500

Class IV Leakage

Maximum Cv: 28.04

Actuator 1/4 Turn: BAQ-40GEY-15S/200

High Pressure Wellhead Choke

Note: See Calscan or 3rd party valve manufactures data sheet for complete valve size and configuration information



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Standard Solar Ready Linear Actuators & Valves

Solar ready reliable linear actuators are hard to come by. The BA Linear series is custom made for Calscan to provide a low power solution to drive the common linear valves used on the wellsite . Field tested, reliable and zero-emission, using Bear Throttling solutions will help modernize your separator design.

Other actuator linear throttling valve combinations possible, call for application assistance



D Body

1 or 2 inch
Class 150 through 2500 Flanged
Class 3600 or 6000 NPT
RF or RTJ Flanges

Flow Characteristics: Equal percent
Unbalanced plug

Maximum Cv: 1in = 12.3 2in= 34.5
Actuator Linear: BA-6L or BA-15L



E Body

1, 1.25, 1.5, 2, 2.5, 3, 4, 6 inch
Class 150, 300 and 600
RF or RTJ Flanges

Flow Characteristics: Equal Percent or Linear
Balanced plug

Maximum Cv: 1in= 17.2 2in= 59.7 3in= 136 4in= 224
Actuator Linear: BA-6L or BA-15L



HPX Body

1, 2, 3, 4 & 6 inch Class 900 or 1500
1 & 2 inch Class 2500
RF or RTJ Flanges

Flow Characteristics: Equal Percent or Linear
Balanced plug

Maximum Cv: 2in= 41 3in= 92.7 4in= 165
Actuator Linear: BA-6L or BA-15L

Note: Not all linear trim sizes & pressures supported due to actuator thrust limitations
See valve manufactures data sheet for complete valve size and configuration information