

# Series CER

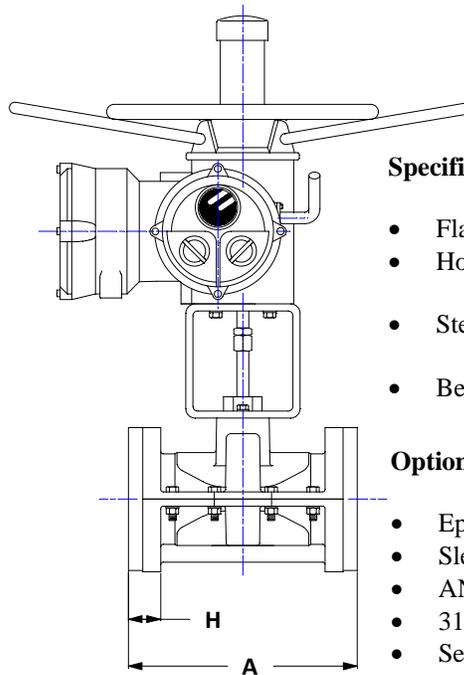
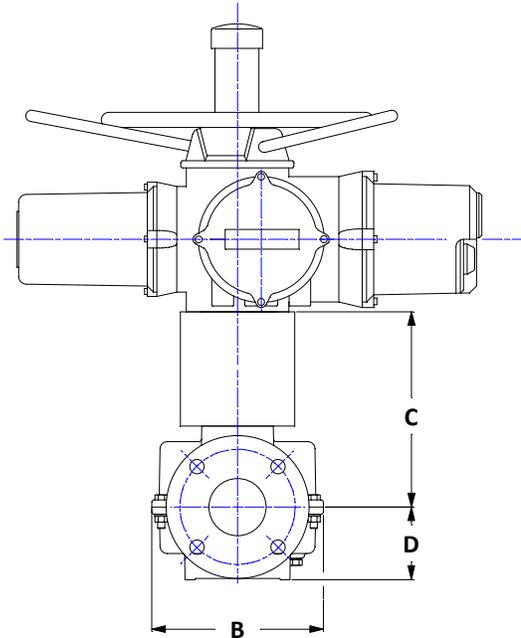
## Full Round, Single Pinch, Enclosed Construction, Electric Actuator Operated

- Low pressure drop
- No packing
- Drop tight closure
- On/Off or throttling service
- Long lasting compression molded sleeve

**Applications:** Ideal for automatic control of abrasive, viscous, and corrosive fluids including wastewater, mine slurry, chemicals, cement, pulp, powder and pellets.

**Operation:** The CER is a full round, single pinch electric operated valves. An electric motor drives a single pinch bar from the top against the rubber sleeve to pinch off flow.

**Construction:** Actuators are available with single and 3-phase motors. All electric actuators are supplied with an auxiliary hand wheel. 3-phase actuators come with reversing contactors, power supply, limit and torque switches, push buttons, selector switches and pilot lights.



### Specifications:

- Flanges: ANSI STD 125/150 lbs.
- Housing: Cast iron, ASTM A48, Class 35
- Stem & Pinch bar: 303 stainless steel
- Bearing: Bronze alloy

### Options:

- Epoxy paint
- Sleeve elastomer
- ANSI STD 300lbs. Flange
- 316 stainless steel stem
- Secondary containment package
- Positioners
- Limit switches

All dimensions are in inches.

SIZE	1/2	3/4	1	1-1/2	2	2-1/2	3
A	4.25	5.50	5.50	6.50	7.00	7.50	12.00
B	3.75	3.87	4.75	5.25	6.25	9.25	9.00
C	4.93	5.06	7.34	7.62	7.00	10.00	10.25
D	1.93	2.00	2.18	2.56	3.06	3.56	3.81
H	0.69	0.75	0.84	0.97	1.12	1.25	1.69
P Max	200 psi					175 psi	
Wt, Lb	10	12	15	21	27	35	47

# Series CEP

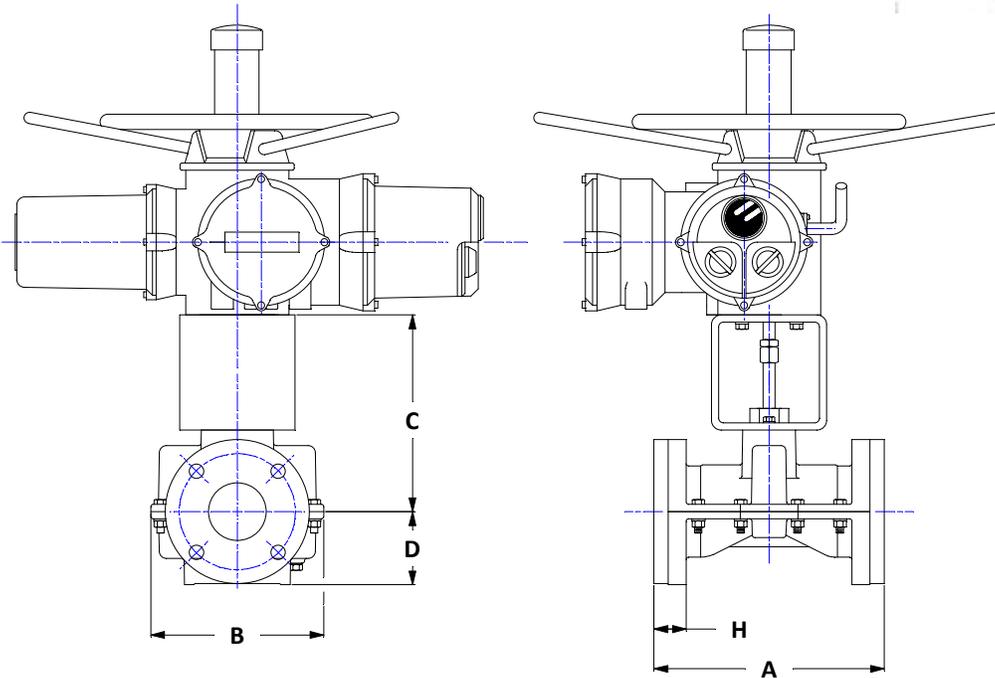
## Pre-Pinched, Single Pinch, Enclosed Construction, Electric Actuator Operated

- Low pressure drop
- No packing
- Drop tight closure
- On/Off or throttling service
- Long lasting compression molded sleeve

**Applications:** Ideal for automatic control of abrasive, viscous, and corrosive fluids including wastewater, mine slurry, chemicals, cement, pulp, powder and pellets.

**Operation:** The CEP is a pre-pinched on centerline, single pinch electric operated valves. An electric motor drives a single pinch bar from the top against the rubber sleeve to pinch off flow.

**Construction:** Actuators are available with single and 3-phase motors. All electric actuators come with auxiliary hand wheel. 3-phase actuators come with reversing contactors, power supply, limit and torque switches, push buttons, selector switches and pilot lights.



### Specifications:

- Flanges: ANSI STD 125/150 lbs.
- Housing: Cast iron, ASTM A48, Class 35
- Stem & Pinch bar: 303 stainless steel
- Bearing: Bronze alloy

### Options:

- Epoxy paint
- Sleeve elastomer
- ANSI STD 300lbs. flange
- 316 stainless steel stem
- Secondary containment package
- Positioners
- Limit switches

All dimensions are in inches.

SIZE	4	6	8	10	12	14	16	18	20	24
A	9.00	17.75	21.37	26.50	29.00	28.00	32.00	36.00	40.00	48.00
B	13.5	20.12	22.75	26.25	32.00	34.37	40.50	43.75	50.50	60.50
C	10.56	12.68	17.43	20.50	22.68	23.68	28.12	29.12	37.65	42.25
D	4.62	5.75	7.00	8.25	9.75	13.68	16.12	17.12	19.65	22.25
H	1.31	1.87	1.61	1.81	2.25	2.75	3.37	3.37	3.50	3.50
P Max	150 psi				100 psi					
Wt, Lb	90	150	350	550	800	1,000	1,700	2,000	3,000	4,300

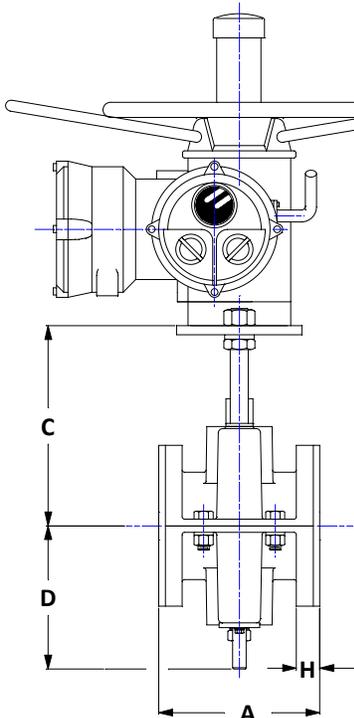
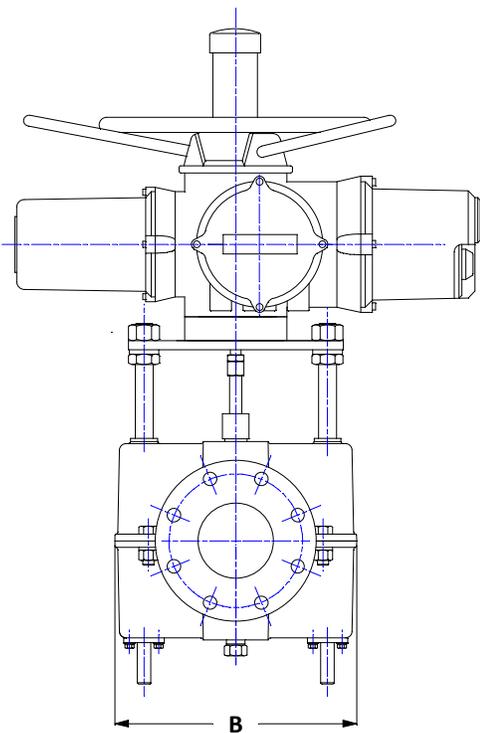
# Series DEC

## Full Round, Dual Pinch, Enclosed Construction, Electric Actuator Operated

- Clog resistant full round opening
- Low pressure drop
- No packing
- Drop tight closure
- High efficiency stainless steel ACME stem for easy operation
- Complete motorized actuator includes starters, power supply, limit switches, auxiliary Hand wheel, push buttons and selector switch
- Valves come fully assembled, calibrated and tested for plug & play operation.

**Applications:** Ideal for abrasive, viscous and corrosive fluids including wastewater, mine slurries, chemicals, cement, pulp stock, powder and pellets.

**Operation:** The DEC is a full round dual pinch valve. The electric motor rotates a bronze nut that drives a pair of pinch bars against the rubber sleeve pinching off flow at centerline.



### Specifications:

- Flange: ANSI STD 125/150 lbs.
- Housing: Cast iron, ASTM A48, class 35 ( valve sizes up to 10" )  
Ductile iron, ASTM 65-45-12 ( valve sizes 12" and up )
- Stem & guide rods: 303 stainless steel
- Pinch bars: Ductile iron, ASTM 65-45-12

### Options:

- Epoxy paint
- Sleeve elastomer
- ANSI STD 300 lbs flange
- 316 stainless steel
- Secondary containment package
- Positioners
- Limit switches

All dimensions are in inches.

SIZE	2	3	4	6, SH.	6, LG.	8	10	12	14	16	18	20	24	30
A	7.00	8.00	9.00	10.50	17.75	21.37	26.50	29.00	28.00	32.00	36.00	40.00	48.00	60.00
B	8.50	11.00	13.50	20.12		22.75	26.25	32.00	34.37	40.50	43.75	50.50	54.00	78.00
C	10.06	7.37	9.37	12.43	15.37	23.18	28.25	30.10	35.91	38.87	44.39	52.00	70.00	
D	5.25	6.56	8.00	11.62	14.62	16.68	20.12	22.18	26.50	28.50	32.15	35.00	40.00	
H	1.12	1.31		1.87	1.62	1.81	2.25	2.75	3.37		3.50	4.00	4.50	
P Max	200	175	150 psi				100 psi		75 psi					
Wt, lb	40	80	103	250	300	450	650	800	1,000	1,700	2,000	3,000	4,300	N/A