

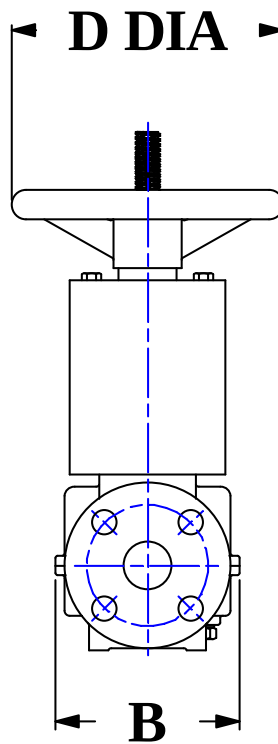
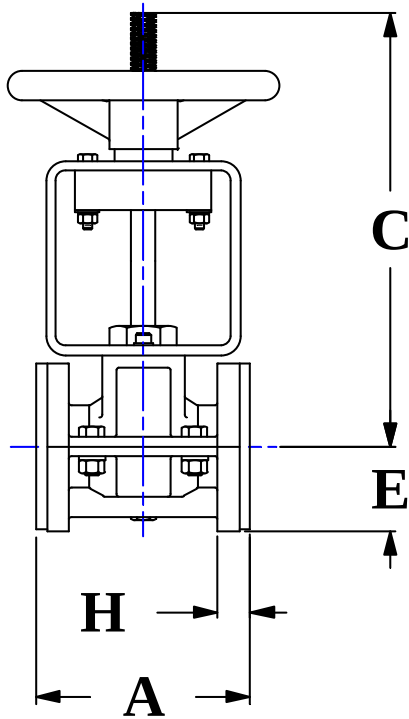
Series CHR

Full Round, Enclosed Construction, Hand Wheel Operated

- Clog resistant full round opening
- Low pressure drop
- No packing
- Drop tight closure
- High efficiency stainless steel ACME stem for easy operation
- Available with optional limit switches
- Simple rugged cast iron construction

Specifications:

- Flanges: ANSI STD 125/150 lbs.
- Housing: Cast Iron, ASTM A48, Class 35
- Stem: 303 Stainless Steel
- Pinch Bar: 303 Stainless Steel
- Bearing: Bronze Alloy



Options:

- Sleeve Elastomer
- Epoxy Paint
- ANSI STD 300 lbs Flange
- 316 Stainless Steel Stem
- Ductile Iron Housing
- Stem Cover Assembly
- Secondary Containment Package
- Limit Switches
- Chain Wheel

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	7.48	7.61	10.96	11.74	12.56	16.64	17.44
D Dia	6.00		7.00			8.00	
E	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	14	16	18	24	33	55	71

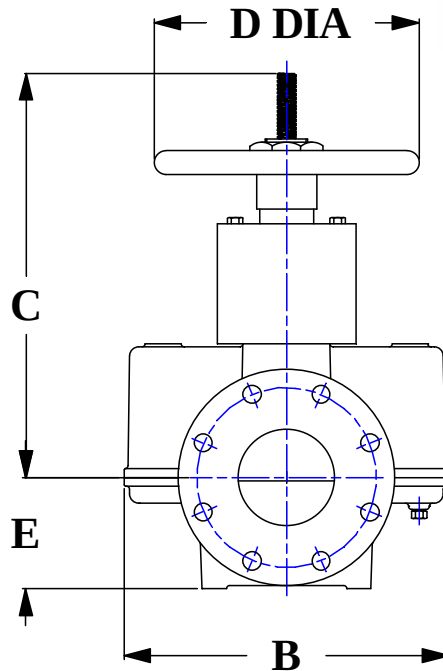
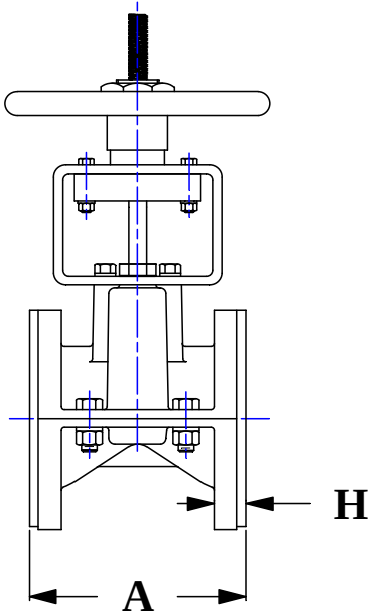
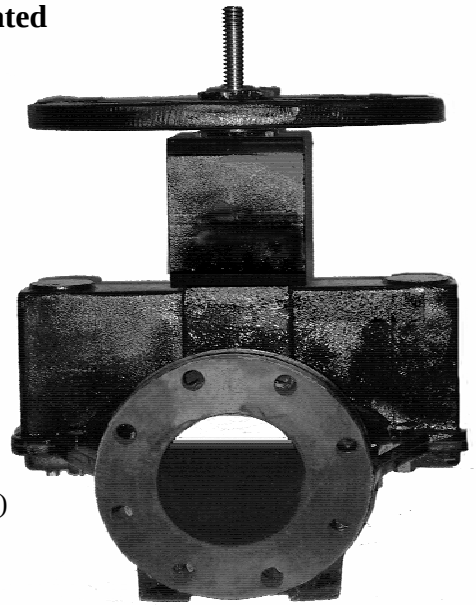
Series CHP

Pre-Pinched, Enclosed Construction, Hand Wheel Operated

- Low pressure drop
- Linear throttling characteristic
- No packing
- Drop tight closure
- High efficiency stainless steel ACME stem for easy operation
- Available with optional limit switches
- Simple rugged cast iron construction

Specifications:

- Flanges: ANSI STD 125/150 lbs.
- Housing: Cast Iron, ASTM A48, Class 35 (Valve Sizes Up to 10")
Ductile Iron, ASTM A536-80, Class 65-45-12 (Valve Sizes 12" & Up)
- Stem: 303 Stainless Steel
- Pinch Bar: 303 Stainless Steel
- Bearing: Bronze Alloy



Options:

- Sleeve Elastomer
- Epoxy Paint
- ANSI STD 300 lbs Flange
- 316 Stainless Steel Stem
- Ductile Iron Housing
- Stem Cover Assembly
- Secondary Containment Package
- Limit Switches
- Chain Wheel
- Bevel Gear Box

All dimensions are in inches.

SIZE	4	6	8	10	12	16
A	9.00	17.75	21.37	26.50	29.00	32.00
B	13.50	20.12	22.75	26.25	32.00	40.50
C	16.80	20.74	26.93	29.74	36.49	44.33
D Dia	12.00	18.00	22.00			36.00
E	4.62	5.75	7.00	8.25	9.75	16.12
H	1.31	1.87	1.62	1.81	2.25	3.37
P Max	150 psi			100 psi		
Wt, lb	100	225	232	450	600	680

Series DHC

Full Round, Dual Pinch, Enclosed Construction, Hand Wheel Operated

- Clog resistant full round opening.
- Low pressure drop
- No packing
- Drop tight closure
- On/Off or throttling service
- Self cleaning ACME threaded stainless steel stem for easy operation

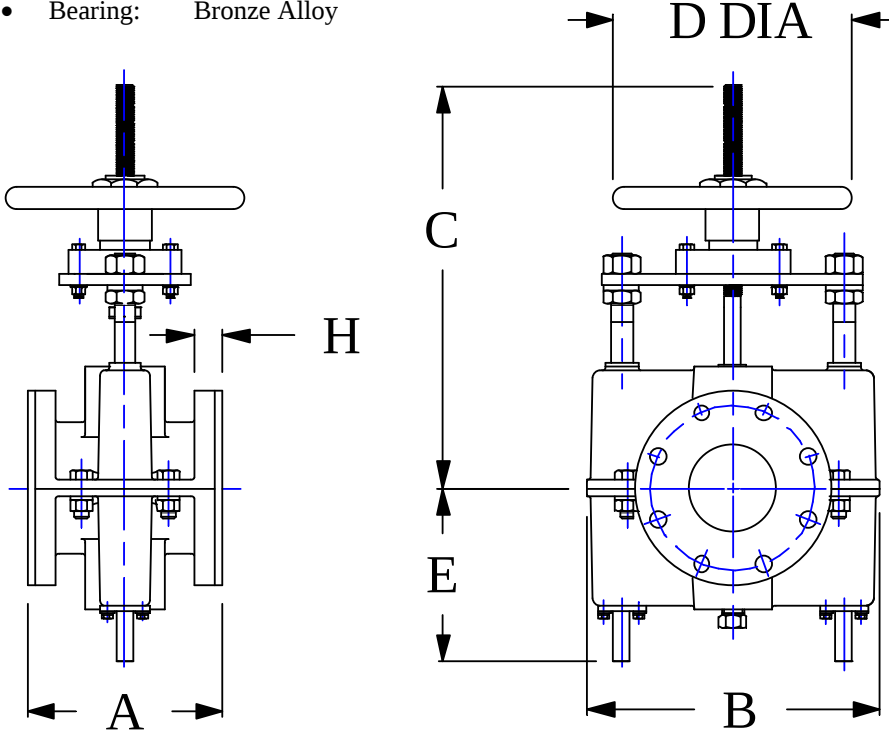
Specifications:

- Flanges: ANSI STD 125/150 lbs.
- Housing: Cast Iron, ASTM A48, Class 35 (Valve Sizes Up to 10")
Ductile Iron, ASTM A536-80, Class 65-45-12 (Valve Sizes 12" & Up)
- Stem: 303 Stainless Steel
- Guide Rods: 303 Stainless Steel
- Pinch Bars: Ductile Iron, ASTM A536-80, Class 65-45-12
- Bearing: Bronze Alloy



Options:

- Sleeve Elastomer
- Epoxy Paint
- ANSI STD 300 lbs Flange
- 316 Stainless Steel Stem
- Ductile Iron Housing
- Stem Cover Assembly
- Secondary Containment Package
- Limit Switches
- Chain Wheel
- Bevel Gear Box



All dimensions are in inches.

SIZE	1	1-1/2	2	2-1/2	3	4	6, SH.	6, LG.	8	10	12	14	16	18	20	24
A	5.50	6.50	7.00	7.50	8.00	9.00	10.50	17.75	21.37	26.50	29.00	28.00	32.00	36.00	40.00	48.00
B	7.62	7.62	8.50	8.50	11.00	13.50	20.12		22.75	26.25	32.0	34.37	40.50	43.75	50.50	54.00
C Max	11.62	11.62	12.05	12.05	15.00	18.62	24.24		29.68	32.74	41.49	BEVEL GEAR BOX				
D Dia	7.00	7.00	7.00	7.00	8.00	12.00	18.00		22.00			BEVEL GEAR BOX				
E	4.50	4.50	5.25	5.25	6.56	8.00	11.62		14.62	16.68	20.12	22.18	26.50	28.50	32.15	35.00
H	1.03	1.03	1.12	1.12	1.31		1.87		1.62	1.81	2.25	2.75	3.37		3.50	4.00
P Max	200 psi			175 psi		150 psi				100 psi		75 psi				
Wt, lb	15	25	35	40	65	128	250	300	425	560	900	1000	1100	1300	1500	1900

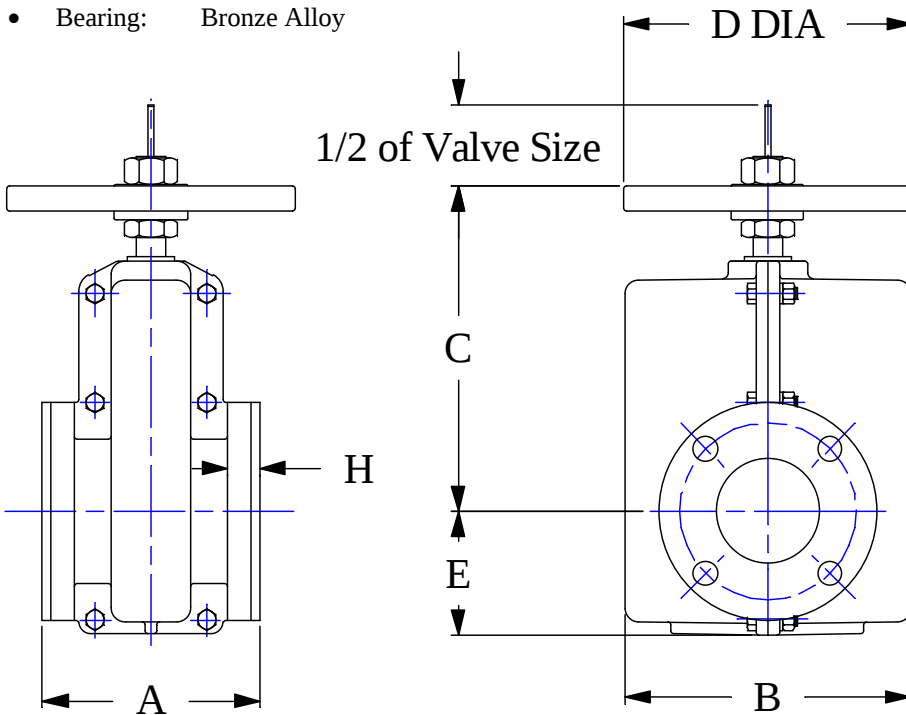
Series DHA

Full Round, Dual Pinch, Enclosed Construction, Hand Wheel Operated

- Clog resistant full round opening.
- Low pressure drop
- No packing
- Drop tight closure
- On/Off or throttling service

Specifications:

- Flanges: ANSI STD 125/150 lbs.
- Housing: Cast Iron, ASTM A48, Class 35 (Valve Sizes Up to 10")
Ductile Iron, ASTM A536-80, Class 65-45-12 (Valve Sizes 12" & Up)
- Stem: Carbon Steel
- Guide Rods: Carbon Steel
- Pinch Bars: Carbon Steel
- Bearing: Bronze Alloy



Options:

- Sleeve Elastomer
- Epoxy Paint
- ANSI STD 300 lbs Flange
- 316 Stainless Steel Stem
- Ductile Iron Housing
- Stem Cover Assembly
- Secondary Containment Package
- Limit Switches
- Chain Wheel
- Bevel Gear Box

All dimensions are in inches.

SIZE	1	1-1/2	2	2-1/2	3	4	6	8	10
A	5.50	6.50	7.00	7.50	8.00	9.00	10.50	16.00	20.00
B	5.12	6.12	7.50	8.37	9.25	12.87	15.62	19.50	23.25
C Max	7.78	8.31	10.24	11.20	11.57	14.69	17.77	23.32	25.36
D Dia	6.00	6.00	7.00	8.00	8.00	12.00	18.00	22.00	
E	2.47	2.75	3.37	3.75	4.12	5.12	6.93	8.87	9.93
H	0.84	0.97	1.12	1.25	1.31		1.44	1.62	1.81
P Max	150 psi					100 psi			75 psi
Wt, lb	15	25	42	52	66	100	236	375	465