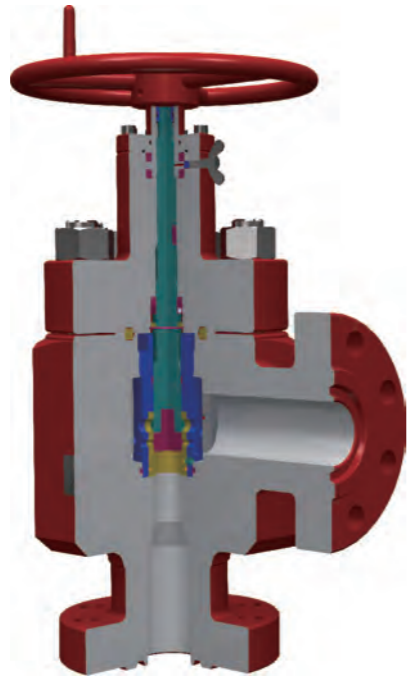


Neway choke products include plug and cage choke, external sleeve choke, adjustable needle choke, positive choke and multiple orifice choke.

Description

The Plug and Cage Choke has a plug that throttles the flow on the inside diameter of the ported cage. This choke is used for high capacity/medium pressure drop applications. Because of its high capacity, the Plug and Cage Choke is useful for flow optimization near the end of well life.



Features

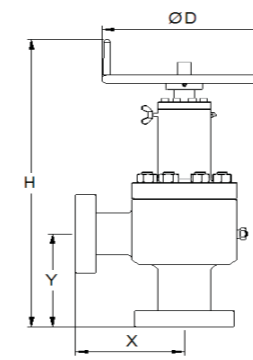
- Tungsten carbide flow plug assembly in conjunction with cage sleeve provides optimum wear resistance in erosive conditions.
- Metal-to-metal bonnet closure seal.
- Fully guided plug minimizes side loading and vibration.
- Self-flushing, pressure-balanced ports minimize stem loads and actuator requirements. Heavy duty thrust bearings also reduce operating torque.
- Outer flow cage provides protection from impact damage.
- Stem lock maintains set position.
- Indicator calibrated in 1/64" or multiples of 1/64" increments to show effective orifice diameter.

Approved Certification

CE/PED

For API 6A Product, Issued by DNV

Neway choke products include plug and cage choke, external sleeve choke, adjustable needle choke, positive choke and multiple orifice choke.



Dimensions for CAP

D: Handwheel diameter
 X: Bore centerline to inlet flange face
 Y: Bore centerline to outlet flange face
 H: Overall size

3,000 psi Working Pressure

Size	Bore		D		X		Y		H		Weight	
	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg
3-1/8"	3.13	79.4	15.75	400	10.39	264	11.22	285	34.84	885	386	175

5,000 psi Working Pressure

Size	Bore		D		X		Y		H		Weight	
	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg
2-1/16"	2.06	52.4	15.75	400	8.74	222	10.87	276	27.95	710	309	140
2-9/16"	2.56	65.1	15.75	400	10.51	267	12.52	318	30.71	780	342	155
3-1/8"	3.13	79.4	15.75	400	10.39	264	11.61	295	35.43	900	392	178
4-1/16"	4.06	103.2	15.75	400	11.89	302	15.98	406	39.37	1000	476	216
5-1/8"	5.13	130.2	24.02	610	14.25	362	19.37	492	40.16	1020	849	385

10,000 psi Working Pressure

Size	Bore		D		X		Y		H		Weight	
	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg
2-1/16"	2.06	52.4	15.75	400	8.74	222	10.87	276	27.95	710	320	145
2-9/16"	2.56	65.1	15.75	400	10.51	267	12.52	318	30.71	780	364	165
4-1/16"	4.06	103.2	15.75	400	10.00	254	11.54	293	33.98	863	560	254

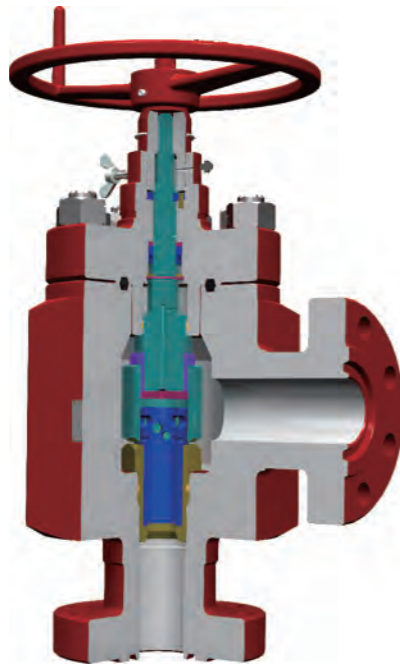
15,000 psi Working Pressure

Size	Bore		D		X		Y		H		Weight	
	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg
2-1/16"	2.06	52.4	15.75	400	8.74	222	10.87	276	27.95	710	331	150
3-1/16"	3.06	77.8	15.75	400	11.46	291	12.52	318	34.84	885	763	346

Neway choke products include plug and cage choke, external sleeve choke, adjustable needle choke, positive choke and multiple orifice choke.

Description

The External Sleeve Control Choke has a sleeve that throttles the flow on the outside diameter of the ported cage. This choke is used for low capacity/high pressure drop applications. The external sleeve is specifically designed for severely erosive conditions where the combination of high pressure drops and high sand concentrations can reduce the life of a choke.



Features

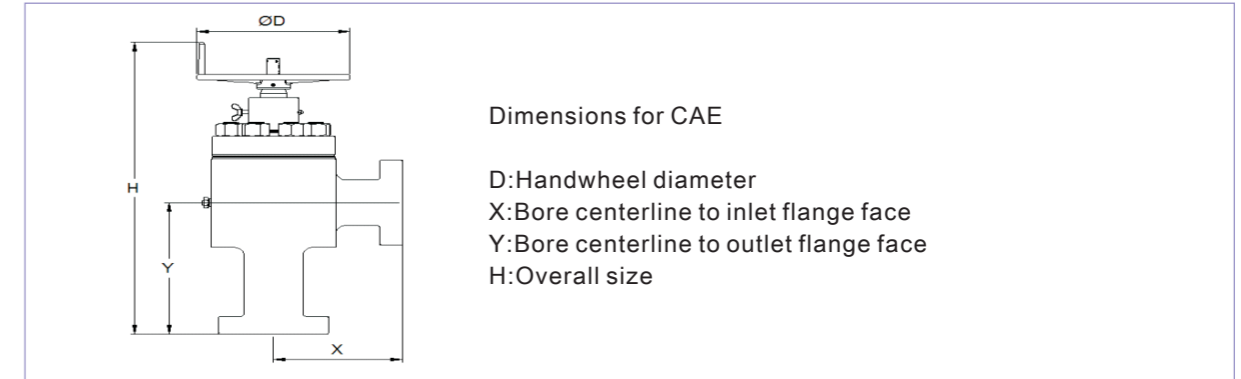
- Tungsten carbide lined stem and seat provide optimum wear resistance in erosive conditions.
- Metal-to-metal bonnet closure seal.
- Reverse angle trim reduces annular flow-by extending the life of the trim.
- Self-flushing, pressure-balanced ports minimize stem loads and actuator requirements. Heavy duty thrust bearings also reduce operating torque.
- Outer Flow Sleeve provides protection from impact damage.
- Stem lock maintains set position.
- Indicator calibrated in 1/64" or multiples of 1/64" increments to show effective orifice diameter.

Approved Certification

CE/PED

For API 6A Product, Issued by DNV

Neway choke products include plug and cage choke, external sleeve choke, adjustable needle choke, positive choke and multiple orifice choke.



10,000 psi Working Pressure

Size	Bore		D		X		Y		H		Weight	
	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg
2-1/16"	2.06	52.4	15.75	400	11.81	300	12.13	308	33.86	860	304	138

15,000 psi Working Pressure

Size	Bore		D		X		Y		H		Weight	
	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg
3-1/16"	3.06	77.8	15.75	400	13.46	342	17.76	451	39.25	997	1019	462

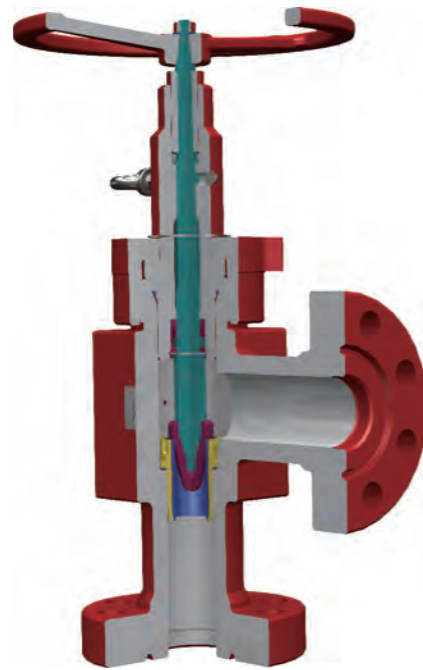
20,000 psi Working Pressure

Size	Bore		D		X		Y		H		Weight	
	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg
3-1/16"	3.06	77.8	15.75	400	14.96	380	15.51	394	38.43	976	970	440

Neway choke products include plug and cage choke, external sleeve choke, adjustable needle choke, positive choke and multiple orifice choke.

Description

The adjustable needle choke has a standard body with an adjustable bonnet assembly and seat installed. This assembly features a tungsten carbide-tipped needle, tungsten carbide-lined seat, and an indicator calibrated in 1/64" or multiple of 1/64" to show effective orifice diameter. A needle lock device retains needle position.



Features

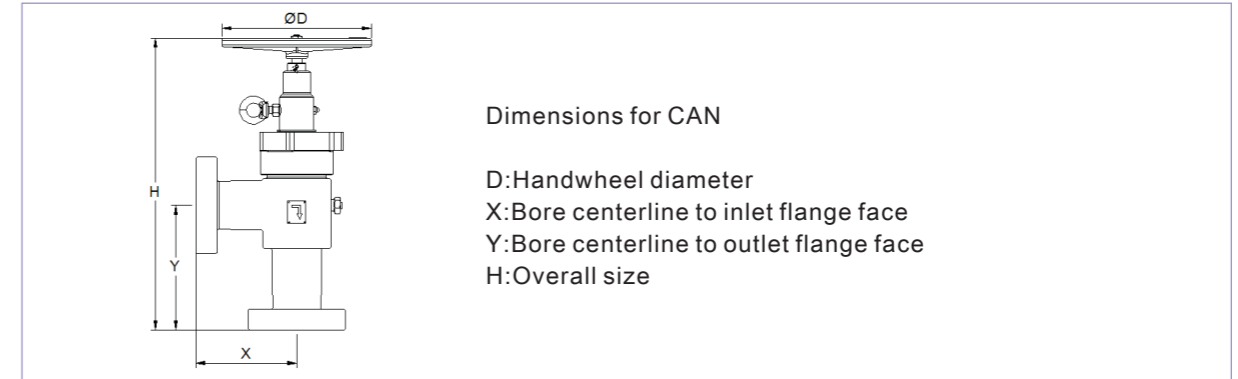
- Bleed valve allows the operator to safety vent the body cavity pressure prior to removal of the bonnet assembly.
- Body pressure is automatically vented when the operator unscrews the bonnet nut one turn.
- ACME threads can be cleaned and inspected easily on both the bonnet assembly and body.
- CAN type choke prevents bonnet seal extrusion by means of body-to-bonnet contact behind the O-ring seal.
- The bean/seat has been recessed in the body below the inlet flow path for longer life.

Approved Certification

PR2 Product Test , Issued by DNV

CE/PED For API 6A Product, Issued by DNV

Neway choke products include plug and cage choke, external sleeve choke, adjustable needle choke, positive choke and multiple orifice choke.



3,000 psi Working Pressure

Size	Bore		D		X		Y		H		Weight	
	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg
2-1/16"	2.06	52.4	12.99	330	8.74	222	10.87	276	24.88	632	172	78
2-9/16"	2.56	65.1	12.99	330	10.5	267	12.5	317.5	27.83	707	220.5	100
3-1/8"	3.13	79.4	12.99	330	10.39	264	11.61	295	27.56	700	249	113
4-1/16"	4.06	103.2	15.75	400	11.89	302	15.98	406	33.98	863	401	182
7-1/16"	7.13	181.0	7.09	180	14.25	362	19.37	492	38.27	972	791	359

5,000 psi Working Pressure

Size	Bore		D		X		Y		H		Weight	
	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg
2-1/16"	2.06	52.4	12.99	330	8.74	222	10.87	276	25.43	646	187	85
2-9/16"	2.56	65.1	12.99	330	10.51	267	12.01	305	28.74	730	220	100
3-1/8"	3.13	79.4	15.75	400	10.39	264	11.61	295	31.65	804	287	130
4-1/16"	4.06	103.2	15.75	400	11.89	302	15.98	406	34.72	882	452	205
5-1/8"	5.13	130.2	18.90	480	14.25	362	19.37	492	38.27	972	833	378
7-1/16"	7.06	179.4	18.90	480	14.25	362	19.37	492	38.27	972	833	378

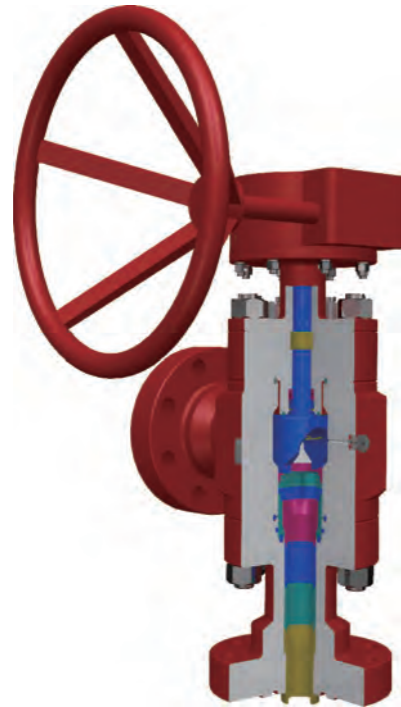
10,000 psi Working Pressure

Size	Bore		D		X		Y		H		Weight	
	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg
2-1/16"	2.06	52.4	12.99	330	7.68	195	8.74	222	23.62	600	163	74
2-9/16"	2.56	65.1	15.75	400	10.51	267	12.52	318	25.59	650	243	110
3-1/16"	3.06	77.8	8.66	220	10.39	264	11.61	295	28.46	723	370	168
4-1/16"	4.06	103.2	19.69	500	11.89	302	15.98	406	29.53	750	430	195

Neway choke products include plug and cage choke, external sleeve choke, adjustable needle choke, positive choke and multiple orifice choke.

Description

The Multiple Orifice Chokes utilize a set of adjacent discs, each containing a pair of circular opening orifices. The two discs are diamond lapped on the mating surfaces to tolerances near two ligh bands of flatness. This allows for extremely precise shutoff and flow regulation.



Features

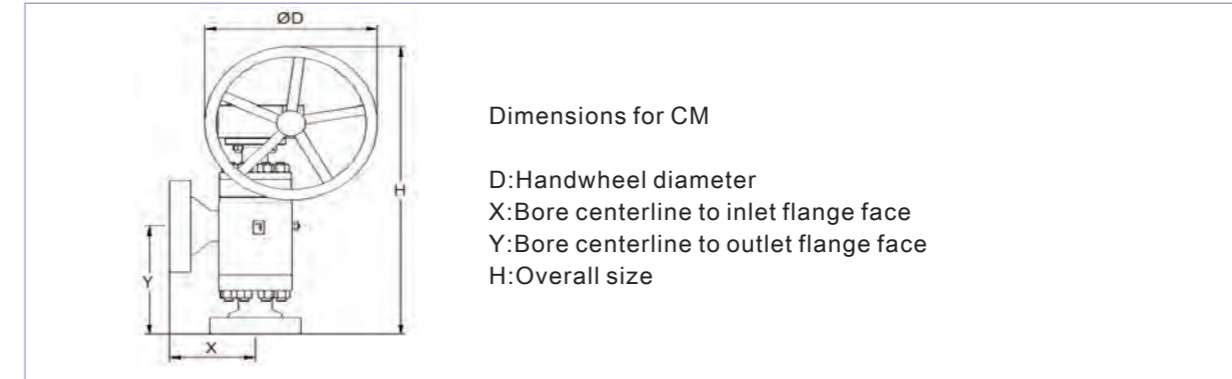
- Pressure holds discs together, avoid vibration, noise or fatigue failures.
- The circular shape of disc offers a smaller wearing surface, less wear on the throttling and greatly extended service life.
- Very little downtime for maintenance.
- Tungsten carbide discs are offered for extreme erosive conditions and very high pressure drops.
- The outlet end of a Multiple Orifice Choke has a replaceable adapter flange, the customer can changes it in accordance with different pressure ratings and sizes.

Approved Certification

CE/PED

For API 6A Product, Issued by DNV

Neway choke products include plug and cage choke, external sleeve choke, adjustable needle choke, positive choke and multiple orifice choke.



5,000 psi Working Pressure

Size	Bore		D		X		Y		H		Weight	
	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg
4-1/16"	4.06	103.2	23.62	600	11.93	303	16.89	429	44.49	1130	794	360

15,000 psi Working Pressure

Size	Bore		D		X		Y		H		Weight	
	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg
3-1/16"	3.06	77.8	12.80	325	12.80	325	37.20	945	37.20	945	1080	490
4-1/16"	4.06	103.2	23.62	600	13.50	343	19.69	500	48.43	1230	794	360

Neway choke products include plug and cage choke, external sleeve choke, adjustable needle choke, positive choke and multiple orifice choke.

Description

Positive Choke provides a fixed flow condition with a large selection of available bean sizes and types. All standard positive chokes under 15000psi wp are furnished with a blanking plug that has a 1/2" NPT port for attaching a needle valve and/or pressure gauge. Positive chokes 15000psi wp and over are supplied with a 9/16" autoclave port.



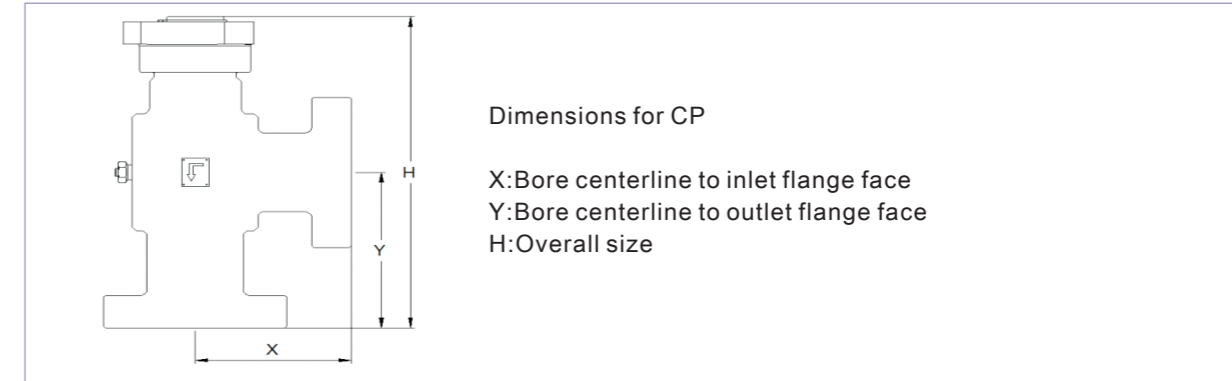
Features

- Positive choke bodies are interchangeable with adjustable needle choke.
- Bleed valve allows the operator to safely vent the body cavity pressure prior to removal of the bonnet assembly.
- Body pressure is automatically vented when the operator unscrews the bonnet nut one turn.
- ACME threads can be cleaned and inspected easily on both the bonnet assembly and body.
- CAN type choke prevents bonnet seal extrusion by means of body-to-bonnet contact behind the O-ring seal.
- The bean/seat has been recessed in the body below the inlet flow path for longer life.

Approved Certification

PR2 Product Test , Issued by DNV
 CE/PED For API 6A Product, Issued by DNV

Neway choke products include plug and cage choke, external sleeve choke, adjustable needle choke, positive choke and multiple orifice choke.



3,000 psi Working Pressure

Size	Bore		X		Y		H		Weight	
	in	mm	in	mm	in	mm	in	mm	lb	kg
7-1/16"	7.06	179.4	14.25	362	19.37	492	29.17	741	505	229

5,000 psi Working Pressure

Size	Bore		X		Y		H		Weight	
	in	mm	in	mm	in	mm	in	mm	lb	kg
2-9/16"	2.56	65.1	10.55	268	12.52	318	20.87	530	198	90
3-1/8"	3.13	79.4	10.39	264	11.61	295	20.16	512	254	115
7-1/16"	7.06	179.4	14.25	362	19.37	492	29.17	741	604	274

10,000 psi Working Pressure

Size	Bore		X		Y		H		Weight	
	in	mm	in	mm	in	mm	in	mm	lb	kg
2-9/16"	2.56	65.1	10.51	267	12.52	318	20.87	530	220	100
3-1/16"	3.13	77.8	9.06	230	11.02	280	22.05	560	282	128
4-1/16"	4.06	103.2	10.00	254	11.50	292	21.18	538	381	173