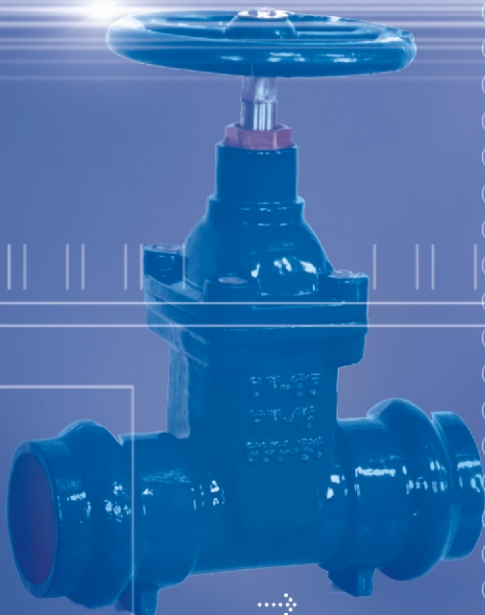


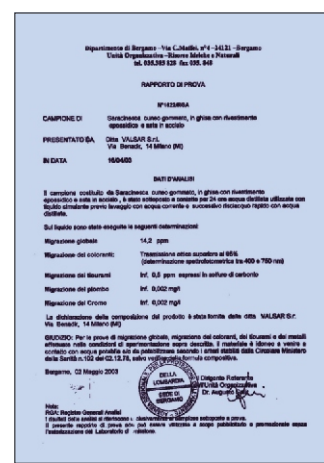
Resilient Gate

**DIN3202 F4 & F5
BS5163 & BS5150
AWWA C509
Socket End**





Design Feature	1
Materials	2
Resilient Seat Gate Valve Series DIN3202 F4 NRS	3
Resilient Seat Gate Valve Series DIN3202 F5 NRS	4
Resilient Seat Gate Valve Series BS5163 NRS	5
Resilient Seat Gate Valve Series BS5150 OS&Y	6
Resilient Seat Gate Valve Series AWWA C509 NRS.....	7
Resilient Seat Gate Valve Series AWWA C509 OS&Y.....	8
Resilient Seat Gate Valve Series Socket End NRS.....	9
Resilient Seat Gate Valve For Underground Use.....	10
Resilient Seat Gate Valve with Electric Actuator	11



ISO9001:2000

PED/CE

Drinking Water Approval

Company Overview



Suzhou Viza Valve Co., Ltd. (refer to VIZA Valves) is the leading manufacturer of industrial valves in China. VIZA Valves has been in valves line for more than 15 years. From the first beginning, VIZA Valves is an export-oriented manufacturer, producing valves completely as per international standards and selling them well in world markets. Today the products are 100% exported and most of them come to Western European countries, North America, Middle East of Asia, Australia and etc.

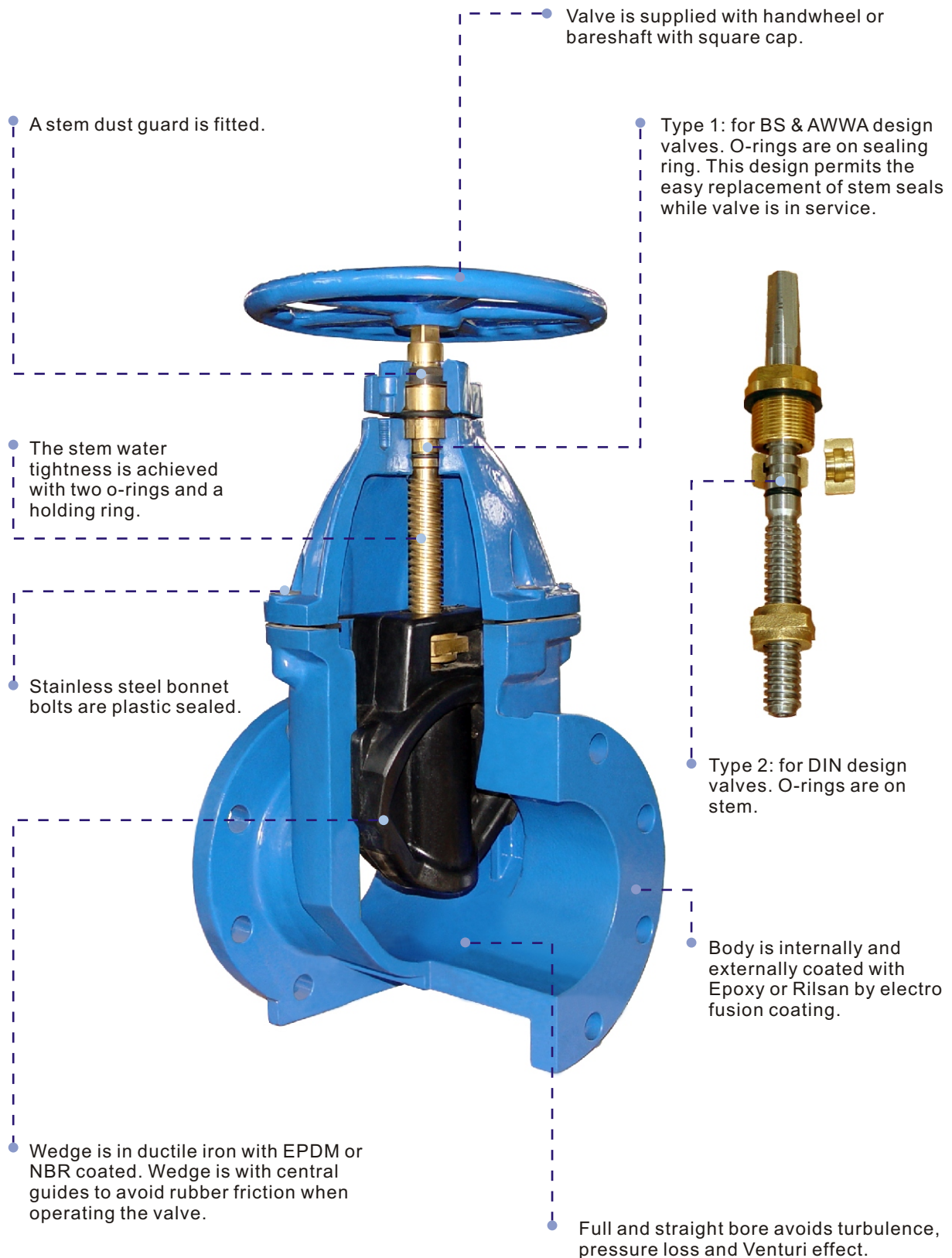
VIZA Valves has four factories, all are specialized in manufacturing different valves products, such as Cast Steel Gate, Globe and Check Valves; Floating & Trunnion Mounted Ball Valves; Centric Disc type & High Performance Butterfly Valves; Resilient Seat Gate Valves & Metal Seat Cast Iron Valves. All products conform to standards as API, ANSI, ASTM, NACE, ISO, EN, BS, DIN, UNI, MSS SP, AWWA, JIS, etc. and are widely used for Oil & Gas, Refinery, Chemical and Petrochemical, Power Generation, Water and Waste Water Treatment industries.

Anhui Hexian Jianghong Valve Co., Ltd. (Auhui Hexian Viza Valve Manufacturing Co, Ltd.) is one of our Viza factories, with main products for Resilient Seat Gate Valves, size from DN40 to DN600, class from PN10 to PN16, design in accordance with DIN 3202 F4 & F5, BS5163 & BS5150, AWWA C509, SABS and etc. Metal Seat Cast Iron Gate, Globe, Check Valves and Y type Strainers are also available. The factory has strict quality assurance system and is certified by ISO9001: 2000 and PED/CE. Our aim is to produce “Zero Defect” and “Long Reliable Service Life” valves to minimum the “Total Ownership Costs”.

With all Viza factories, VIZA Valves can supply the customers not only commodity valves with high quality at competitive pricing, but also full package project valves with technical solutions and value added service.



Design Feature





PART NAME	MATERIAL			
	NAME	DIN	BS	ASTM
BODY	Cast Iron	1691 GG-25	1452 Gr. 220	A126 Gr. B
	Ductile Iron	1693 GGG-50	2789 Gr. 500/7	A536 Gr. 65-45-12

PART NAME	MATERIAL			
	NAME	DIN	BS	ASTM
STEM NUT	Brass	ZCuZn40Mn2*	ZCuZn40Mn2*	ZCuZn40Mn2*
	Bronze	2789 CuSn5ZnPb	1400 LG2	B62

*ZCuZn40Mn2 -GB / T 1176

PART NAME	MATERIAL				
	NAME		DIN	BS	ASTM
STEM	Stainless Steel	13Cr	17440 1.4006	970 Gr. 410S21	A276 TYPE 410
		17-2 Cr-Ni	17440 1.4057	970 Gr. 431S29	A276 TYPE 431
		18-8-2 Cr-Ni-Mo	17440 1.4401	970 Gr. 316S16	A276 TYPE 316

PART NAME	MATERIAL	TEMPERATURE °C
SEAT	NBR	-10 to 82
	EPDM	-35 to 120
	Viton	-10 to 150

PART NAME	MATERIAL			
	NAME		SUPPLIER	TEMPERATURE °C
COATING	Epoxy	Interpon	Akoz Nobel	-10 to 80
		Resicoat		
	Rilsan	Nylon 1010	Wu Xi	-10 to 120
		Nylon 11	Total Fina	-10 to 150

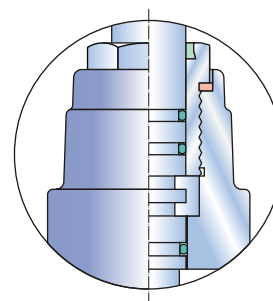
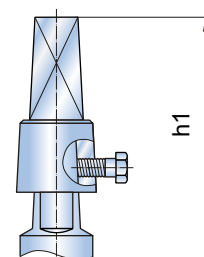
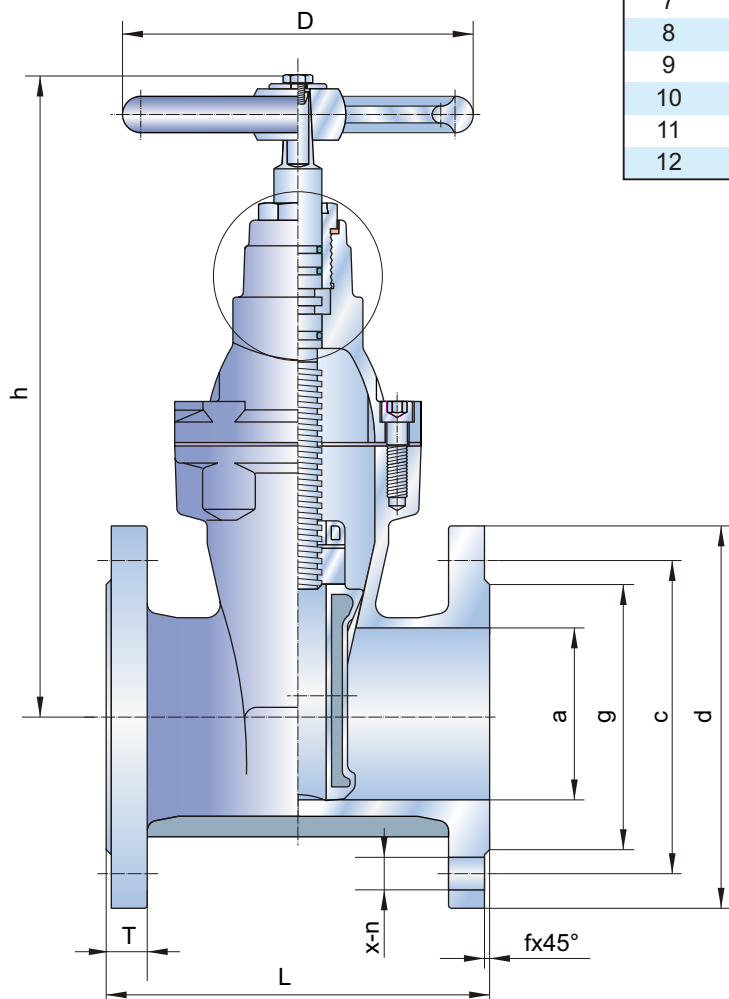


SPECIFICATIONS

Size	DN 40 - DN 600
Class	PN 10 - PN 16
Design	DIN 3352
Face to Face	DIN 3202 F4 / ISO 5752 14 Series
End Flange	DIN 2532-2533 / BS EN 1092
Test	DIN 3230

STANDARD MATERIALS OF MAIN PARTS

ITEM	PART NAME	MATERIAL
1	Body	Ductile Iron
2	Disc	Ductile Iron+NBR / EPDM
3	Bonnet	Ductile Iron
4	Stem	Stainless steel 410,431,316
5	Stem Nut	Brass
6	Holding Ring	Brass
7	Sealing Ring	Brass
8	Handwheel	Ductile Iron
9	Bonnet Gasket	NBR / EPDM
10	O Ring	NBR
11	Dust Ring	NBR
12	Bonnet Bolts	Stainless Steel



DIMENSIONS AND WEIGHTS

DN	OUTLINE mm				END FLANGE DIN PN 10/16 mm							WEIGHT kg
	L	h	D	h1	a	d	c	x-n	T	g	f	
40	140	285	180	355	40	150	110	4-φ19	19	84	3	12
50	150	290	180	360	50	165	125	4-φ19	19	99	3	14
65	170	295	180	365	65	185	145	4-φ19	19	118	3	15
80	180	340	205	410	80	200	160	8-φ19*	19	132	3	20
100	190	370	240	440	100	220	180	8-φ19	19	156	3	25
125	200	445	240	515	125	250	210	8-φ19	19	184	3	36
150	210	465	280	535	150	285	240	8-φ23	19	211	3	45
200	230	580	320	650	200	340	295	8-φ23 12-φ23	20	266	3	72
250	250	665	360	735	250	395 405	350 355	12-φ23 12-φ28	22	319	3	102
300	270	785	450	855	300	445 460	400 410	12-φ23 12-φ28	24.5	370	4	160
350	290	970	500	1040	350	505 520	460 470	16-φ23 16-φ28	26.5	429	4	288
400	310	1020	560	1120	400	565 580	515 525	16-φ28 16-φ31	28	480	4	387
450	330	1120	560	1200	450	615 640	565 585	20-φ28 20-φ31	30	530 548	4	490
500	350	1220	650	1300	500	670 715	620 650	20-φ28 20-φ34	31.5	582 609	4	620
600	390	1370	650	1470	600	780 840	725 770	20-φ31 20-φ37	36	682 720	5	760

* PN10: DIN2532 4-f19, BS EN1092 8-f19

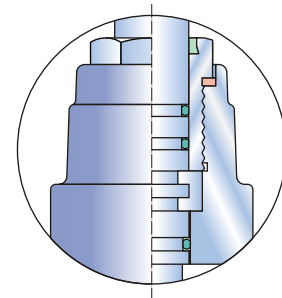
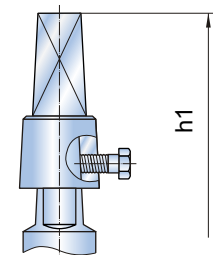
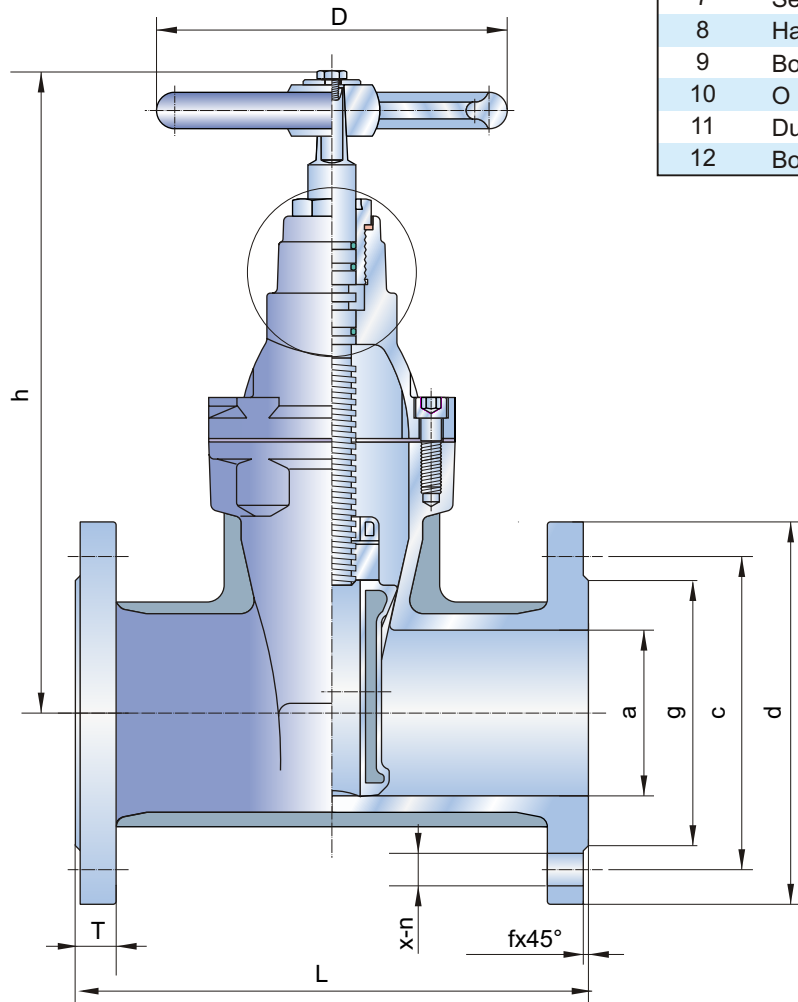


SPECIFICATIONS

Size	DN 40 - DN 600
Class	PN 10 - PN 16
Design	DIN 3352
Face to Face	DIN 3202 F5 / ISO 5752 15 Series
End Flange	DIN 2532-2533 / BS EN 1092
Test	DIN 3230

STANDARD MATERIALS OF MAIN PARTS

ITEM	PART NAME	MATERIAL
1	Body	Ductile Iron
2	Disc	Ductile Iron+NBR / EPDM
3	Bonnet	Ductile Iron
4	Stem	Stainless steel 410,431,316
5	Stem Nut	Brass
6	Holding Ring	Brass
7	Sealing Ring	Brass
8	Handwheel	Ductile Iron
9	Bonnet Gasket	NBR / EPDM
10	O Ring	NBR
11	Dust Ring	NBR
12	Bonnet Bolts	Stainless Steel



DIMENSIONS AND WEIGHTS

DN	OUTLINE mm				END FLANGE DIN PN 10/16 mm							WEIGHT kg
	L	h	D	h1	a	d	c	x-n	T	g	f	
40	240	285	180	355	40	150	110	4-φ19	19	84	3	13
50	250	290	180	360	50	165	125	4-φ19	19	99	3	15
65	270	295	180	365	65	185	145	4-φ19	19	118	3	16
80	280	340	205	410	80	200	160	8-φ19*	19	132	3	23
100	300	370	240	440	100	220	180	8-φ19	19	156	3	29
125	325	445	240	515	125	250	210	8-φ19	19	184	3	44
150	350	465	280	535	150	285	240	8-φ23	19	211	3	54
200	400	580	320	650	200	340	295	8-φ23 12-φ23	20	266	3	95
250	450	665	360	735	250	395 405	350 355	12-φ23 12-φ28	22	319	3	153
300	500	785	450	855	300	445 460	400 410	12-φ23 12-φ28	24.5	370	4	241
350	550	970	500	1040	350	505 520	460 470	16-φ23 16-φ28	26.5	429	4	355
400	600	1020	560	1120	400	565 580	515 525	16-φ28 16-φ31	28	480	4	475
450	650	1120	560	1200	450	615 640	565 585	20-φ28 20-φ31	30	530 548	4	590
500	700	1220	650	1300	500	670 715	620 650	20-φ28 20-φ34	31.5	582 609	4	730
600	800	1370	650	1470	600	780 840	725 770	20-φ31 20-φ37	36	682 720	5	890

* PN10: DIN2532 4-φ19, BS EN1092 8-φ19



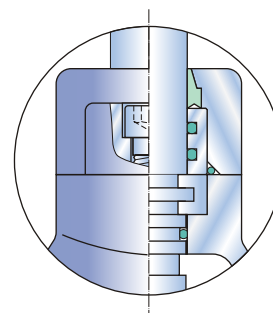
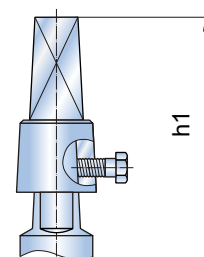
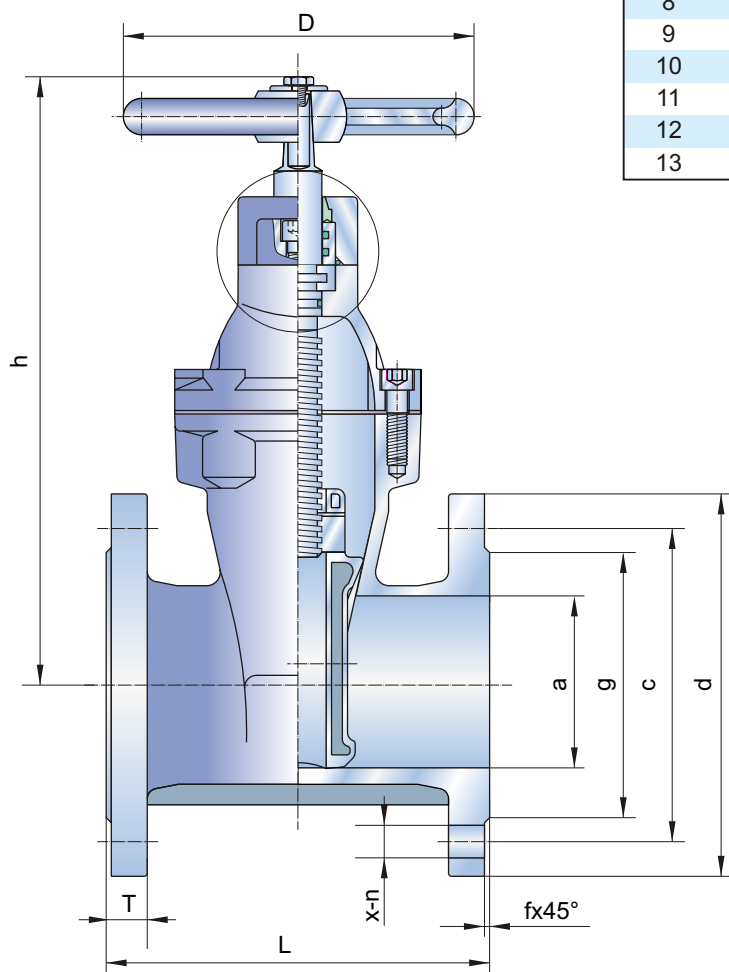
SPECIFICATIONS

Size	DN 40 - DN 600
Class	PN 10 - PN 16
Design	BS 5163
Face to Face	BS 5163 / ISO 5752 3 Series
End Flange	BS 4504 / BS EN 1092
Test	BS 5163

STANDARD MATERIALS OF MAIN PARTS

ITEM	PART NAME	MATERIAL
1	Body	Ductile Iron*
2	Disc	Ductile Iron+NBR / EPDM
3	Bonnet	Ductile Iron
4	Stem	Stainless steel 410,431,316
5	Stem Nut	Brass
6	Holding Ring	Brass
7	Sealing Ring	Brass
8	Gland	Ductile Iron
9	Handwheel	Ductile Iron
10	Bonnet Gasket	NBR / EPDM
11	O Ring	NBR
12	Dust Ring	NBR
13	Bonnet Bolts	Stainless Steel

* Cast Iron on request



DIMENSIONS AND WEIGHTS

DN	OUTLINE mm				END FLANGE BS PN 10/16 mm							WEIGHT kg
	L	h	D	h1	a	d	c	x-n	T	g	f	
40	165	275	180	345	40	150	110	4-φ19	19	84	3	12
50	178	280	180	350	50	165	125	4-φ19	19	99	3	13
65	190	300	180	370	65	185	145	4-φ19	19	118	3	15
80	203	335	205	405	80	200	160	8-φ19	19	132	3	22
100	229	341	240	411	100	220	180	8-φ19	19	156	3	26
125	254	430	240	500	125	250	210	8-φ19	19	184	3	35
150	267	485	280	555	150	285	240	8-φ23	19	211	3	50
200	292	580	320	650	200	340	295	8-φ23 12-φ23	20	266	3	75
250	330	680	360	750	250	395 405	350 355	12-φ23 12-φ28	22	319	3	125
300	356	785	450	855	300	445 460	400 410	12-φ23 12-φ28	24.5	370	4	174
350	381	880	500	950	350	505 520	460 470	16-φ23 16-φ28	26.5	429	4	320
400	406	990	560	1060	400	565 580	515 525	16-φ28 16-φ31	28	480	4	430
450	432	1120	560	1200	450	615 640	565 585	20-φ28 20-φ31	30	530 548	4	540
500	457	1220	650	1300	500	670 715	620 650	20-φ28 20-φ34	31.5	582 609	4	690
600	508	1370	650	1470	600	780 840	725 770	20-φ31 20-φ37	36	682 720	5	840



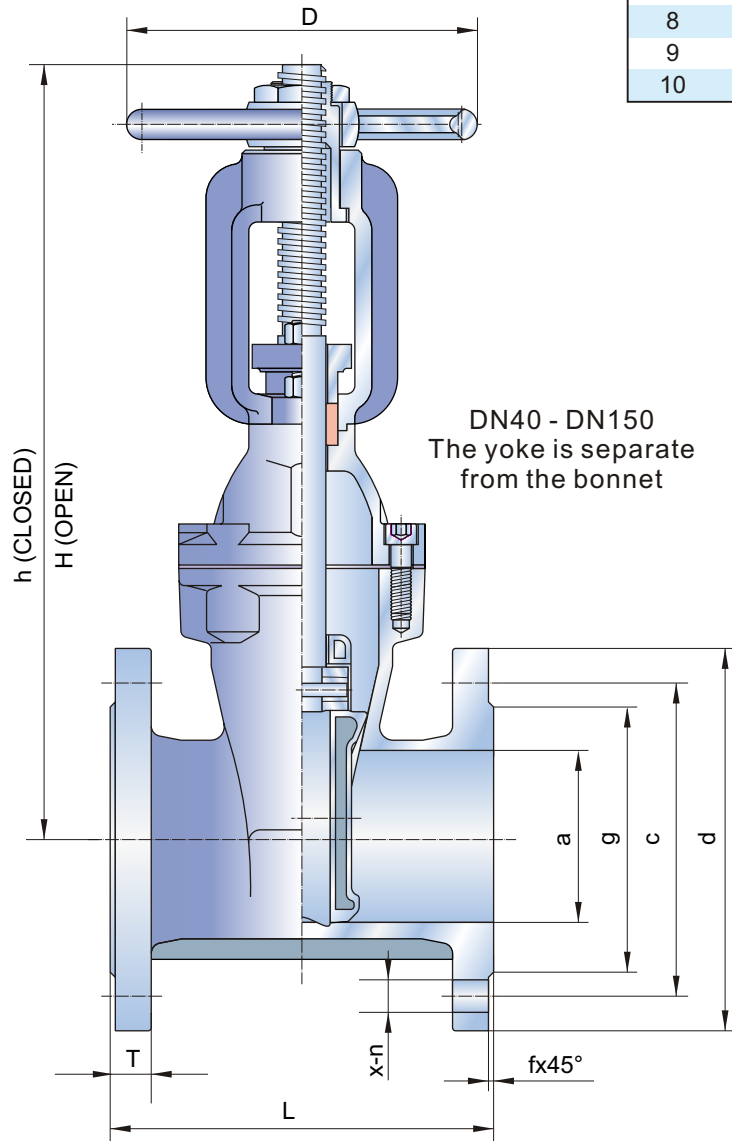
SPECIFICATIONS

Size	DN 40 - DN 300
Class	PN 10 - PN 16
Design	BS 5150
Face to Face	BS 5150 / ISO 5752 3 Series
End Flange	BS 4504 / BS EN 1092
Test	BS 6755 Part 1

STANDARD MATERIALS OF MAIN PARTS

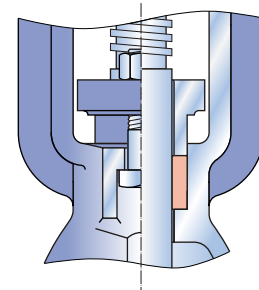
ITEM	PART NAME	MATERIAL
1	Body	Ductile Iron*
2	Wedge	Ductile Iron+NBR / EPDM
3	Bonnet	Ductile Iron
4	Stem	Stainless steel 410,431,316
5	Stem Nut	Brass
6	Packing	Graphite
7	Gland	Ductile Iron
8	Handwheel	Ductile Iron
9	Bonnet Gasket	NBR / EPDM
10	Bonnet Bolts	Stainless Steel

* Cast Iron on request



DN40 - DN150
The yoke is separate
from the bonnet

DN200 - DN300
The yoke is integral
with the bonnet



DIMENSIONS AND WEIGHTS

DN	OUITLINE mm				END FLANGE BS PN 10/16 mm								WEIGHT
	L	h	H	D	a	d	c	x-n		T	g	f	kg
40	165	320	365	180	40	150	110	4-φ19		19	84	3	16
50	178	330	385	180	50	165	125	4-φ19		19	99	3	17
65	190	345	415	180	65	185	145	4-φ19		19	118	3	20
80	203	435	518	205	80	200	160	8-φ19		19	132	3	29
100	229	465	570	240	100	220	180	8-φ19		19	156	3	34
125	254	615	745	240	125	250	210	8-φ19		19	184	3	42
150	267	630	790	280	150	285	240	8-φ23		19	211	3	58
200	292	780	990	320	200	340	295	8-φ23	12-φ23	20	266	3	83
250	330	915	1175	360	250	395 405	350 355	12-φ23	12-φ28	22	319	3	138
300	356	1080	1390	450	300	445 460	400 410	12-φ23	12-φ28	24.5	370	4	192



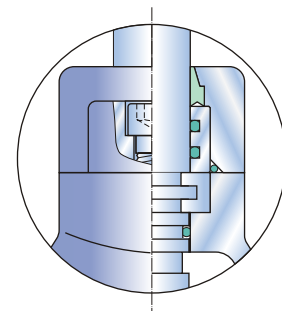
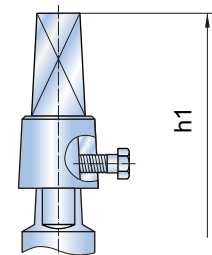
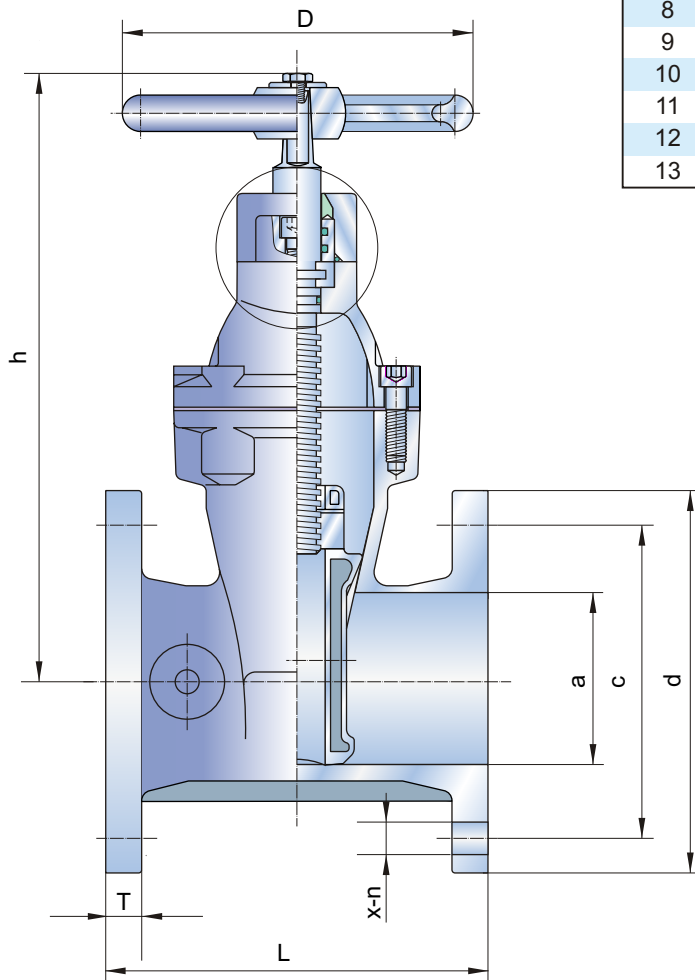
SPECIFICATIONS

Size	1-1/2" - 24" (DN40 - DN600)
Class	125 lbs - 150 lbs
Design	ANSI / AWWA C509
Face to Face	ASME B16.10 / ISO 5752 3 Series
End Flange	ASME B16.1, ASME B16.42
Test	ANSI/AWWA C509

STANDARD MATERIALS OF MAIN PARTS

ITEM	PART NAME	MATERIAL
1	Body	Ductile Iron*
2	Disc	Ductile Iron+NBR / EPDM
3	Bonnet	Ductile Iron
4	Stem	Stainless steel 410,431,316
5	Stem Nut	Brass
6	Holding Ring	Brass
7	Sealing Ring	Brass
8	Gland	Ductile Iron
9	Handwheel	Ductile Iron
10	Bonnet Gasket	NBR / EPDM
11	O Ring	NBR
12	Dust Ring	NBR
13	Bonnet Bolts	Stainless Steel

* Cast Iron on request



DIMENSIONS AND WEIGHTS

DN	OUTLINE mm				END FLANGE ANSI 125/150 mm					WEIGHT kg
	L	h	D	h1	a	d	c	x-n	T	
40	165	275	180	345	40	127	98.5	4-φ16	14.0	13
50	178	280	180	350	50	152	120.5	4-φ19	16.0	14
65	190	300	180	370	65	178	139.5	4-φ19	17.5	16
80	203	335	205	405	80	191	152.5	4-φ19	19.1	23
100	229	341	240	411	100	229	190.5	8-φ19	24.0	28
125	254	430	240	500	125	254	216.0	8-φ22	24.0	37
150	267	485	280	555	150	279	241.5	8-φ22	25.4	52
200	292	580	320	650	200	343	298.5	8-φ22	28.6	77
250	330	680	360	750	250	406	362.0	12-φ25	30.0	127
300	356	785	450	855	300	483	432.0	12-φ25	31.8	176
350	381	880	500	950	350	533	476.0	12-φ29	35.0	322
400	406	990	560	1060	400	597	539.0	16-φ29	37.0	432
450	432	1120	560	1200	450	635	578.0	16-φ32	40.0	542
500	457	1220	650	1300	500	699	635.0	20-φ32	43.0	695
600	508	1370	650	1470	600	813	749.5	20-φ35	48.0	845

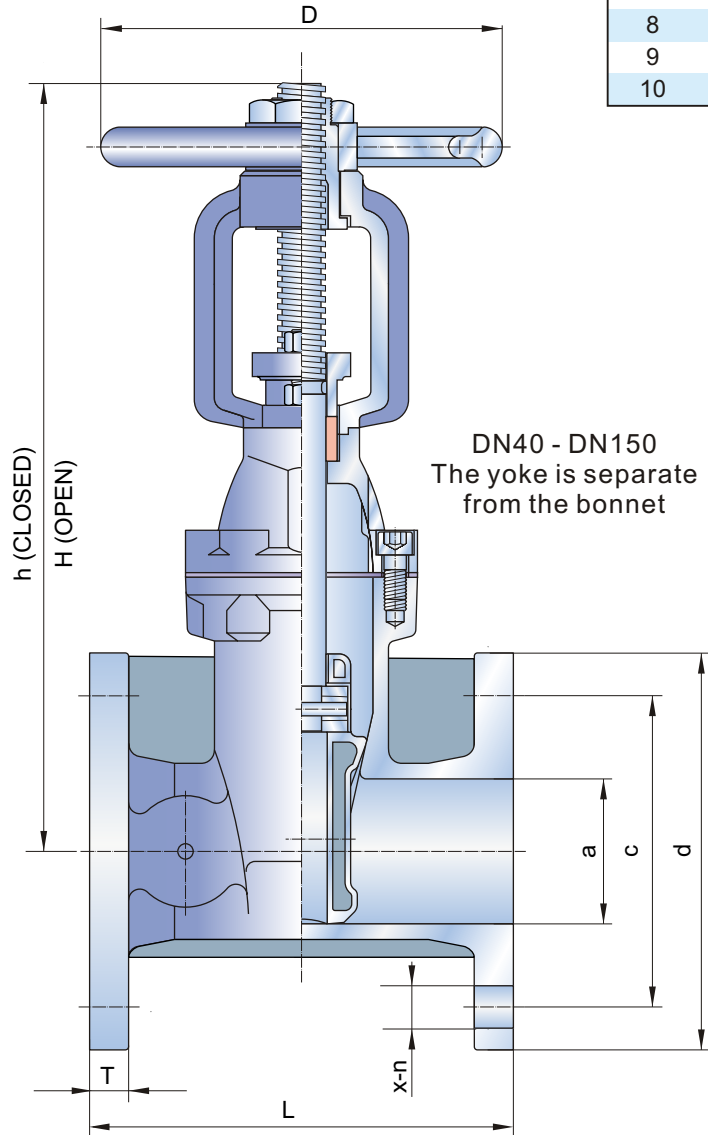

SPECIFICATIONS

Size	1-1/2" - 24" (DN40 - DN300)
Class	125 lbs - 150 lbs
Design	ANSI / AWWA C509
Face to Face	ASME B16.10 / ISO 5752 3 Series
End Flange	ASME B16.1, ASME B16.42
Test	ANSI/AWWA C509

STANDARD MATERIALS OF MAIN PARTS

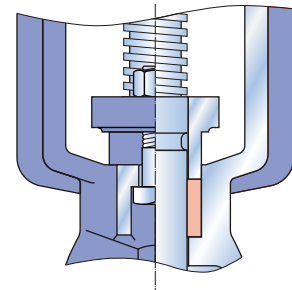
ITEM	PART NAME	MATERIAL
1	Body	Ductile Iron*
2	Wedge	Ductile Iron+NBR / EPDM
3	Bonnet	Ductile Iron
4	Stem	Stainless steel 410,431,316
5	Stem Nut	Brass
6	Packing	Graphite
7	Gland	Ductile Iron
8	Handwheel	Ductile Iron
9	Bonnet Gasket	NBR / EPDM
10	Bonnet Bolts	Stainless Steel

* Cast Iron on request



DN40 - DN150
The yoke is separate
from the bonnet

DN200 - DN300
The yoke is integral
with the bonnet


DIMENSIONS AND WEIGHTS

DN	OUTLINE mm				END FLANGE ANSI 125/150 mm					WEIGHT kg
	L	h	H	D	a	d	c	x-n	T	
40	165	320	365	180	40	127	98.5	4-φ16	14.0	16
50	178	330	385	180	50	152	120.5	4-φ19	16.0	18
65	190	345	415	180	65	178	139.5	4-φ19	17.5	21
80	203	435	518	205	80	191	152.5	4-φ19	19.1	30
100	229	465	570	240	100	229	190.5	8-φ19	24.0	35
125	254	615	745	240	125	254	216.0	8-φ22	24.0	48
150	267	630	790	280	150	279	241.5	8-φ22	25.4	60
200	292	780	990	320	200	343	298.5	8-φ22	28.6	85
250	330	915	1175	360	250	406	362.0	12-φ25	30.0	139
300	356	1080	1390	450	300	483	432.0	12-φ25	31.8	194

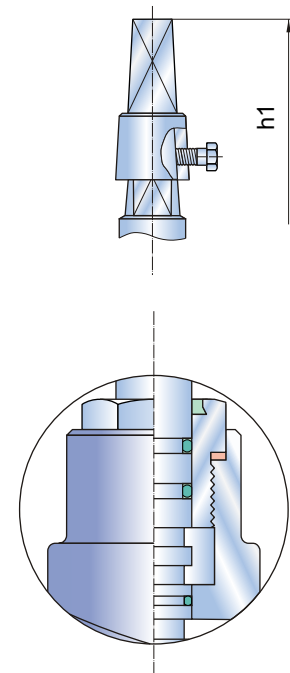
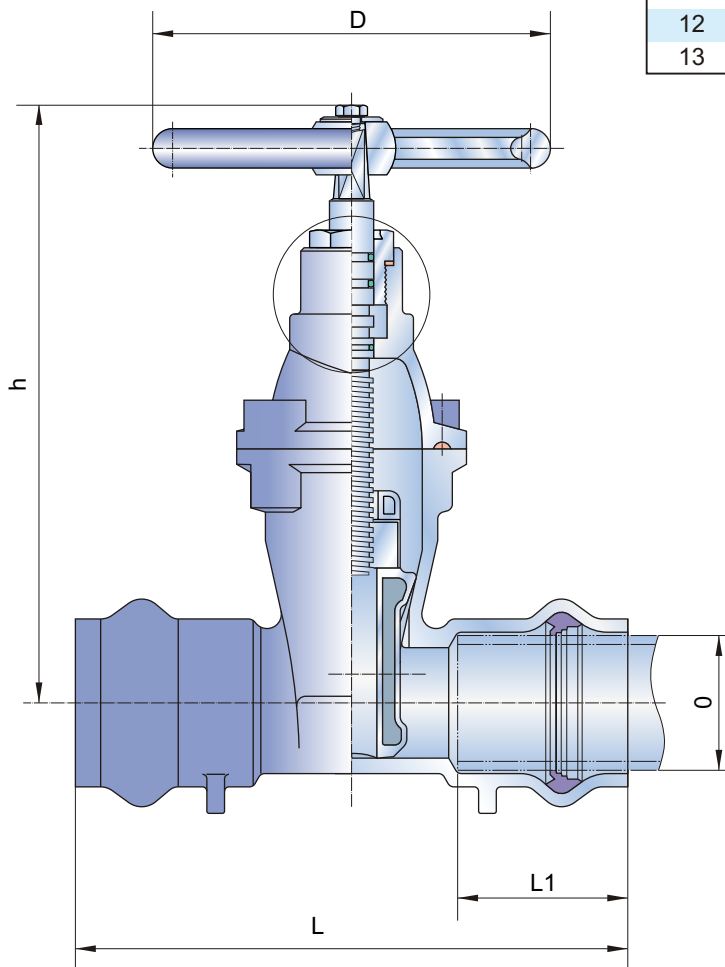


SPECIFICATIONS

Size	DN 50 - DN 300
Class	PN 10 - PN 16
Design	DIN 3352
Face to Face	ISO 5752 15 Series
End Flange	Suitable for PVC Tube
Test	DIN 3230

STANDARD MATERIALS OF MAIN PARTS

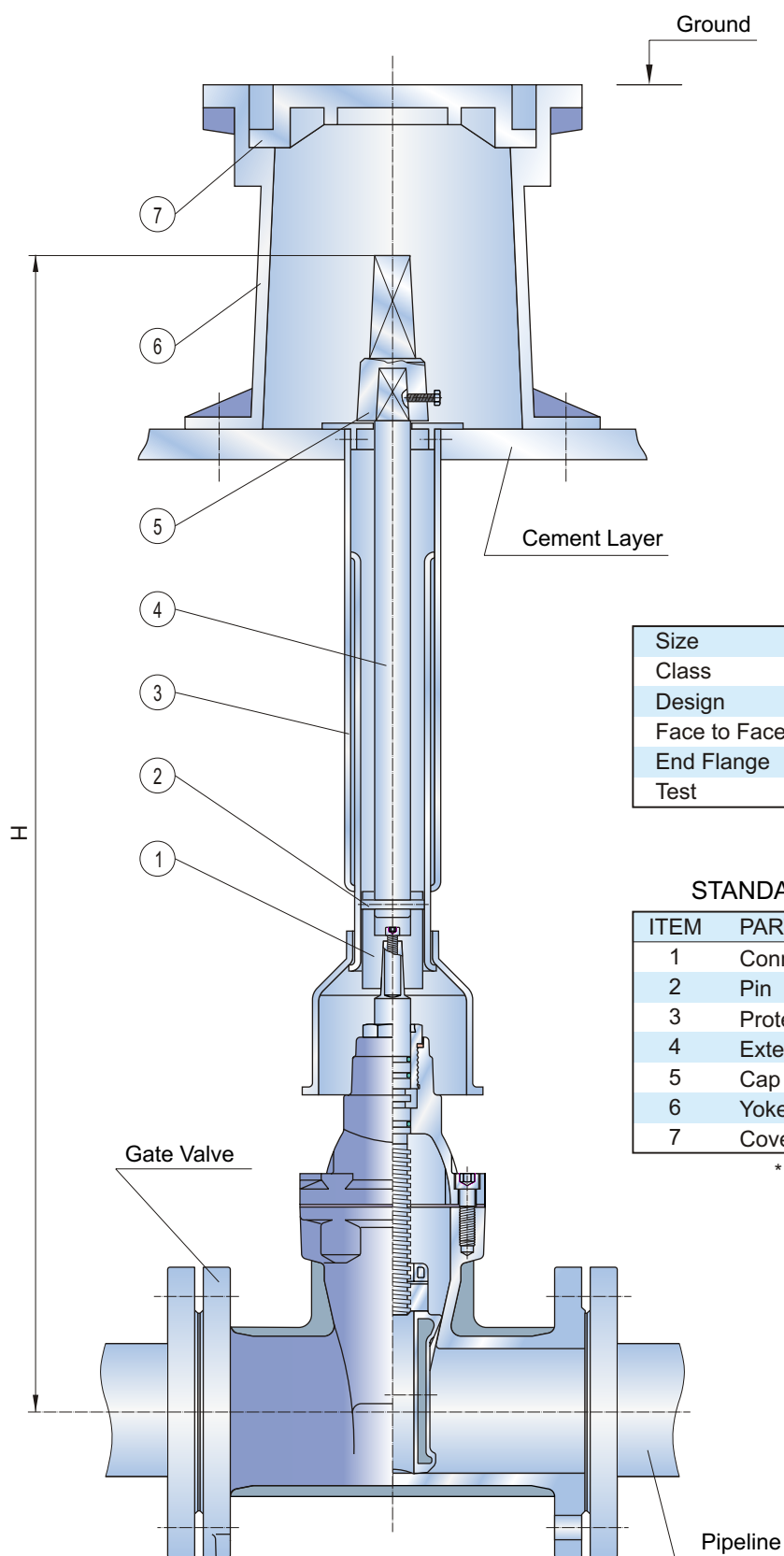
ITEM	PART NAME	MATERIAL
1	Body	Ductile Iron
2	Disc	Ductile Iron+NBR / EPDM
3	Bonnet	Ductile Iron
4	Stem	Stainless steel 410,431,316
5	Stem Nut	Brass
6	Holding Ring	Brass
7	Sealing Ring	Brass
8	Handwheel	Ductile Iron
9	Bonnet Gasket	NBR / EPDM
10	O Ring	NBR
11	Dust Ring	NBR
12	Bonnet Bolts	Stainless Steel
13	Rubber Ring	NBR



DIMENSIONS AND WEIGHTS

DN	PVC Tube mm	OUTLINE mm					WEIGHT kg
	O	L	L1	h	h1	D	
50	63	250	77	300	370	180	11
65	75	270	80	310	380	180	12
80	90	280	84	350	420	205	18
100	110	300	88	380	450	240	23
125	125	325	91	420	490	240	38
	140	325	91	420	490	240	40
150	160	350	94	470	540	280	47
200	200	400	100	590	660	320	74
	225	400	100	590	660	320	78
250	250	450	125	680	750	360	127
300	315	500	140	790	860	450	191

Resilient Seat Gate Valve for Underground Use



SPECIFICATIONS

Size	DN 40 - DN 600
Class	PN 10 - PN 16
Design	DIN 3352, BS5163, AWWA C509
Face to Face	DIN 3202, BS5163, ASME B16.10
End Flange	DIN, BS, ASME Standard
Test	DIN3230, BS5163, AWWA C509

STANDARD MATERIALS OF MAIN PARTS

ITEM	PART NAME	MATERIAL
1	Connection	Ductile Iron
2	Pin	Carbon Steel
3	Protection Tube	PVC
4	Extension Stem	Carbon Steel
5	Cap	Ductile Iron
6	Yoke	Ductile Iron
7	Cover	Ductile Iron

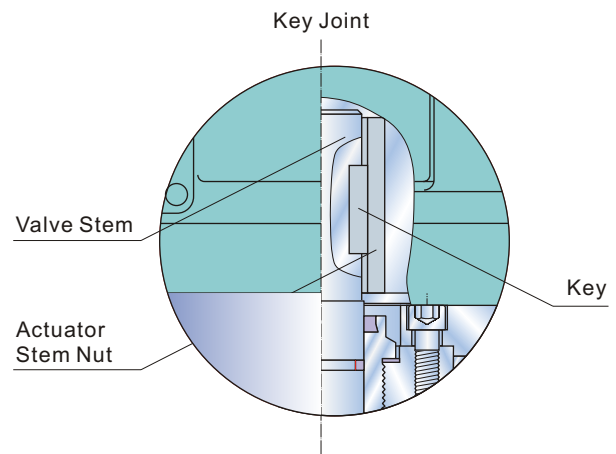
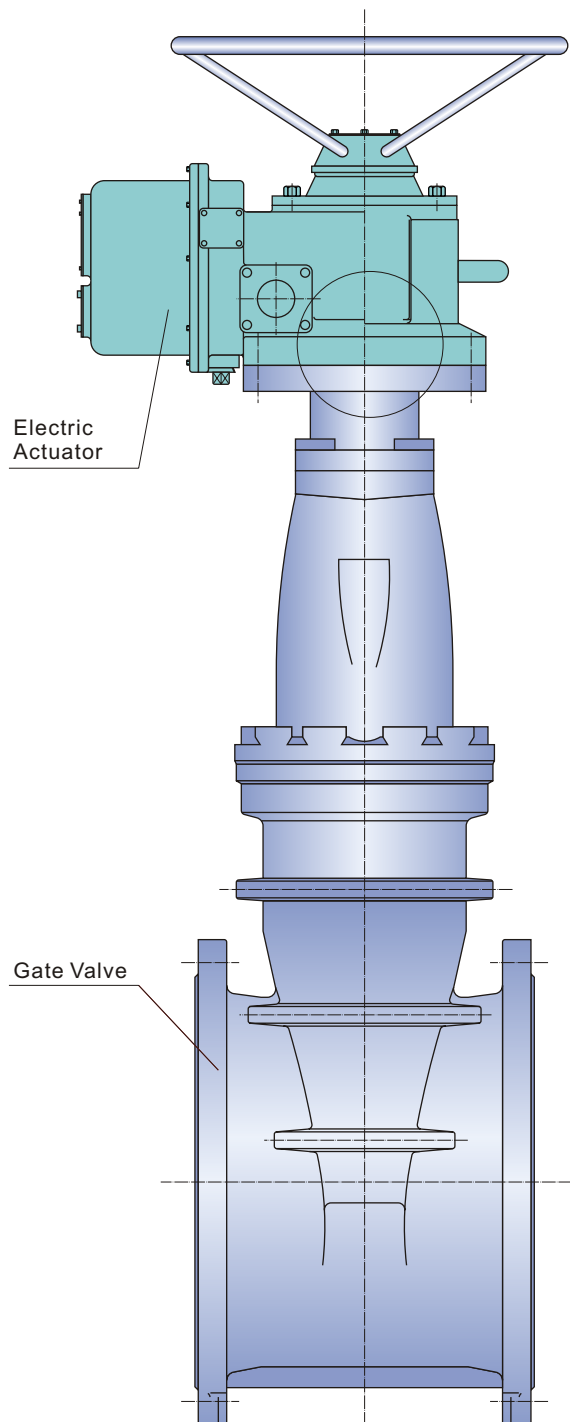
* H dimension as per customer requirement



Resilient Seat Gate Valve with Electric Actuator

Specifications

Size	DN 40 - DN 600
Class	PN 10 - PN 16
Design	DIN 3352, BS5163, AWWA C509
Face to Face	DIN 3202, BS5163, ASME B16.10
End Flange	DIN, BS, ASME Standard
Test	DIN3230, BS5163, AWWA C509

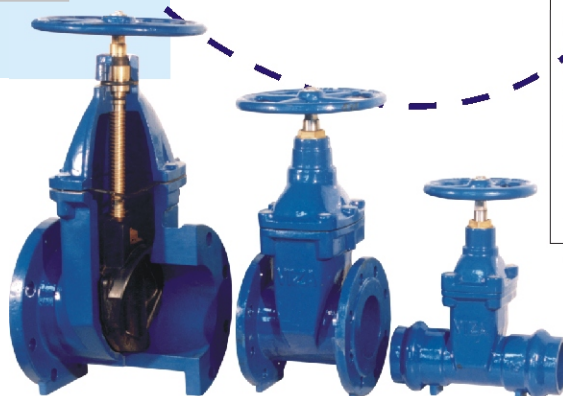
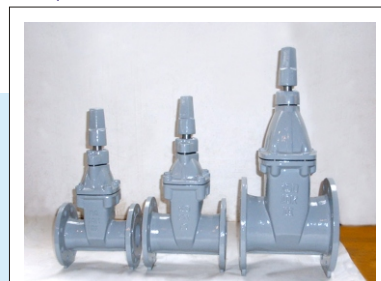


Valve Torque & Electric Actuator Type

DN (mm)	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
Torque(Nm)	40	45	70	80	100	150	260	300	350	400	490	660	680	1100	1350
Actuator Type	9030	9031	9032	9033	9034	9035									
Flange No.	F07	F10	F14	F16	F25	F30									

Notes: 1. The torque data is in maximum working pressure 1.6 MPa, safety factor not included.

2. Electric actuator is selected from TIANJIN BEIFANG VALVE ACTUATOR COMPANY, CHINA.





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Email: sales@vizavalve.com Website: www.vizavalve.com

Factory

ANHUI HEXIAN JIANGHONG VALVE CO., LTD. (ANHUI HEXIAN VIZA VALVE MANUFACTURING CO, LTD.)

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