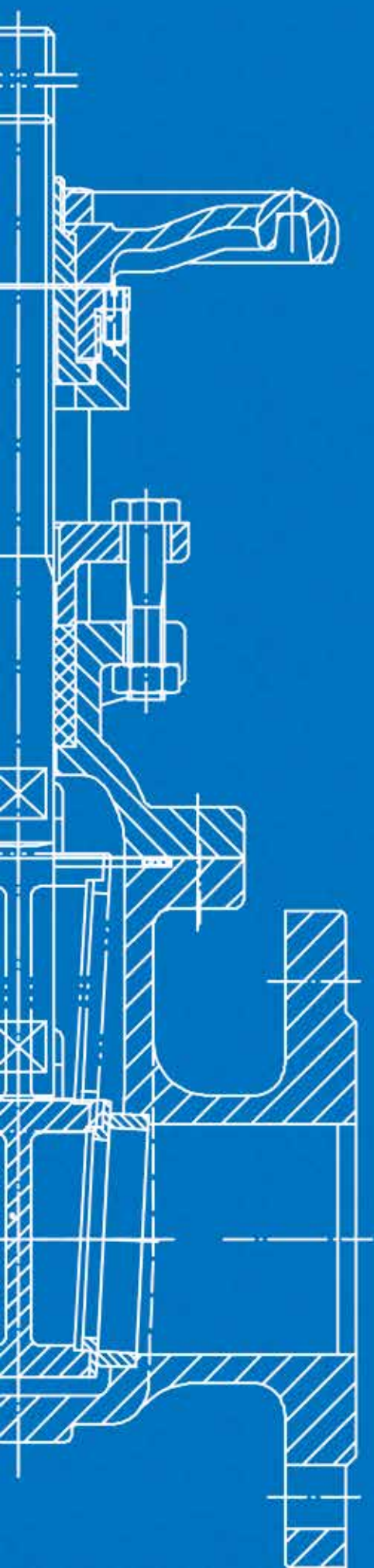
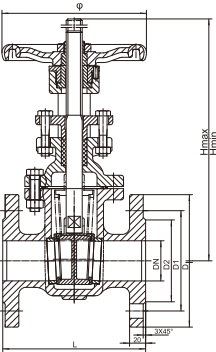




BS PRODUCTS

PN10/16 OS & Y Metal Seated Gate Valve



Specifications

Basic standard
● Design and manufacture: BS 5163
● Flange end: BS 4504
● Face to face: ISO 5752-3
● Test: BS 5146
Feature
● Norminal pressure (MPa): 1.6
● Seal test: 1.8 MPa
● Shell test: 2.4 MPa
● Suitable temperature: ≤100℃

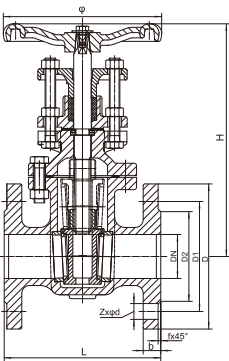
Main parts and materials

Part Name	Material
Body	Cast iron
Bonnet	Cast iron
Disc	Cast iron
Seal ring	Brass/SS
Stem	SS420

Dimensions

DN	L	D	D1	D2	b-f	z-Φd	Hmax	Hmin	D0
50	178±2	165	125	102	20-3	4-18	334	279.6	180
65	190±2	185	145	122	20-3	4-18	379.6	308.3	180
80	203±2	200	160	138	22-3	8-18	452	366.6	200
100	229±2	220	180	158	24-3	8-18	527.5	417.5	250
125	254±2	250	210	188	26-3	8-18	620	485.5	250
150	267±2	285	240	212	26-3	8-22	720	560.5	300
200	292±2	340	295	268	30-3	8-22	930	715.6	360
250	330±2	405	355	320	32-3	12-26	1113.6	849	360
300	356±3	460	410	378	32-4	12-26	1317	1003	450

PN10/16 Non Rising Stem Metal Seated Gate Valve



Specifications

Basic standard
● Design and manufacture: BS 5163
● Flange end: BS 4504
● Face to face: ISO 5752-3
● Test: BS 5146
Feature
● Norminal pressure (MPa): 1.6
● Seal test: 1.8 MPa
● Shell test: 2.4 MPa
● Suitable temperature: ≤100℃

Main parts and materials

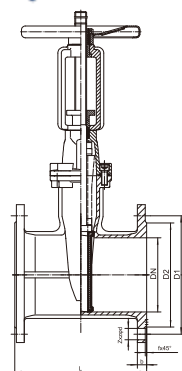
Part Name	Material
Body	Cast iron
Bonnet	Cast iron
Disc	Cast iron
Seal ring	Brass/SS420
Stem	SS420

Dimensions

DN	L	D	D1	D2	b-f	z-Φd	H	Φ
50	178±	165	125	102	20-3	4-Φ19	264.6	180
65	190±2	185	145	122	20-3	4-Φ19	296.2	180
80	203±2	200	160	138	22-3	8-Φ19	330.3	180
100	229±2	220	180	158	24-3	8-Φ19	387	250
125	254±2	250	210	188	26-3	8-Φ19	415.5	250
150	267±2	285	240	210	26-3	8-Φ23	480.7	300
200	292±2	460	295	268	30-3	8-Φ23	585	360
250	330±2	405	355	320	32-3	12-Φ28	706	400
300	356±3	340	410	378	32-4	12-Φ28	807	400

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PN10/16 OS & Y Resilient Seated Gate Valve



Specifications

Basic standard
- Design and manufacture: BS 5163 - Flange end: EN 1092 PN10/16 - Face to face: BS 5163
Feature
- Normal pressure (MPa): 1.6 - Seal test(water): 1.76MPa - Shell test(water): 2.4 MPa - Suitable temperature: -10-80℃ - Suitable medium: water

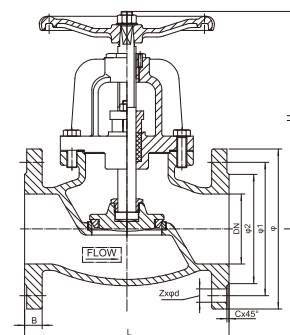
Main parts and materials

Part Name	Material
Body	Ductile Iron
Bonnet	Ductile Iron
Stem	2Cr13
Disc	Ductile Iron+NBR/EPDM

Dimensions

DN	L	D	D1	D2	b	f	z-d
50	178±1.5	165	125	99	19	3	4-Φ19
65	190±2	185	145	118	19	3	4-Φ19
80	203±2	200	160	132	19	3	8-Φ19
100	229±2	220	180	156	21	3	8-Φ19
125	254±2	250	210	184	22	3	8-Φ19
150	267±2	285	240	211	22	3	8-Φ23
200	292±2	340	295	266	23	3	12-Φ23
250	330±3	405	355	319	26	3	12-Φ28
300	356±3	460	410	370	28.5	4	12-Φ28
350	381±3	520	470	429	26.5	4	16-Φ28
400	406±3	580	525	480	28	4	16-Φ31
450	432±3	640	585	548	30	4	20-Φ31
500	457±4	715	650	609	31.5	4	20-Φ34
600	508±4	840	770	720	36	5	20-Φ37

PN10/16 Globe Valve



Specifications

Basic standard
- Design and manufacture: BS 5152 - Flange end: BS 4504 PN10/16
Feature
- Normal pressure (MPa): 1.6 - Shell test(water): 2.4MPa - Seal test(water): 1.76MPa - Seal test(gas): 0.6MPa

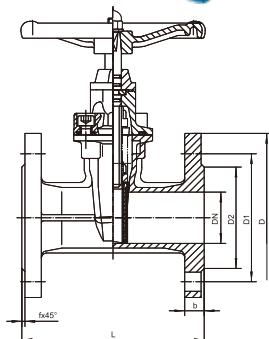
Main parts and materials

Part Name	Material
Body	Cast Iron/Ductile Iron
Bonnet	Cast Iron/Ductile Iron
Stem	2Cr13
Sealing	Brass

Dimensions

DN	L	Φ	Φ1	Φ2	B	C	Z×Φd	Hmin	Hmax
50	203	165	125	99	20	3	4×Φ19	231	248.8
65	216	185	145	118	20	3	4×Φ19	241.7	262.5
80	241	200	160	132	22	3	8×Φ19	258.7	289.4
100	292	220	180	156	24	3	8×Φ19	310.8	351.6
125	330	250	210	184	26	3	8×Φ19	350.7	405
150	356	285	240	211	26	3	8×Φ23	394.7	462.5
200	495	340	295	266	30	3	12×Φ23	461.5	554.5
250	622	405	355	319	32	3	12×Φ28	541	627.5

PN10/16 Non Rising Stem Resilient Seated Gate Valve



Specifications

Basic standard
- Design and manufacture: BS 5163 - Flange end: EN 1092 PN10/16 - Face to face: BS 5163
Feature
- Normal pressure (MPa): 1.6 - Seal test(water): 1.76MPa - Shell test(water): 2.4 MPa - Suitable temperature: -10-80℃ - Suitable medium: water

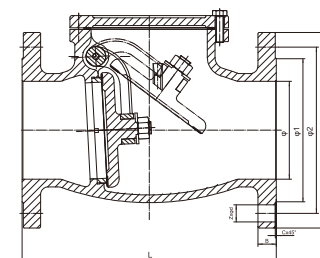
Main parts and materials

Part Name	Material
Body	Ductile Iron
Bonnet	Ductile Iron
Stem	2Cr13
Disc	Ductile Iron+NBR/EPDM

Dimensions

DN	L	D	D1	D2	b	f	z-d
50	178±1.5	165	125	99	19	3	4-Φ19
65	190±2	185	145	118	19	3	4-Φ19
80	203±2	200	160	132	19	3	8-Φ19
100	229±2	220	180	156	21	3	8-Φ19
125	254±2	250	210	184	22	3	8-Φ19
150	267±2	285	240	211	22	3	8-Φ23
200	292±2	340	295	266	23	3	12-Φ23
250	330±3	405	355	319	26	3	12-Φ28
300	356±3	460	410	370	28.5	4	12-Φ28
350	381±3	520	470	429	26.5	4	16-Φ28
400	406±3	580	525	480	28	4	16-Φ31
450	432±3	640	585	548	30	4	20-Φ31
500	457±4	715	650	609	31.5	4	20-Φ34
600	508±4	840	770	720	36	5	20-Φ37

PN10/16 Swing Check Valve



Specifications

Basic standard
- Face to face: BS 5153 - Flange end: BS4504 PN10/16
Feature
- Normal pressure (MPa): 1.6 - Shell test(water): 2.4MPa - Seal test(water): 1.76MPa - Seal test(gas): 0.6 MPa

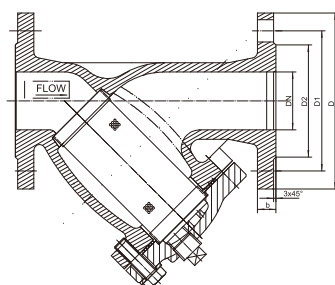
Main parts and materials

Part Name	Material
Body	Cast iron
Bonnet	Cast iron
Disc	Cast iron
Sealing	Brass

Dimensions

DN	Φ	Φ1	Φ2	Φ3	L0 ^{+1.52}	B0 ^{+2.03}	C	Z×Φd
50	50.8	99	125	165	203.2	20	3	4×Φ19
65	63.5	118	145	185	215.9	20	3	4×Φ19
80	76.2	132	160	200	241.3	22	3	8×Φ19
100	101.6	156	180	220	292.1	24	3	8×Φ19
125	127	184	210	250	330.2	26	3	8×Φ19
150	152.4	211	240	285	355.6	26	3	8×Φ23
200	203.2	266	295	340	495.3	30	3	12×Φ23
250	254	319	355	405	622.3	32	3	12×Φ28
300	304.8	370	410	460	698.5	32	4	12×Φ28

PN10/16 Y-Strainer



Specifications

Basic standard
- Flange end: EN1092-2:1997 PN10/16 - Test: ISO5208
Feature
- Normal pressure (MPa): 1.6 - Strength test: 2.46MPa - Suitable medium: water,oil,steam - Suitable temperature: -10-200℃

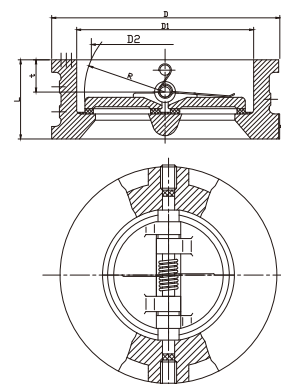
Main parts and materials

Part Name	Material
Body	Cast Iron
Bonnet	Cast Iron
Screen	SS304

Dimensions

DN	L	D	D1	D2	b	Z×Φd
50	225	165	125	99	16	4×Φ19
65	273	185	145	118	17.5	4×Φ19
80	292	200	160	132	19.1	8×Φ19
100	352	220	180	156	24	8×Φ19
125	416	250	210	184	24	8×Φ19
150	470	285	240	211	25.4	8×Φ23
200	543	340	295	266	28.5	12×Φ23
250	660	405	355	319	30	12×Φ23
300	762	460	410	370	31.8	12×Φ28

PN10/16 Wafer Check Valve



Specifications

Basic standard
- Face to face: EN558-1 SERIES 16 - Flange end: ANSI125/150 DIN2205 PN10/16 BS4504 PN10/16 JIS10K
Feature
- Normal pressure (MPa): 1.0 / 1.6 - Seal test(water): 15bar / 24bar - Shell test(water): 11bar/ 17.6bar - Suitable medium: water

Main parts and materials

Part Name	Material
Seat	EPDM
Body	Ductile iron/Cast iron
Disc	GGG50/SS304/316
Stem	SS420/304
Spring	SS420/304

Dimensions

DN	D	D1	D2	L	R	t
40	91	57	35	43	25.8	19
50	107	65	40	43	27	18.4
65	127	80	60	46	35	19.8
80	142	94	70	64	42	27.7
100	162	117	88	64	50	27.7
125	192	145	115	70	64	30.3
150	218	171	134	76	77	31.6
200	273	224	182	89	102.5	32.9
250	328	265	220	114	125	50.5
300	378	310	260	114	146	43.3
350	437	360	298	127	170	45.3
400	488	410	350	140	195	52.3
450	539	450	385	152	215	58.2
500	594	505	438	152	238	58.3
600	695	624.5	538	178	292	74.6
700	810	720	662	229	345	98

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HYDRAULIC CONTROL PRODUCTS

