

JIS/KS PRODUCTS

10K/20K Gate Valve

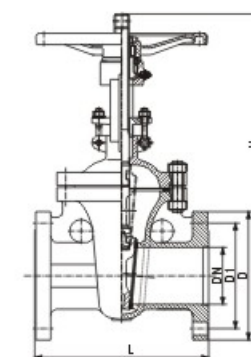


Main Parts and Materials

Parts Name	Material
Body, Bonnet, Disc	SCPH2
Stem	STS 403
Seat Ring	SSC1
HandWheel	FCD 450-10

Standards

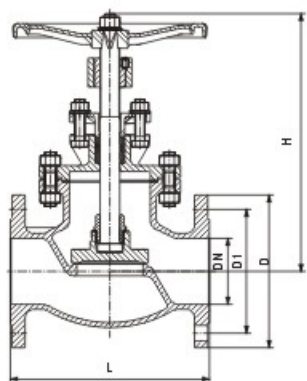
Design and Manufacture	HS B 2361
Face to face	KS B 2306
Flange End	KS B 1511
Inspection	KS B 2304



Dimensions

10K							20K						
Size	L	D	b-f	Zxφd	H	D ₁	Size	L	D	b-f	Zxφd	H	D ₁
50	178	155	16-2	4xφ19	338	180	50	216	155	22-2	8xφ19	320	220
65	190	175	18-2	4xφ19	362	180	65	241	175	24-2	8xφ19	350	220
80	203	185	18-2	8xφ19	415	224	80	283	200	26-2	8xφ23	295	280
100	229	210	18-2	8xφ19	447	250	100	305	225	28-2	8xφ23	436	300
125	254	250	20-2	8xφ23	555	300	125	381	270	30-2	8xφ25	505	280
150	267	280	22-2	8xφ23	618	330	150	403	305	32-2	12xφ25	576	350
200	292	330	22-2	12xφ23	781.4	330	200	419	350	34-2	12xφ25	728	400
250	330	400	24-2	12xφ25	927.4	355	250	457	430	38-2	12xφ27	884	450
300	356	445	24-3	16xφ25	1073.4	400	300	502	480	40-3	16xφ27	1036	500

10K/20K Globe Valve



Main Parts and Materials

Parts Name	Material
Body, Bonnet, Disc	SCPH2
Stem	SSC1
Seat Ring	STS 403
Hand Wheel	FCD 450-10

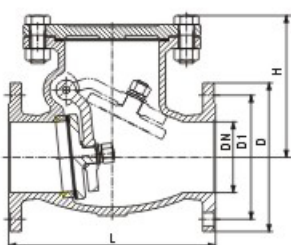
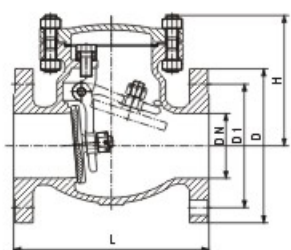
Standards

Design and Manufacture	KS B 2361
Face to face	KS B 2306
Flange End	KS B 1511
Inspection	KS B 2304

Dimensions

10K							20K						
Size	L	D	b-f	Zxφd	H	D ₀	Size	L	D	b-f	Zxφd	H	D ₀
50	203	155	16-2	4xφ19	290	200	50	267	155	22-2	8xφ19	290	240
65	216	175	18-2	4xφ19	295	200	65	292	175	24-2	8xφ19	319	240
80	241	185	18-2	8xφ19	323	240	80	318	200	26-2	8xφ23	345	280
100	292	210	18-2	8xφ19	345	280	100	356	225	28-2	8xφ23	395	260
125	356	250	50-2	8xφ23	414	360	125	400	270	30-2	8xφ25	441	400
150	406	280	22-2	8xφ23	443	360	150	444	305	32-2	12xφ25	510	450
200	495	330	22-2	12xφ23	530	450	200	559	350	34-2	12xφ25	737	560

10K/20K Swing Check Valve



Main Parts and Materials

Parts Name	Material
Body, Bonnet, Disc	SCPH2
Seat Ring	SSC1
Stem	SCPH2
Hinge Pin	STS 420J1-B

Standards

Design and Manufacture	Face to Face	Flange End	Inspection
KS B 2361	KS B 2306	KS B 1511	KS B 2304

Dimensions

Size	L	D	b-f	Zxφd	H
50	203	155	16-2	4xφ19	146
65	216	175	18-2	4xφ19	154.5
80	241	185	18-2	8xφ19	168
100	292	210	18-2	8xφ19	200
125	330	250	20-2	8xφ23	220.5
150	356	280	22-2	8xφ23	290
200	495	330	22-2	12xφ23	359
250	622	400	24-2	12xφ25	402
300	698	445	24-3	16xφ25	445

Size	L	D	b-f	Zxφd	H
50	267	155	22-2	8xφ19	164.5
65	292	175	24-3	8xφ19	166.5
80	318	200	26-2	8xφ23	184
100	356	225	28-2	8xφ23	219.5
125	400	270	30-2	8xφ25	239.5
150	444	305	32-2	12xφ25	299
200	533	350	34-2	12xφ25	367
250	622	430	38-2	12xφ27	435
300	711	480	40-3	16xφ27	491

10K/20K Butterfly Valve

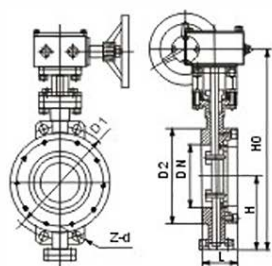


Main Parts and Materials

Parts Name	Material
Body	WCB, SS304, SS316, 304L, 316L
Disc	WCB, SS304, SS316, 304L, 316L
Seat Ring	304, 316, 2Cr13, 1Cr18Ni9Ti
Stem	304, 316, 2Cr13

Standards

Design and Manufacture	Flange End	Face to Face	Inspection
AP1609-1983	JIS B2212; JIS B2213; JIS B2214	JIS B2002-1987	JIS B2003-1987



Test Pressure

Nominal Pressure (Mpa)	Test Pressure		Suitable Medium	Suitable Temperature(°C)
PN(MPa)	Shell Test (Mpa)	Seal Test (Mpa)	Water, Steam, oil products, Sea Water	-29~425°C
10K	1.5	1.1		
20K	3.0	2.2		

Dimensions

DN	Face-to Face (standard)		External Dimension (Reference)										Connection Dimension (Standard)						
			L			H	D343H			D643H			D943H			10K			20K
	mm	Short	Long	H1	A1		B1	H2	A2	B2	H3	A3	B3	D	D1	Z-d	D	D1	Z-d
50	108	150	112	350	180	200	605	245	72	530	250	255	155	120	4-19	155	120	8-19	
65	112	170	115	370	180	200	625	245	72	530	250	255	175	140	8-19	175	140	8-19	
80	114	180	120	380	180	200	645	245	72	565	250	255	185	150	8-19	200	160	8-23	
100	127	190	138	420	180	200	675	355	92	600	600	255	210	175	8-19	225	185	8-23	
125	140	200	164	460	180	200	715	355	92	640	640	255	250	210	8-23	270	225	8-25	
150	140	210	175	555	270	280	800	355	92	705	705	315	280	240	8-23	305	260	12-25	
200	152	230	208	605	270	280	850	250	170	775	775	315	330	290	12-23	350	305	12-25	
250	165	250	243	680	270	280	925	250	170	945	945	315	400	355	12-25	430	380	12-27	
300	178	270	283	800	380	420	1035	450	220	1070	1070	315	445	400	16-25	480	430	16-27	
350	190	290	310	835	380	420	1070	450	220	1140	1140	315	490	445	16-25	540	480	16-33	
400	216	310	340	915	450	470	1190	450	220	1210	1210	315	560	410	16-27	605	540	16-33	
450	222	330	380	960	480	490	1250	650	280	1335	1335	714	620	465	20-27	675	605	20-33	
500	229	350	410	1020	480	490	1290	650	280	1415	1415	714	675	620	20-27	730	660	20-33	
600	267	390	470	1225	480	490	1455	850	380	1605	1605	810	795	730	24-33	845	770	24-39	
700	292	430	550	1355	640	660	1585	850	380	1844	1844	810	905	840	24-33	995	900	24-48	
800	318	470	640	1470	640	660	1700	1250	380	2040	2040	810	1020	950	28-33	1140	1030	24-56	
900	330	510	719	1545	850	900	1864	1250	380	2255	2255	863	1120	1050	28-33	1250	1140	28-56	
1000	410	550	770	1795	850	900	2015	1500	380	2380	2380	863	1235	1160	28-39	-	-	-	
1200	470	630	890	1965	850	900	2226	1500	380	2460	2460	863	1465	1380	32-39	-	-	-	

RUSSIA STANDARD PRODUCTS