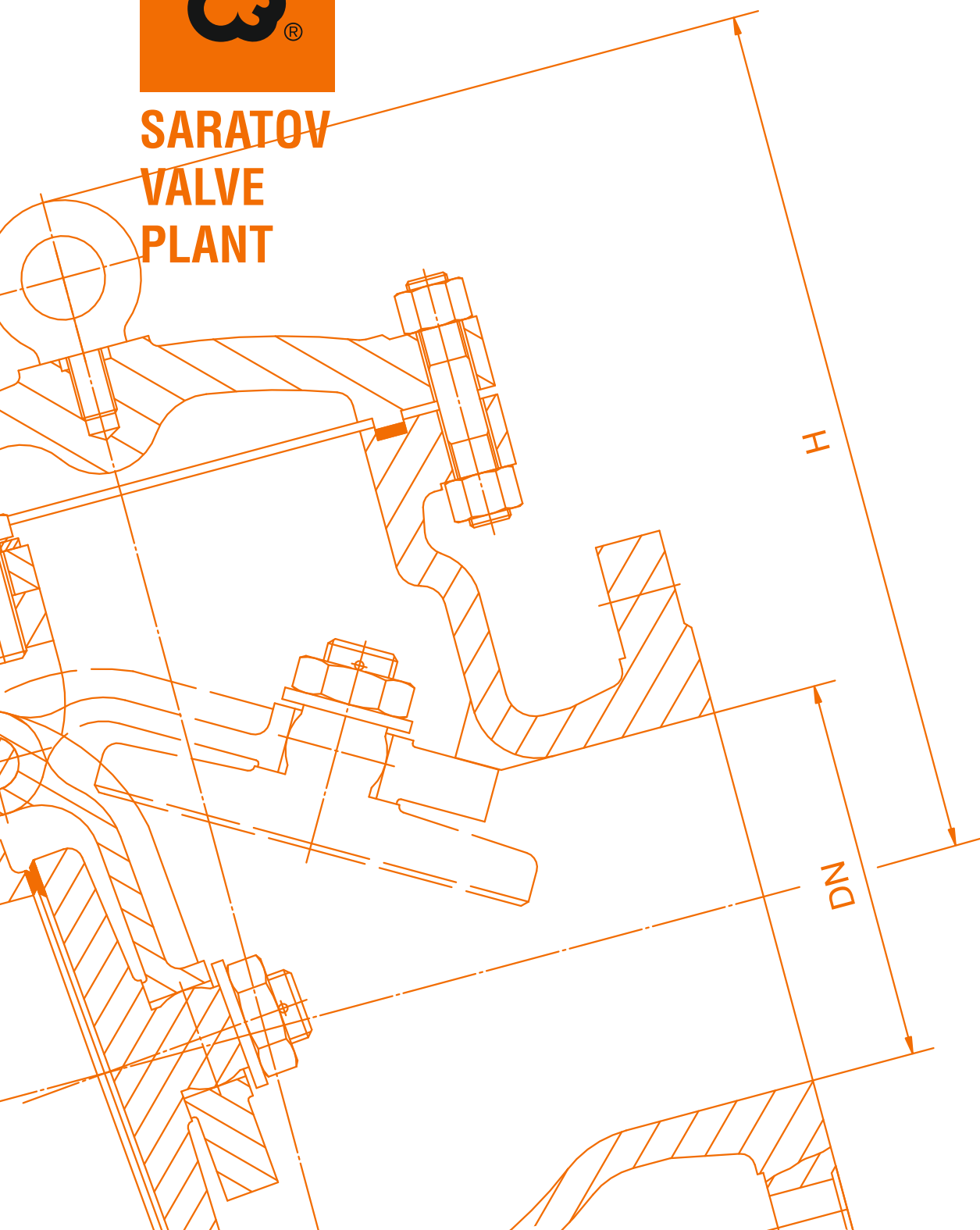


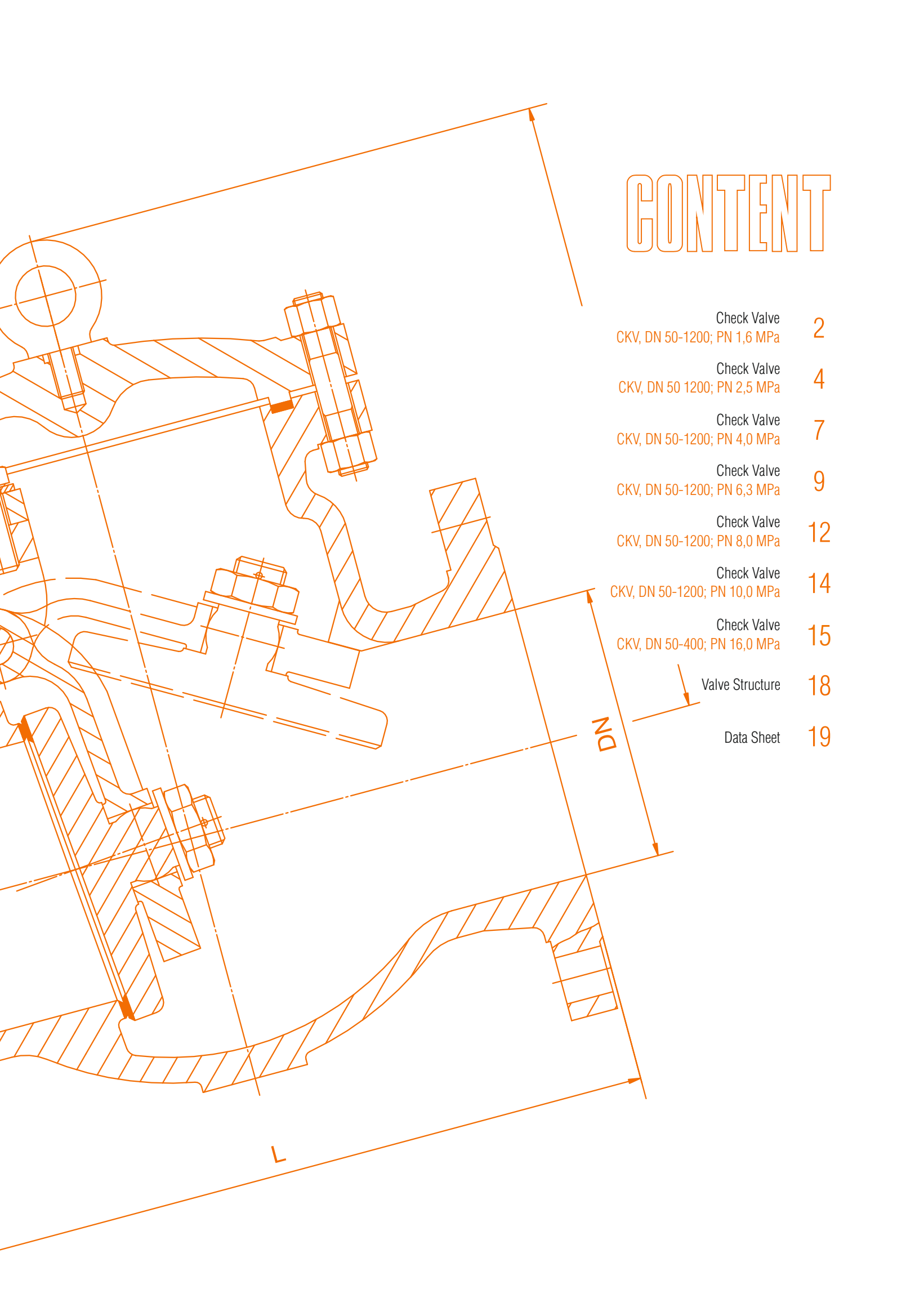


**SARATOV
VALVE
PLANT**



CHECK VALVES

Industrial valve
catalogue **2017**



CONTENT

Check Valve
CKV, DN 50-1200; PN 1,6 MPa 2

Check Valve
CKV, DN 50-1200; PN 2,5 MPa 4

Check Valve
CKV, DN 50-1200; PN 4,0 MPa 7

Check Valve
CKV, DN 50-1200; PN 6,3 MPa 9

Check Valve
CKV, DN 50-1200; PN 8,0 MPa 12

Check Valve
CKV, DN 50-1200; PN 10,0 MPa 14

Check Valve
CKV, DN 50-400; PN 16,0 MPa 15

Valve Structure 18

Data Sheet 19



Check Valve

Appliance: reverse flow prevention
Standard: TY 3742-006-55377430-08

Environment

Medium	Corrosive, non-corrosive, explosive medium
Medium temperature, °C	+425C (non-corrosive medium); +350C (corrosive medium); +200 (highly corrosive medium)
Climate group	N1, F1, NF1
Installation	Lugs up (horizontal installation) / inlet hub down (vertical installation)
Medium direction	According to indicator
Connection	Wafer, flanged, butt welded

Technical data

Nominal pressure, PN, MPa	1,6; 2,5; 4,0; 6,3; 8,0; 10,0; 16,0
Seat (trim) leakage	Acc. GOST 9544-2015

Materials

Part	Material
Body, cover	API: WCB, LCB, LC1, CF8, CF8M DIN: 1.0619, 1.1138, 1.4306, 1.4308, 1.4408 GOST: 20L, 20GL, 1Cr18Ni9Ti, 1Cr18Ni, 10Mo2Ti
Disk	API: WCB, LCB, LC1, CF8, CF8M DIN: 1.0619, 1.1138, 1.4306, 1.4308, 1.4408 GOST: 20L, 20GL, 1Cr18Ni9Ti, 1Cr18Ni, 10Mo2Ti
Hinge pin	1Cr13, 10Mo2Ti
Sealing	Stainless steel

Reliability indices

Mean working life, years (min)	15
Total mean life, cycles (min)	2800
Operating time to failure, cycles	600

CHECK VALVE DN 50-1200; PN 1,6 MPa FLANGED TYPE

Fig.1

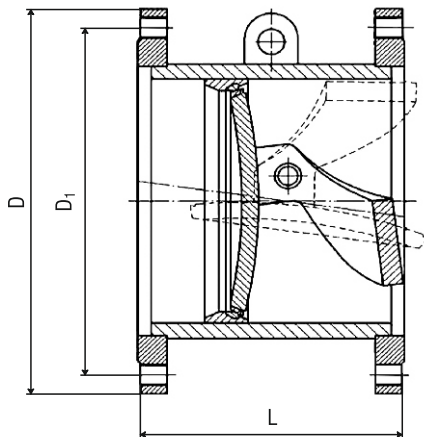
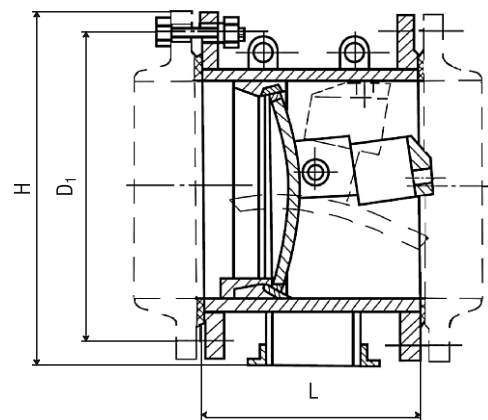


Fig.2



Main overall and connecting dimensions (mm), weight (kg)

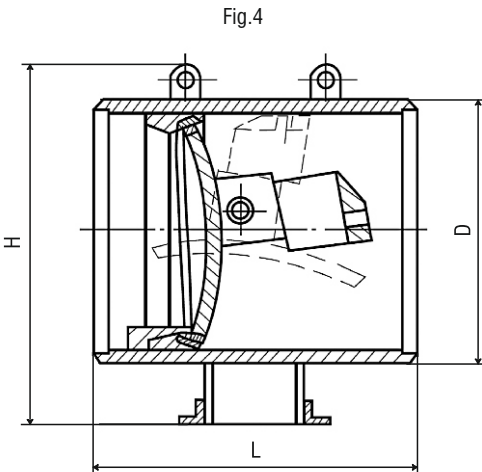
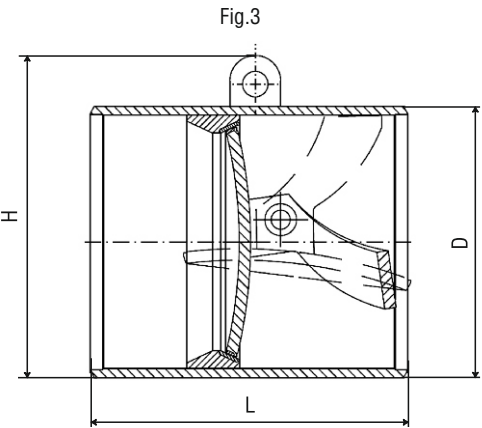
DN	Model	Pic.	D	D ₁	L	H	Weight*, max
50	CKV 50.16.3311	1	160	125	100	-	12
80	CKV 80.16.3311		195	160	150	-	18
100	CKV 100.16.3311		215	180	160	-	21
125	CKV 125.16.3311		245	210	160	-	22
150	CKV 150.16.3311		280	240	200	-	32
200	CKV 200.16.3311		335	295	225	-	53
250	CKV 250.16.3311		405	355	250	-	74
300	CKV 300.16.3311		460	410	300	-	113
350	CKV 350.16.3311		520	470	350	-	165
400	CKV 400.16.3311		580	525	400	-	210
500	CKV 500.16.3311		710	650	500	-	360
600	CKV 600.16.3311		840	770	600	-	553
700	CKV 700.16.3311	2	-	840	700	910	805
800	CKV 800.16.3311		-	950	750	1020	1006
1000	CKV 1000.16.3311		-	1170	850	1255	1066
1200	CKV 1200.16.3311		-	1390	1000	1535	2540



CHECK VALVE

CKV, DN 50-1200; PN 1,6 MPa

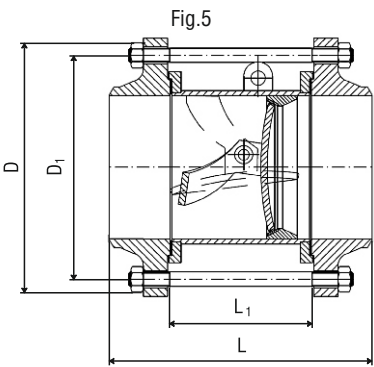
CHECK VALVE DN 50-1200; PN 1,0 MPa BUTT WELDED TYPE



Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	D	L	H	Weight*, max
50	CKV 50.16.4311	3	58	100	78	2
80	CKV 80.16.4311		89	150	109	6
100	CKV 100.16.4311		108	160	128	7
125	CKV 125.16.4311		133	170	186	11
150	CKV 150.16.4311		159	200	179	16
200	CKV 200.16.4311		219	225	305	30
250	CKV 250.16.4311		273	250	358	47
300	CKV 300.16.4311		325	250	400	83
350	CKV 350.16.4311		377	300	455	127
400	CKV 400.16.4311		426	350	515	179
500	CKV 500.16.4311		530	500	615	267
600	CKV 600.16.4311		630	600	740	247
700	CKV 700.16.4311	4	723	700	952	632
800	CKV 800.16.4311		820	750	968,5	891
1000	CKV 1000.16.4311		1222	850	1024	1333
1200	CKV 1200.16.4311		1220	1000	1535	1780

CHECK VALVE DN 100-600; PN 1,6 MPa WAFER TYPE WITH COUNTER FLANGES



Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	D	D ₁	L	L ₁	Weight*, max
100	CKV 100.16.0311	5	215	180	234	128	21
125	CKV 125.16.0311		245	210	278	160	28
150	CKV 150.16.0311		280	240	278	160	40
200	CKV 200.16.0311		335	295	320	200	61
250	CKV 250.16.0311		405	355	416	280	115
300	CKV 300.16.0311		460	410	418	280	147
350	CKV 350.16.0311		520	470	496	350	211
400	CKV 400.16.0311		580	525	504	350	268
500	CKV 500.16.0311		710	650	636	450	450
600	CKV 600.16.0311		840	770	660	480	675

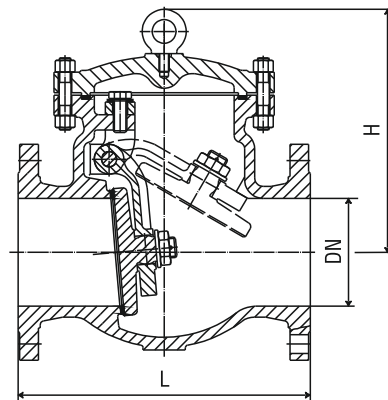


CKV, DN 50-1200; PN 1,6 MPa

CHECK VALVE

CAST CHECK VALVE FLANGED TYPE DN 50-1200; PN1,6 MPa

Fig.6



Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	L	H	Weight*, max
50	CKV 50.16.3312	6	230	150	17
65	CKV 65.16.3312		290	168	21
80	CKV 80.16.3312		310	180	29
100	CKV 100.16.3312		350	210	42
125	CKV 125.16.3312		400	248	69
150	CKV 150.16.3312		480	275	74
200	CKV 200.16.3312		500/550	350	108
250	CKV 250.16.3312		650	410	177
300	CKV 300.16.3312		750	430	282
350	CKV 350.16.3312		980	475	372
400	CKV 400.16.3312		1100	552	570
450	CKV 450.16.3312		1200	600	665
500	CKV 500.16.3312		1250	660	900
600	CKV 600.16.3312		1450	740	1359
700	CKV 700.16.3312		1450	765	1900
800	CKV 800.16.3312		1594	868	2440
900	CKV 900.16.3312		2050	1035	2980
1000	CKV 1000.16.3312		2096	1090	4870
1200	CKV 1200.16.3312		2540	1391	7950

Check valves made of carbon steel are represented in the table

For more information, concerning materials used in check valves, please refer to Chapter "Valve structure" Page 18.

Medium temperature is represented in the table on page 2.

CKV, DN 50-1200; PN 2,5 MPa

CHECK VALVE

CHECK VALVE DN 100-1200; PN 2,5 MPa FLANGED TYPE

Fig.1

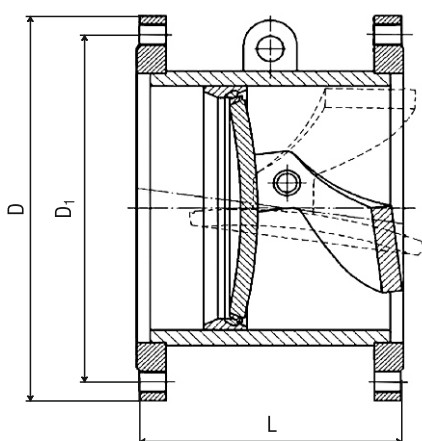
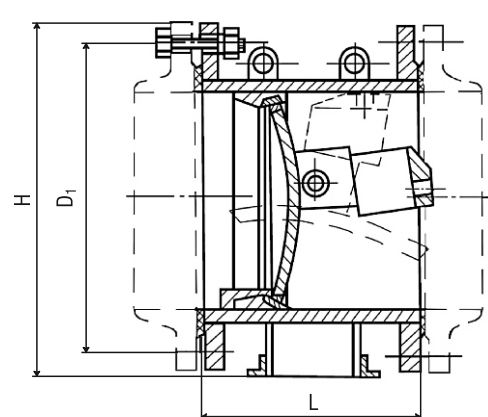


Fig.2





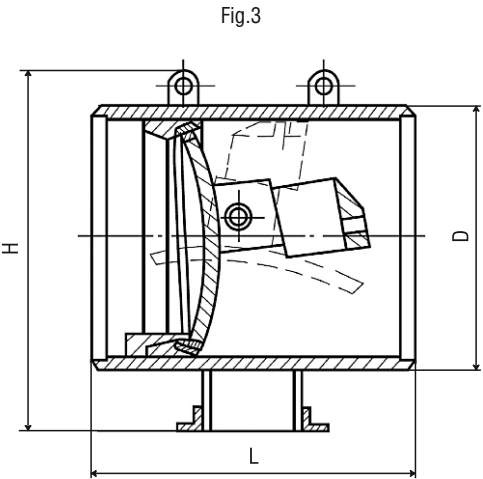
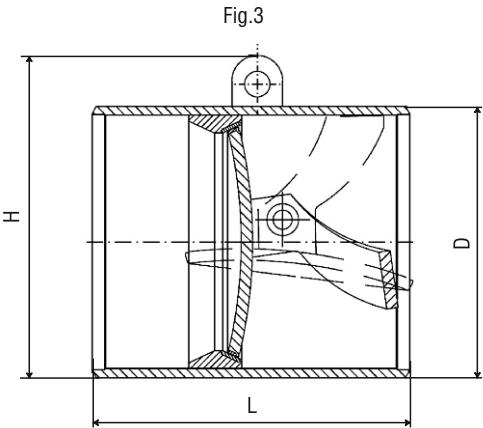
CHECK VALVE

CKV, DN 50-1200; PN 2,5 MPa

Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	D	D ₁	L	H	Weight*, max
100	CKV 100.25.3311	1	230	190	160	-	29
125	CKV 125.25.3311		270	220	160	-	30
150	CKV 150.25.3311		300	250	200	-	40
200	CKV 200.25.3311		360	310	225	-	65
250	CKV 250.25.3311		425	370	250	-	82
300	CKV 300.25.3311		485	430	300	-	123
350	CKV 350.25.3311		550	490	350	-	190
400	CKV 400.25.3311		610	550	400	-	239
500	CKV 500.25.3311		730	660	500	-	385
600	CKV 600.25.3311		840	770	600	-	547
700	CKV 700.25.3311	2	-	875	700	960	881
800	CKV 800.25.3311		-	990	750	1075	1123
1000	CKV 1000.25.3311		-	1170	850	1308	1333
1200	CKV 1200.25.3311		-	1420	1000	1535	2464

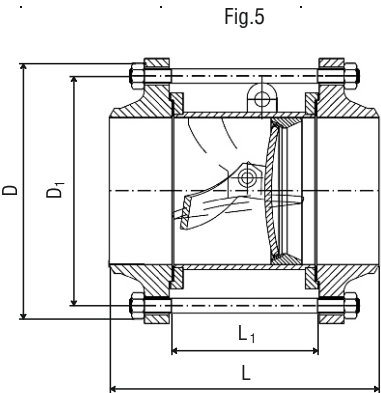
CHECK VALVE DN 50-1200; PN 2,5 MPa BUTT WELDED TYPE



Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	D	L	H	Weight*, max
50	CKV 50.25.4311	3	58	100	78	2
80	CKV 80.25.4311		89	150	109	6
100	CKV 100.25.4311		108	160	128	7
125	CKV 125.25.4311		132	170	185	11
150	CKV 150.25.4311		159	200	179	16
200	CKV 200.25.4311		219	225	305	30
250	CKV 250.25.4311		273	250	358	47
300	CKV 300.25.4311		325	250	400	83
350	CKV 350.25.4311		377	300	464	127
400	CKV 400.25.4311		426	350	515	179
500	CKV 500.25.4311		530	500	615	267
600	CKV 600.25.4311		630	600	740	247
700	CKV 700.25.4311	4	723	700	952	632
800	CKV 800.25.4311		820	750	968,5	891
1000	CKV 1000.25.4311		1222	850	1024	1333
1200	CKV 1200.25.4311		1270	1000	1450	2339

CHECK VALVE DN 100-600; PN 2,5 MPa WAFER TYPE WITH COUNTER FLANGES



**CKV, DN 50-1200; PN 2,5 MPa**

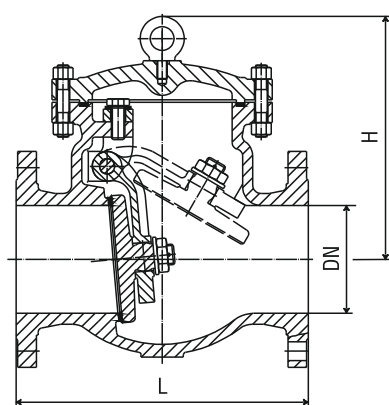
CHECK VALVE

Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	D	D ₁	L	L ₁	Weight*, max
100	CKV 100.25.0311	5	230	190	250	128	26
125	CKV 125.25.0311		270	220	290	160	38
150	CKV 150.25.0311		300	250	300	160	51
200	CKV 200.25.0311		360	310	354	200	80
250	CKV 250.25.0311		425	370	436	280	135
300	CKV 300.25.0311		485	430	449	300	170
350	CKV 350.25.0311		550	490	524	350	257
400	CKV 400.25.0311		610	550	554	350	321
500	CKV 500.25.0311		730	660	656	450	523
600	CKV 600.25.0311		840	770	716	480	730

CAST CHECK VALVE FLANGED TYPE DN 50-1200; PN 2,5 MPa

Fig. 6



Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	L	H	Weight*, max
50	CKV 50.25.3312	6	230	180	21
65	CKV 65.25.3312		290	185	32
80	CKV 80.25.3312		310	210	43
100	CKV 100.25.3312		350	270	61
125	CKV 125.25.3312		400	281	84
150	CKV 150.25.3312		480	360	131
200	CKV 200.25.3312		550	370	213
250	CKV 250.25.3312		650	410	384
300	CKV 300.25.3312		750	440	449
350	CKV 350.25.3312		980	520	680
400	CKV 400.25.3312		1100	554	840
450	CKV 450.25.3312		1200	590	1025
500	CKV 500.25.3312		1250	614	1320
600	CKV 600.25.3312		1450	614	1960
700	CKV 700.25.3312		1450	765	2883
800	CKV 800.25.3312		1594	868	3800
900	CKV 900.25.3312		2050	1035	4730
1000	CKV 1000.25.3312		2096	1180	6780
1200	CKV 1200.25.3312		2540	1540	13900

Check valves made of carbon steel are represented in the table

For more information, concerning materials used in check valves, please refer to Chapter "Valve structure" Page 18.

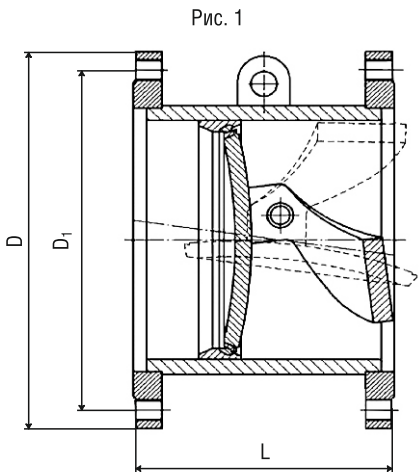
Medium temperature is represented in the table on page 2.



CHECK VALVE

CKV, DN 50-1200; PN 4,0 MPa

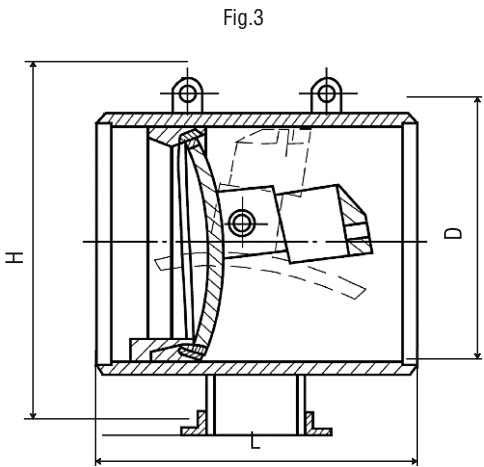
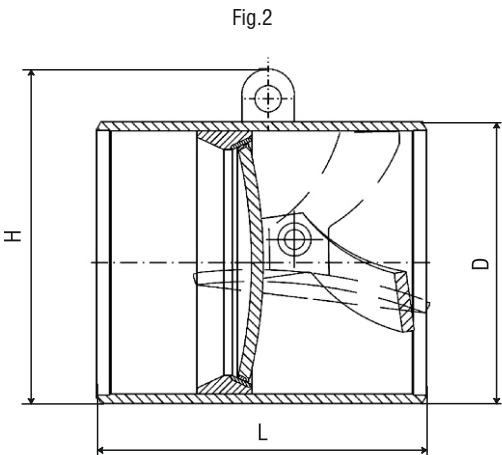
CHECK VALVE DN 50-250; PN 4,0 MPa FLANGED TYPE



Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	D	D ₁	L	Weight*, max
50	CKV 50.40.3311	1	160	125	100	19
80	CKV 80.40.3311		195	160	150	31
100	CKV 100.40.3311		230	190	160	46
150	CKV 150.40.3311		300	250	200	55
200	CKV 200.40.3311		375	320	225	96
250	CKV 250.40.3311		445	385	250	180

CHECK VALVE DN 50-1200; PN 4,0 MPa BUTT WELDED TYPE





CKV, DN 50-1200; PN 4,0 MPa

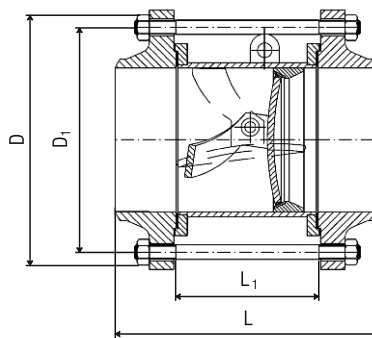
CHECK VALVE

Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	D	L	H	Weight*, max
50	CKV 50.40.4311	2	58	100	78	2
80	CKV 80.40.4311		89	150	109	6
100	CKV 100.40.4311		108	160	128	7
125	CKV 125.40.4311		132	170	185	16
150	CKV 150.40.4311		159	200	179	19
200	CKV 200.40.4311		219	225	305	26
250	CKV 250.40.4311		273	250	358	47
300	CKV 300.40.4311		325	250	387	83
350	CKV 350.40.4311		377	300	464	127
400	CKV 400.40.4311		424	350	515	179
500	CKV 500.40.4311		530	500	615	260
600	CKV 600.40.4311		630	600	740	457
700	CKV 700.40.4311	3	723	700	952	632
800	CKV 800.40.4311		820	750	968,5	953
1000	CKV 1000.40.4311		1056	850	1098	1344
1200	CKV 1200.40.4311		1220	1000	1450	2339

CHECK VALVE DN 100-600; PN 4,0 MPa WAFER TYPE WITH COUNTER FLANGES

Fig.4

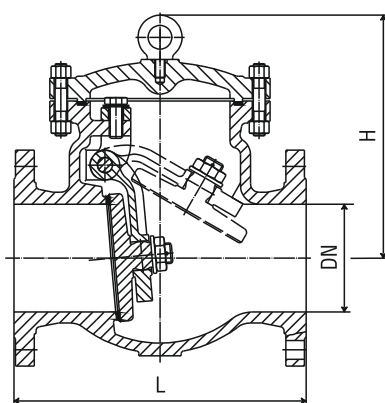


Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	D	D ₁	L	L ₁	Weight*, max
100	CKV 100.40.0311	4	230	190	264	130	28
125	CKV 125.40.0311		270	220	290	160	40
150	CKV 150.40.0311		300	250	300	160	53
200	CKV 200.40.0311		375	320	374	200	97
250	CKV 250.40.0311		445	385	482	280	165
300	CKV 300.40.0311		510	450	510	280	223
350	CKV 350.40.0311		570	510	588	350	307
400	CKV 400.40.0311		655	585	624	350	433
500	CKV 500.40.0311		765	690	736	450	660
600	CKV 600.40.0311		916	820	766	480	950

CAST CHECK VALVE FLANGED TYPE DN 50-1200; PN 4,0 MPa

Fig.5





CHECK VALVE

CKV, DN 50-1200; PN 4,0 MPa

Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	L	H	Weight*, max
50	CKV 50.40.3312	5	230	180	21
65	CKV 65.40.3312		290	185	32
80	CKV 80.40.3312		310	210	43
100	CKV 100.40.3312		350	270	61
125	CKV 125.40.3312		400	281	84
150	CKV 150.40.3312		480	360	131
200	CKV 200.40.3312		550	370	213
250	CKV 250.40.3312		650	410	384
300	CKV 300.40.3312		750	440	449
350	CKV 350.40.3312		980	520	680
400	CKV 400.40.3312		1100	554	840
450	CKV 450.40.3312		1200	590	1025
500	CKV 500.40.3312		1250	614	1320
600	CKV 600.40.3312		1450	614	1960
700	CKV 700.40.3312		1450	765	2883
800	CKV 800.40.3312		1594	868	3800
900	CKV 900.40.3312		2050	1035	4730
1000	CKV 1000.40.3312		2096	1180	6780
1200	CKV 1200.40.3312		2540	1540	13900

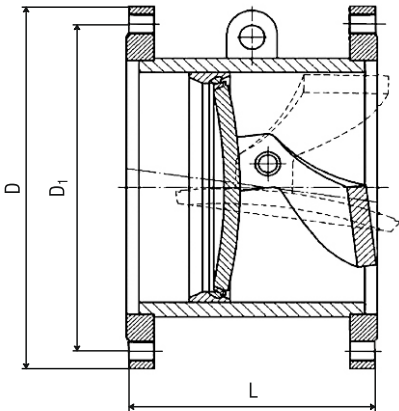
Check valves made of carbon steel are represented in the table
For more information, concerning materials used in check valves, please refer to Chapter "Valve structure" Page 18.
Medium temperature is represented in the table on page 2.

CHECK VALVE

CKV, DN 50-1200; PN 6,3 MPa

CHECK VALVE DN 50-250; PN 6,3 MPa FLANGED TYPE

Fig.1



Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	D	Ø	L	Weight*, max
50	CKV 50.63.3311	1	175	135	100	40
80	CKV 80.63.3311		210	170	150	56
100	CKV 100.63.3311		250	200	160	82
150	CKV 150.63.3311		340	280	200	83
200	CKV 200.63.3311		405	345	225	120
250	CKV 250.63.3311		470	400	250	180



CKV, DN 50-1200; PN 6,3 MPa

CHECK VALVE

CHECK VALVE DN 50-1200; PN 6,3 MPa BUTT WELDED TYPE

Fig.2

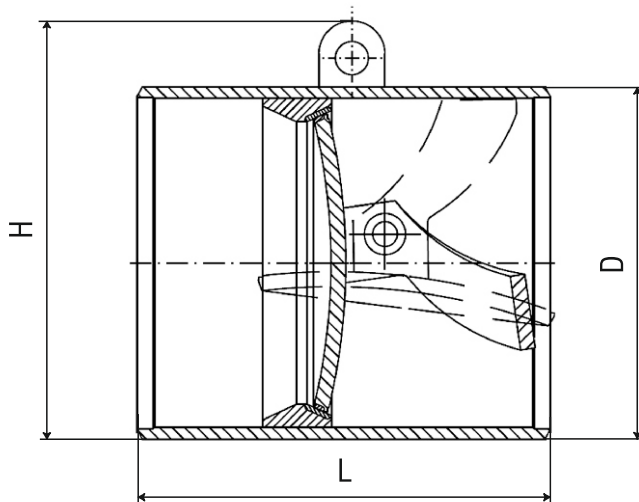
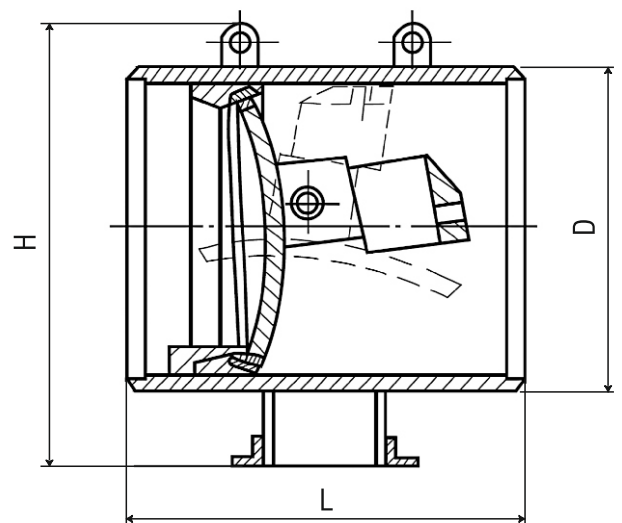


Fig.3

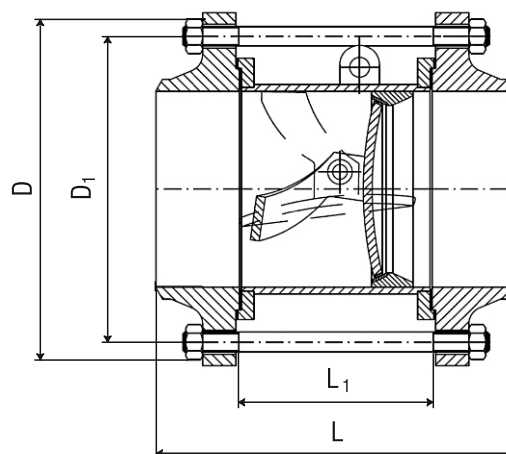


Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	D	L	H	Weight*, max
50	CKV 50.63.4311	2	58	100	85	5
80	CKV 80.63.4311		90	150	115	6
100	CKV 100.63.4311		108	160	128	7
125	CKV 125.63.4311		142	170	198	18
150	CKV 150.63.4311		159	200	179	23
200	CKV 200.63.4311		219	225	305	30
250	CKV 250.63.4311		273	250	358	47
300	CKV 300.63.4311		325	250	387	85
350	CKV 350.63.4311		388	300	470	97
400	CKV 400.63.4311		426	350	515	207
500	CKV 500.63.4311		530	500	615	317
600	CKV 600.63.4311		630	600	740	284
700	CKV 700.63.4311	3	723	700	952	493
800	CKV 800.63.4311		820	750	968	927
1000	CKV 1000.63.4311		1056	850	1198	1344
1200	CKV 1200.63.4311		1270	1000	1450	2339

CHECK VALVE DN 100-600; PN 6,3 MPa WAFER TYPE WITH COUNTER FLANGES

Fig.4





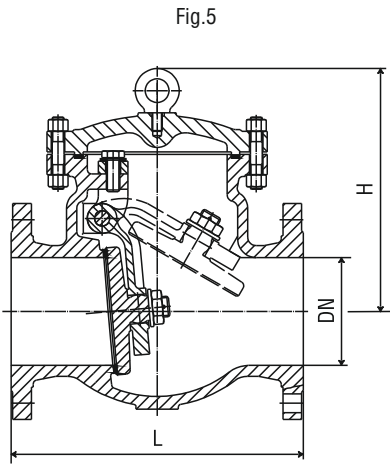
CHECK VALVE

CKV, DN 50-1200; PN 6,3 MPa

Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	D	D ₁	L	L ₁	Weight*, max
100	CKV 50.16.3312	4	250	200	288	130	38
125	CKV 65.16.3312		295	240	350	160	56
150	CKV 80.16.3312		340	280	370	160	83
200	CKV 100.16.3312		405	345	424	200	128
250	CKV 125.16.3312		470	400	516	280	212
300	CKV 150.16.3312		530	460	526	280	266
350	CKV 200.16.3312		595	525	636	350	388
400	CKV 250.16.3312		670	585	664	350	536
500	CKV 300.16.3312		810	715	776	450	880
600	CKV 350.16.3312		970	865	846	480	1270

CAST CHECK VALVE FLANGED TYPE DN 50-1000; PN 6,3 MPa



Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	L	H	Weight*, max
50	CKV 50.63.3312	5	292	197	36
65	CKV 65.63.3312		330	207	49
80	CKV 80.63.3312		356	231	68
100	CKV 100.63.3312		432	281	111
125	CKV 125.63.3312		508	319	164
150	CKV 150.63.3312		559	362	230
200	CKV 200.63.3312		660	437	416
250	CKV 250.63.3312		787	490	673
300	CKV 300.63.3312		838	528	875
350	CKV 350.63.3312		889	572	944
400	CKV 400.63.3312		991	660	1220
450	CKV 450.63.3312		1092	668	1620
500	CKV 500.63.3312		1194	721	2120
600	CKV 600.63.3312		1397	803	3100
700	CKV 700.63.3312		1651	879	5880
900	CKV 900.63.3312		2083	957	10450
1000	CKV 1000.63.3312		2096	1112	15400

Check valves made of carbon steel are represented in the table
For more information, concerning materials used in check valves, please refer to Chapter "Valve structure" Page 18.
Medium temperature is represented in the table on page 2.

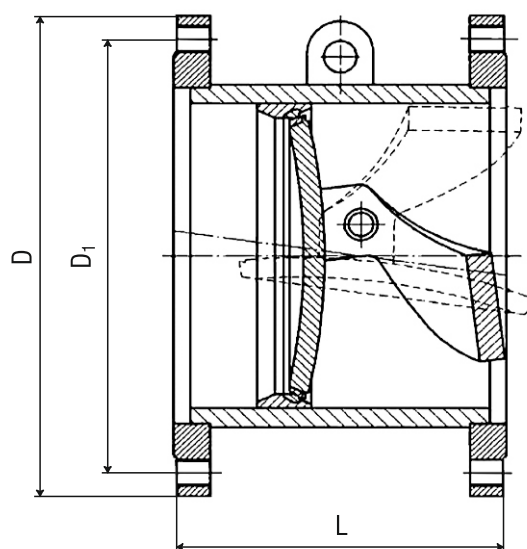


CKV, DN 50-1200; PN 8,0 MPa

CHECK VALVE

CHECK VALVE DN150; PN 8,0 MPa FLANGED TYPE

Fig.1



Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	D	D ₁	L	Weight*, max
150	CKV 150.80.3311	1	350	290	200	105

CHECK VALVE DN 50-1200; PN 8,0 MPa BUTT WELDED TYPE

Fig.2

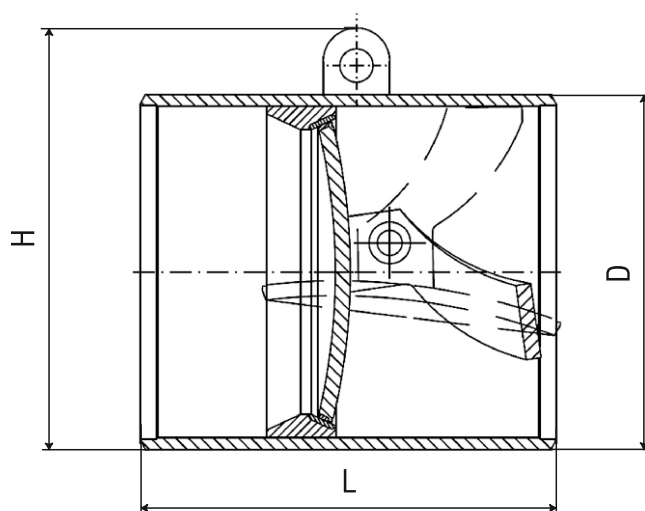
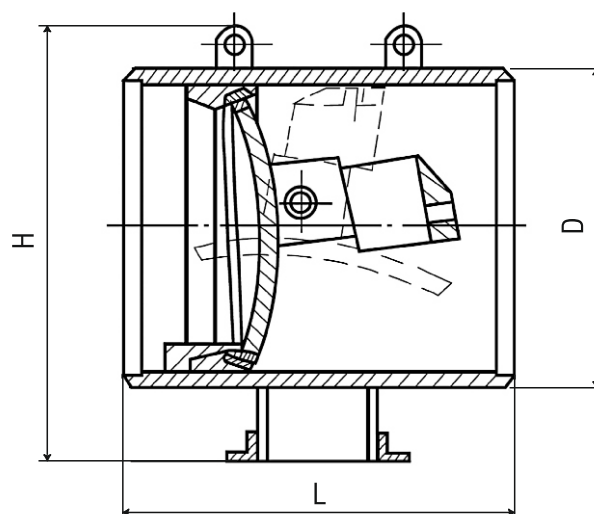


Fig.3





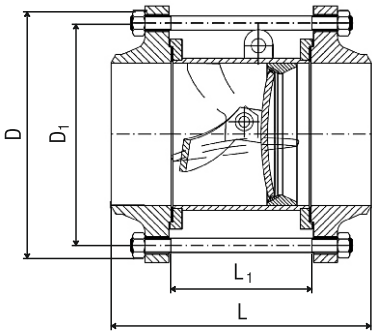
CHECK VALVE

CKV, DN 50-1200; PN 8,0 MPa

Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	D	L	H	Weight*, max
50	CKV 50.80.4311	2	58	100	85	5
80	CKV 80.80.4311		90	150	115	6
100	CKV 100.80.4311		168	160	128	7
125	CKV 125.80.4311		142	170	197	22
150	CKV 150.80.4311		159	200	179	28
200	CKV 200.80.4311		219	225	305	37
250	CKV 250.80.4311		278	250	337	60
300	CKV 300.80.4311		325	250	431	75
350	CKV 350.80.4311		377	300	483	140
400	CKV 400.80.4311		426	350	520	204
500	CKV 500.80.4311		530	500	615	350
600	CKV 600.80.4311		638	600	718	450
700	CKV 700.80.4311	3	723	700	952	718
800	CKV 800.80.4311		824	750	1005	1010
1000	CKV 1000.80.4311		1036	850	1236	1670
1200	CKV 1200.80.4311		1270	1000	1450	2339

CHECK VALVE DN 100-400; PN 8,0 Mpa WAFER TYPE WITH COUNTER FLANGES

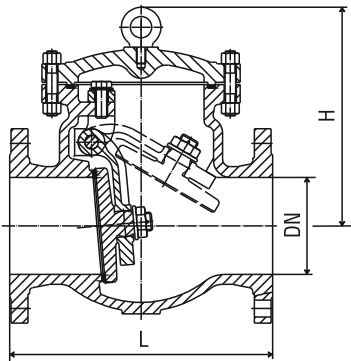


Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	D	D ₁	L	L ₁	Weight*, max
100	CKV 100.80.0311	4	265	210	324	130	43
125	CKV 125.80.0311		310	250	384	160	68
150	CKV 150.80.0311		350	290	410	160	92
200	CKV 200.80.0311		430	360	480	200	161
250	CKV 250.80.0311		500	430	630	350	321
300	CKV 300.80.0311		585	500	712	350	480
350	CKV 350.80.0311		655	560	790	400	645
400	CKV 400.80.0311		715	620	802	400	810

CAST CHECK VALVE FLANGED TYPE DN 50-400; PN 8,0 MPa

Fig.5





CKV, DN 50-1200; PN 8,0 MPa

CHECK VALVE

Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	L	H	Weight*, max
50	CKV 50.80.3312	5	368	240	69
65	CKV 65.80.3312		381	260	91
80	CKV 80.80.3312		419	260	93
100	CKV 100.80.3312		457	320	145
150	CKV 150.80.3312		610	382	259
200	CKV 200.80.3312		737	500	565
250	CKV 250.80.3312		838	530	900
300	CKV 300.80.3312		965	590	1200
350	CKV 350.80.3312		1029	630	1500
400	CKV 400.80.3312		1130	700	2130

Check valves made of carbon steel are represented in the table

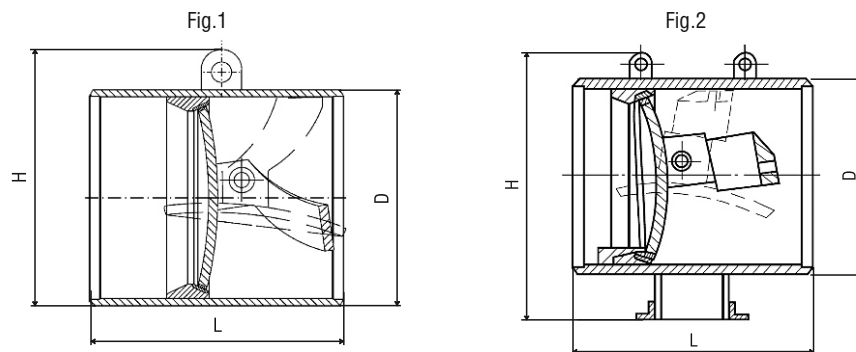
For more information, concerning materials used in check valves, please refer to Chapter "Valve structure" Page 18.

Medium temperature is represented in the table on page 2.

CKV, DN 50-1200; PN 10,0 MPa

CHECK VALVE

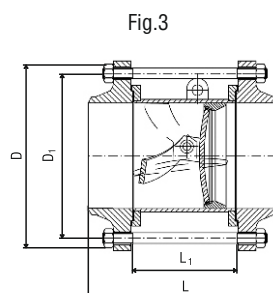
CHECK VALVE DN 50-1200; PN 10,0 MPa BUTT WELDED TYPE



Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	D	L	H	Weight*, max
50	CKV 50.100.4311	1	68	100	98	5
80	CKV 80.100.4311		98	150	128	6
100	CKV 100.100.4311		117	160	170	7
125	CKV 125.100.4311		145	170	197	22
150	CKV 150.100.4311		170	200	225	28
200	CKV 200.100.4311		219	225	305	37
250	CKV 250.100.4311		285	250	337	60
300	CKV 300.100.4311		335	250	417	90
350	CKV 350.100.4311		388	300	597	140
400	CKV 400.100.4311		438	350	634	204
800	CKV 800.100.4311	2	864	750	1127	956
1000	CKV 1000.100.4311		1076	850	1236	1642
1200	CKV 1200.100.4311		1275	1000	1496	2874

CHECK VALVE DN 100-400; PN 10,0 MPa WAFER TYPE WITH COUNTER FLANGES





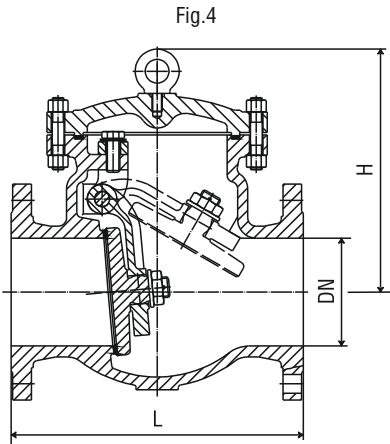
CHECK VALVE

CKV, DN 50-1200; PN 10,0 MPa

Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	D	D ₁	L	L ₁	Weight*, max
100	CKV 100.100.0311	3	265	210	324	130	43
125	CKV 125.100.0311		310	250	384	160	68
150	CKV 150.100.0311		350	290	410	160	92
200	CKV 200.100.0311		430	360	480	200	161
250	CKV 250.100.0311		500	430	630	350	321
300	CKV 300.100.0311		585	500	712	350	480
350	CKV 350.100.0311		655	560	790	400	645
400	CKV 400.100.0311		715	620	802	400	810

CAST CHECK VALVE FLANGED TYPE DN 50-400; PN 10,0 MPa



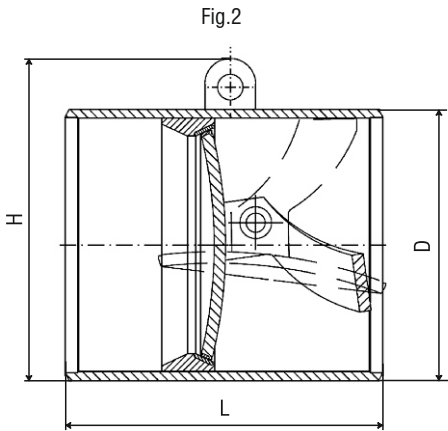
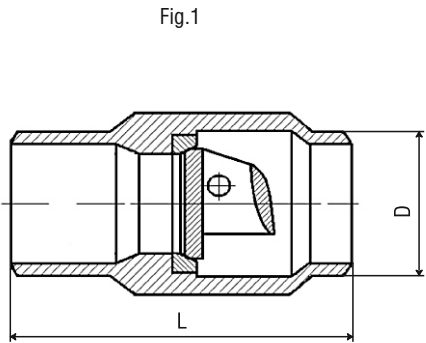
Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	L	H	Weight*, max
50	CKV 50.100.3312	4	368	240	69
65	CKV 65.100.3312		381	260	91
80	CKV 80.100.3312		419	260	93
100	CKV 100.100.3312		457	320	145
150	CKV 125.100.3312		610	382	259
200	CKV 150.100.3312		737	500	565
250	CKV 200.100.3312		838	530	900
300	CKV 250.100.3312		965	590	1200
350	CKV 300.100.3312		1029	630	1500
400	CKV 350.100.3312		1130	700	2130

CHECK VALVE

CKV, DN 50-400; PN 16,0 MPa

CHECK VALVE DN 50-400; PN 16,0 MPa BUTT WELDED TYPE





CKV, DN 50-1200; PN 16,0 MPa

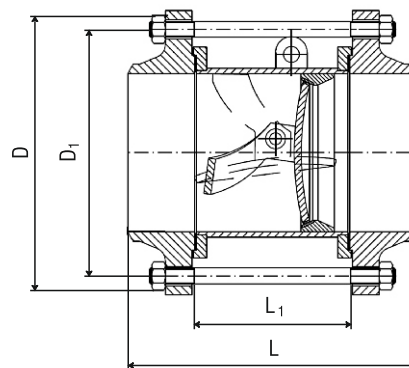
CHECK VALVE

Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	D	L	H	Weight*, max
50	CKV 50.160.4311	2	68	100	98	5
65	CKV 65.160.4311	1	77	150	-	6
80	CKV 80.160.4311		89	200	-	12
100	CKV 100.160.4311	2	117	160	170	20
125	CKV 125.160.4311		145	170	197	28
150	CKV 150.160.4311		170	200	225	32
200	CKV 200.160.4311		245	225	321	50
250	CKV 250.160.4311		285	250	337	68
300	CKV 300.160.4311		335	250	417	90
350	CKV 350.160.4311		388	300	597	140
400	CKV 400.160.4311		438	350	634	204

CHECK VALVE DN 100-400; PN 16,0 MPa WAFER TYPE WITH COUNTER FLANGES

Fig.3

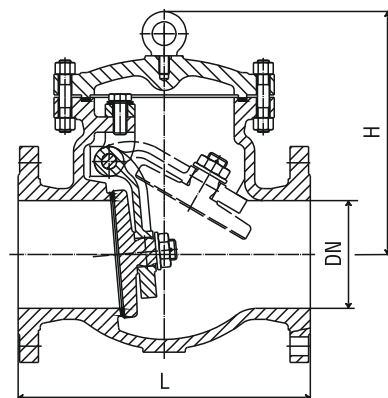


Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	D	D ₁	L	L ₁	Weight*, max
100	CKV 100.160.0311	3	265	210	324	130	43
125	CKV 125.160.0311		310	250	384	160	68
150	CKV 150.160.0311		350	290	410	160	92
200	CKV 200.160.0311		430	360	480	200	161
250	CKV 250.160.0311		500	430	630	350	321
300	CKV 300.160.0311		585	500	712	350	480
350	CKV 350.160.0311		655	560	790	400	645
400	CKV 400.160.0311		715	620	802	400	810

CAST CHECK VALVE FLANGED TYPE DN 50-300; PN 16,0 MPa

Fig.4





CHECK VALVE

KCV, DN 50-1200; PN 16,0 MPa

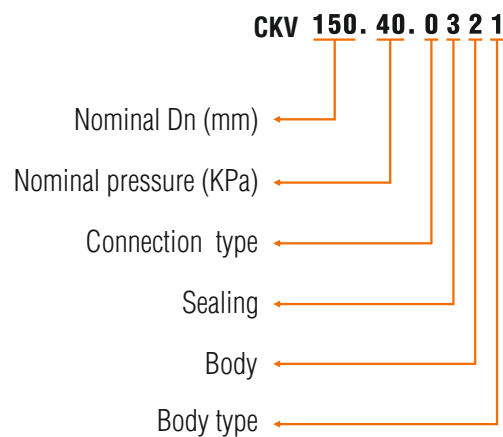
Main overall and connecting dimensions (mm), weight (kg)

DN	Model	Pic.	L	H	Weight*, max
50	CKV 50.160.3312	4	368	310	69
65	CKV 65.160.3312		419	310	93
80	CKV 80.160.3312		470	330	140
100	CKV 100.160.3312		546	355	232
150	CKV 150.160.3312		705	400	490
200	CKV 200.160.3312		832	530	990
250	CKV 250.160.3312		991	560	1490
300	CKV 300.160.3312		1130	650	1970

Check valves made of carbon steel are represented in the table
For more information, concerning materials used in check valves, please refer to Chapter "Valve structure" Page 18.
Medium temperature is represented in the table on page 2.



VALVE STRUCTURE



CONNECTION TYPE:

- 0 - wafer
- 3 - flanged
- 4 - butt welded

SEALING:

- 3 - stainless steel

BODY:

- 1 - carbon steel
- 2 - stainless steel
- 3 - low temperature steel
- 4 - stainless steel with Mo content

BODY TYPE:

- 1 - forged
- 2 - cast



QUESTIONNAIRE (DATA SHEET)

Nº _____

Customer: _____

Contact person _____

Unit _____

Table figure _____ designation _____

Valve types ball valve ☐ stop valve ☐ wedge gate valve ☐
check valve ☐ knife gate valve ☐
butterfly valve with symmetrical disk ☐
double offset butterfly valve ☐
triple offset butterfly valve ☐

Body _____

Nominal diameter DN (mm) _____ Nominal pressure PN (MPa) _____

Medium chemical composition _____
aggregate state liquid ☐ gas ☐ vapour ☐
density, kg/m³ _____ temperature, °C from _____ up to _____
additional information: _____

Environment environment temperature, °C from _____ up to _____ additional information: _____

Operational parameters flow rate: min / norm. / max, m³/hr _____ / _____ / _____
rated capacity Cv , m³/hr _____
flow characteristic: linear ☐ equal percentage ☐
min differential pressure, MPa _____
leakage class standard GOST _____ other _____

Connection wafer ☐ coupling ☐ choke-nipple ☐
flanged ☐ welded ☐ choke ☐

Accessory counter flanges, gaskets, fasteners ☐

Installation (placement) indoor ☐ outdoor ☐
additional information: _____
pipe size, DN * S, mm _____

Actuator manual (hand wheel ☐ , handle ☐ , gearbox ☐) pneumatic actuator ☐ hydraulic actuator ☐
electric actuator (general purpose industrial ☐ , explosion-proof ☐)

The number (pcs) _____

Additional requirements: _____

