

CHECK VALVE

Cast Steel Swing Check Valve
 PN16-F6, DN50~DN600

MODEL: KRD-SCF

» Features

- Suitable for a wide range of industry and media
- Precision, high quality castings
- Suitable for both horizontal and vertical installation
- Bolted cover; robust construction
- EN10204-3.1 Material certificate available

» Standards

- Basic design to DIN 3840
- Face-to-face acc. to DIN 3202-F6
- End flange dimension acc. to EN 1092-1
- Inspection & test acc. to API 598 or EN 12266-1

» Temperature Range

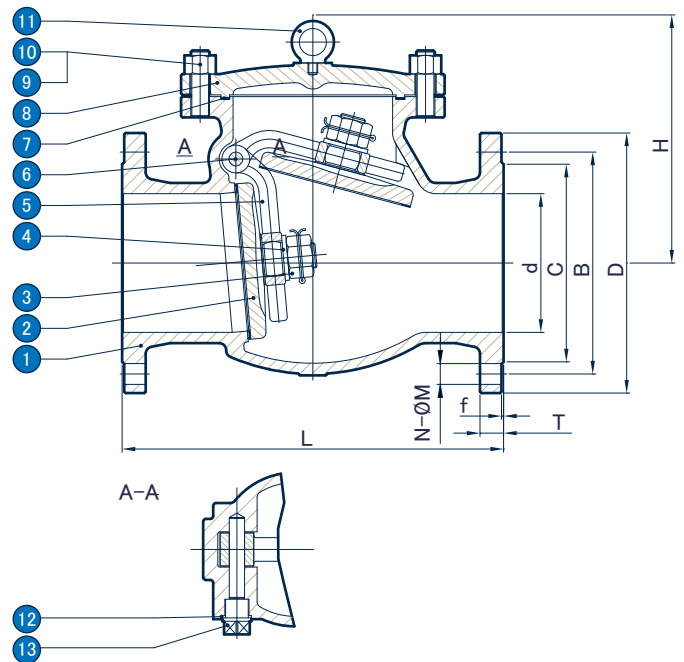
Metal seat : -10°C to 450°C

» Limitation

- If installed in a vertical position, the direction of flow must be in an up-flow direction
- If installed in a horizontal position, the valve must be installed with the cover oriented to the top

Materials List:

NO	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 13Cr
2	DISC	DIN 17245 GS-C25 + 13Cr
3	DISC NUT	ASTM A194 2H
4	DISC WASHER	AISI 1025
5	HINGE	DIN 17245 GS-C25
6	HINGE PIN	ASTM A276 410
7	BONNET GASKET	SS304+FLEXIBLE GRAPHITE
8	BONNET	DIN 17245 GS-C25
9	BONNET NUT	ASTM A194 2H
10	BONNET BOLT	ASTM A193 B7
11	HOOB SCREW	CARBON STEEL
12	GASKET	COOPER ALLOY
13	DRAIN PLUG	CARBON STEEL



Dimensions (mm):

SIZE		d	D	B	C	L	H	T	f	N	M	Weight kg
IN	DN											
2"	50	50	165	125	102	200	150	18	3	4	18	17
2½"	65	65	185	145	122	240	168	18	3	4	18	22
3"	80	80	200	160	138	260	180	20	3	8	18	30.5
4"	100	100	220	180	158	300	210	20	3	8	18	38
5"	125	125	250	210	188	350	230	22	3	8	18	53
6"	150	150	285	240	212	400	275	22	3	8	22	75.5
8"	200	200	340	295	268	500	340	24	3	12	22	119
10"	250	250	405	355	320	600	355	26	3	12	26	205
12"	300	300	460	410	378	700	410	28	4	12	26	262
14"	350	350	520	470	438	800	475	30	4	16	26	440
16"	400	400	580	525	490	900	552	32	4	16	30	550
20"	500	500	715	650	610	1100	660	36	4	20	33	-
24"	600	600	840	770	725	1300	740	40	5	20	36	-

Note: Torque measured at ambient temperature with no loading ; safety factor is not included.

CHECK VALVE

Cast Steel Swing Check Valve
 PN25-F6, DN50~DN600

MODEL: KRD-SCF

» Features

- Suitable for a wide range of industry and media
- Precision, high quality castings
- Suitable for both horizontal and vertical installation
- Bolted cover; robust construction
- EN10204-3.1 Material certificate available

» Standards

- Basic design to DIN 3840
- Face-to-face acc. to DIN 3202-F6
- End flange dimension acc. to EN 1092-1
- Inspection & test acc. to API 598 or EN 12266-1

» Temperature Range

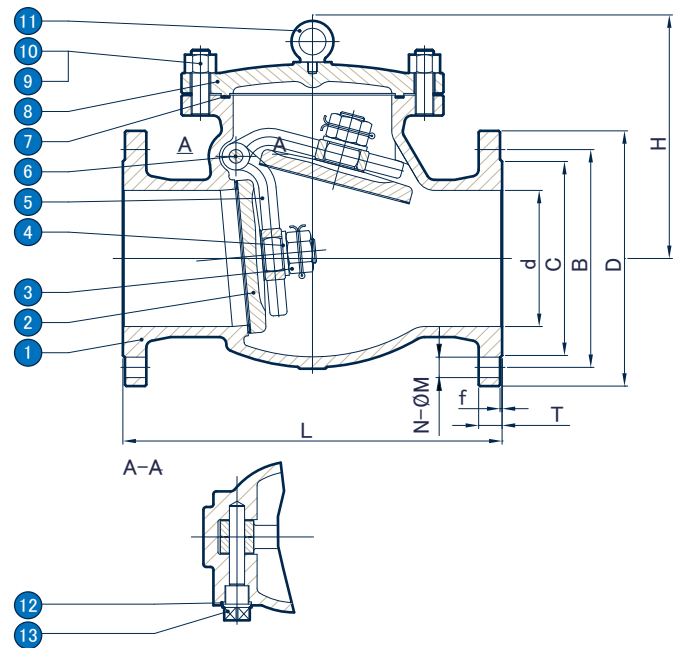
Metal seat : -10°C to 450°C

» Limitation

- If installed in a vertical position, the direction of flow must be in an up-flow direction
- If installed in a horizontal position, the valve must be installed with the cover oriented to the top

Materials List:

NO	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 13Cr
2	DISC	DIN 17245 GS-C25 + 13Cr
3	DISC NUT	ASTM A194 2H
4	DISC WASHER	AISI 1025
5	HINGE	DIN 17245 GS-C25
6	HINGE PIN	ASTM A276 410
7	BONNET GASKET	SS304+FLEXIBLE GRAPHITE
8	BONNET	DIN 17245 GS-C25
9	BONNET NUT	ASTM A194 2H
10	BONNET BOLT	ASTM A193 B7
11	HOOK SCREW	CARBON STEEL
12	GASKET	COOPER ALLOY
13	DRAIN PLUG	CARBON STEEL



Dimensions (mm):

SIZE		d	D	B	C	L	H	T	f	N	M
IN	DN										
2"	50	50	165	125	102	200	150	20	3	4	18
2½"	65	65	185	145	122	240	168	22	3	8	18
3"	80	80	200	160	138	260	180	24	3	8	18
4"	100	100	235	190	162	300	210	24	3	8	22
5"	125	125	270	220	188	350	230	26	3	8	26
6"	150	150	300	250	218	400	275	28	3	8	26
8"	200	200	360	310	278	500	340	30	3	12	26
10"	250	250	425	370	335	600	355	32	3	12	30
12"	300	300	485	430	395	700	410	34	4	16	30
14"	350	350	555	490	450	800	475	38	4	16	33
16"	400	400	620	550	505	900	552	40	4	16	36
20"	500	500	730	660	615	1100	660	44	4	20	36
24"	600	600	845	770	720	1300	740	46	5	20	39

CHECK VALVE

Cast Steel Swing Check Valve
 PN40-F1, DN50~DN600

MODEL: KRD-SCF

» Features

- Suitable for a wide range of industry and media
- Precision, high quality castings
- Suitable for both horizontal and vertical installation
- Bolted cover; robust construction
- EN10204-3.1 Material certificate available

» Standards

- Basic design to DIN 3840
- Face-to-face acc. to DIN 3202-F6
- End flange dimension acc. to EN 1092-1
- Inspection & test acc. to API 598 or EN 12266-1

» Temperature Range

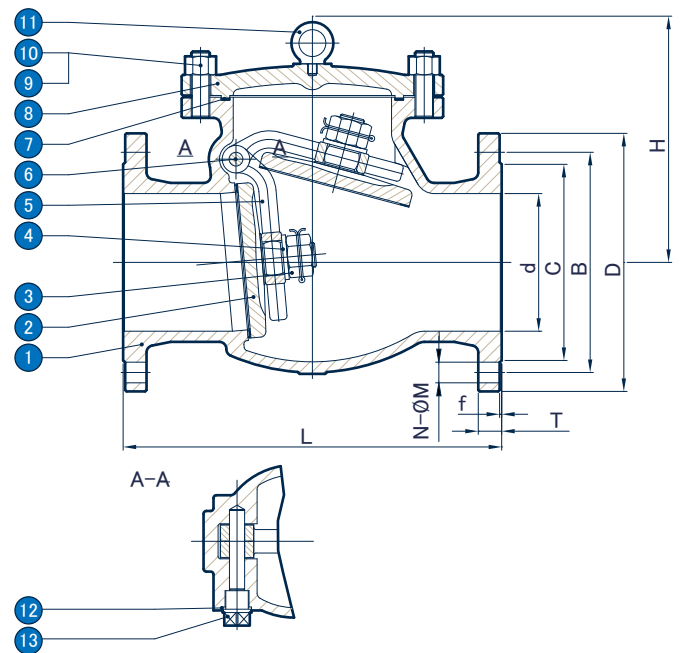
Metal seat : -10°C to 450°C

» Limitation

- If installed in a vertical position, the direction of flow must be in an up-flow direction
- If installed in a horizontal position, the valve must be installed with the cover oriented to the top

Materials List:

NO	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 13Cr
2	DISC	DIN 17245 GS-C25 + 13Cr
3	DISC NUT	ASTM A194 2H
4	DISC WASHER	AISI 1025
5	HINGE	DIN 17245 GS-C25
6	HINGE PIN	ASTM A276 410
7	BONNET GASKET	SS304+FLEXIBLE GRAPHITE
8	BONNET	DIN 17245 GS-C25
9	BONNET NUT	ASTM A194 2H
10	BONNET BOLT	ASTM A193 B7
11	HOOK SCREW	CARBON STEEL
12	GASKET	COOPER ALLOY
13	DRAIN PLUG	CARBON STEEL



Dimensions (mm):

SIZE		d	D	B	C	L	H	T	f	N	M
IN	DN										
2"	50	50	165	125	102	230	155	20	3	4	18
2½"	65	65	185	145	122	290	172	22	3	8	18
3"	80	80	200	160	138	310	185	24	3	8	18
4"	100	100	235	190	162	350	215	24	3	8	22
5"	125	125	270	220	188	400	235	26	3	8	26
6"	150	150	300	250	218	480	285	28	3	8	26
8"	200	200	375	320	285	600	350	34	3	12	30
10"	250	250	450	385	345	730	360	38	3	12	33
12"	300	300	515	450	410	850	425	42	4	16	33
14"	350	350	580	510	465	980	490	46	4	16	36
16"	400	400	660	585	535	1100	565	50	4	16	39
20"	500	500	755	670	615	1250	680	52	4	20	42
24"	600	600	890	795	735	1450	760	60	5	20	48

CHECK VALVE

Cast Steel Swing Check Valve
 PN63-F2, DN50~DN500

MODEL: KRD-SCF

» Features

- Suitable for a wide range of industry and media
- Precision, high quality castings
- Suitable for both horizontal and vertical installation
- Bolted cover; robust construction
- EN10204-3.1 Material certificate available

» Standards

- Basic design to DIN 3840
- Face-to-face acc. to DIN 3202-F6
- End flange dimension acc. to EN 1092-1
- Inspection & test acc. to API 598 or EN 12266-1

» Temperature Range

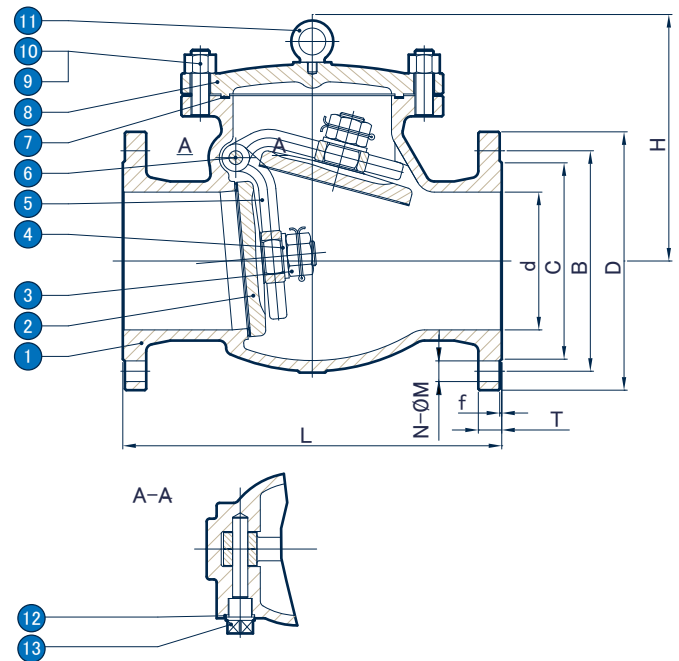
Metal seat : -10°C to 450°C

» Limitation

- If installed in a vertical position, the direction of flow must be in an up-flow direction
- If installed in a horizontal position, the valve must be installed with the cover oriented to the top

Materials List:

NO	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 13Cr
2	DISC	DIN 17245 GS-C25 + 13Cr
3	DISC NUT	ASTM A194 2H
4	DISC WASHER	AISI 1025
5	HINGE	DIN 17245 GS-C25
6	HINGE PIN	ASTM A276 410
7	BONNET GASKET	SS304+FLEXIBLE GRAPHITE
8	BONNET	DIN 17245 GS-C25
9	BONNET NUT	ASTM A194 2H
10	BONNET BOLT	ASTM A193 B7
11	HOOK SCREW	CARBON STEEL
12	GASKET	COOPER ALLOY
13	DRAIN PLUG	CARBON STEEL



Dimensions (mm):

SIZE		d	D	B	C	L	H	T	f	N	M
IN	DN										
2"	50	50	180	135	102	300	155	26	3	4	22
2½"	65	65	205	160	122	340	172	26	3	8	22
3"	80	80	215	170	138	380	185	28	3	8	22
4"	100	100	250	200	162	430	215	30	3	8	28
5"	125	125	295	240	188	500	235	34	3	8	30
6"	150	150	345	280	218	550	285	36	3	8	33
8"	200	200	415	345	285	650	350	42	3	12	36
10"	250	250	470	400	345	775	360	48	3	12	36
12"	300	300	530	460	410	900	425	52	4	16	36
14"	350	350	600	525	465	1025	490	56	4	16	39
16"	400	400	670	585	535	1150	565	60	4	16	42
20"	500	500	800	705	615	1400	680	68	4	20	48

CHECK VALVE

Cast Steel Swing Check Valve
 CLASS 150, 2"~4"

MODEL: KRD-SCF

» Features

- Suitable for a wide range of industry and media
- Precision, high quality castings
- Suitable for both horizontal and vertical installation
- Bolted cover; robust construction
- EN10204-3.1 Material certificate available

» Standards

- Basic design to API6D
- Face-to-face acc. to B16.10
- End flange dimension acc. to B16.5
- Inspection & test acc. to API 598

» Temperature Range

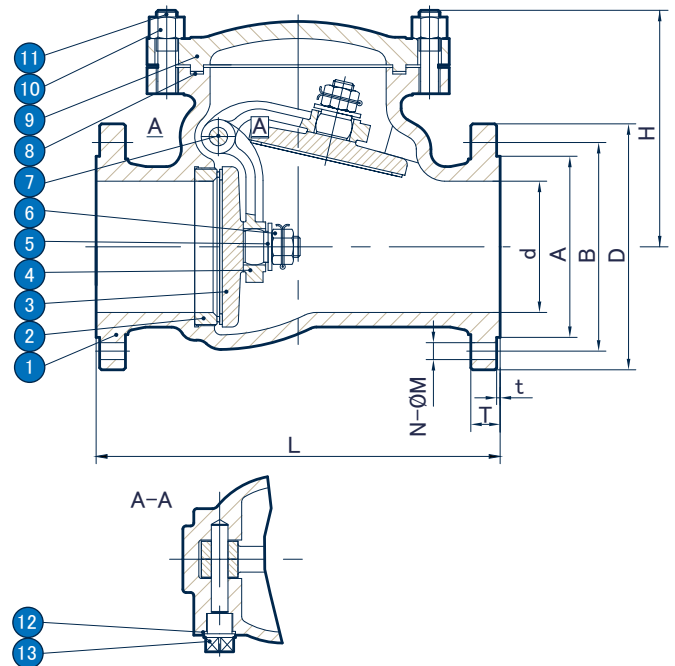
Metal seat : -29°C to 450°C

» Limitation

- If installed in a vertical position, the direction of flow must be in an up-flow direction
- If installed in a horizontal position, the valve must be installed with the cover oriented to the top

Materials List:

NO	PART NAME	MATERIAL
1	BODY	ASTM A216 WCB
2	SEAT RING	ASTM A105+13Cr
3	DISC	ASTM A216 WCB+13Cr
4	HINGE	ASTM A216 WCB
5	DISC WASHER	AISI 1025
6	DISC NUT	ASTM A194 2H
7	HINGE PIN	ASTM A276 410
8	GASKET	SS304+Flexible Graphite
9	COVER	ASTM A216 WCB
10	NUT	ASTM A194 2H
11	BOLT	ASTM A193 B7
12	GASKET	COPPER ALLOYS
13	DRAIN PLUG	CARBON STEEL



Dimensions (mm):

SIZE		d	L	H	T	t	A	B	D	N-ØM	Weight kg
IN	DN										
2"	50	49	203	133	16	1.6	92	120.5	152	4-Ø19	14
2½"	65	62	216	148	18	1.6	105	139.5	178	4-Ø19	20
3"	80	74	241	160	19	1.6	127	152.5	190	4-Ø19	25
4"	100	100	295	187	24	1.6	157	190.5	229	8-Ø19	42

Note: Torque measured at ambient temperature with no loading ; safety factor is not included.

CHECK VALVE

Cast Steel Swing Check Valve
 CLASS 150, 6"~24"

MODEL: KRD-SCF

» Features

- Suitable for a wide range of industry and media
- Precision, high quality castings
- Suitable for both horizontal and vertical installation
- Bolted cover; robust construction
- EN10204-3.1 Material certificate available

» Standards

- Basic design to API6D
- Face-to-face acc. to B16.10
- End flange dimension acc. to B16.5
- Inspection & test acc. to API 598

» Temperature Range

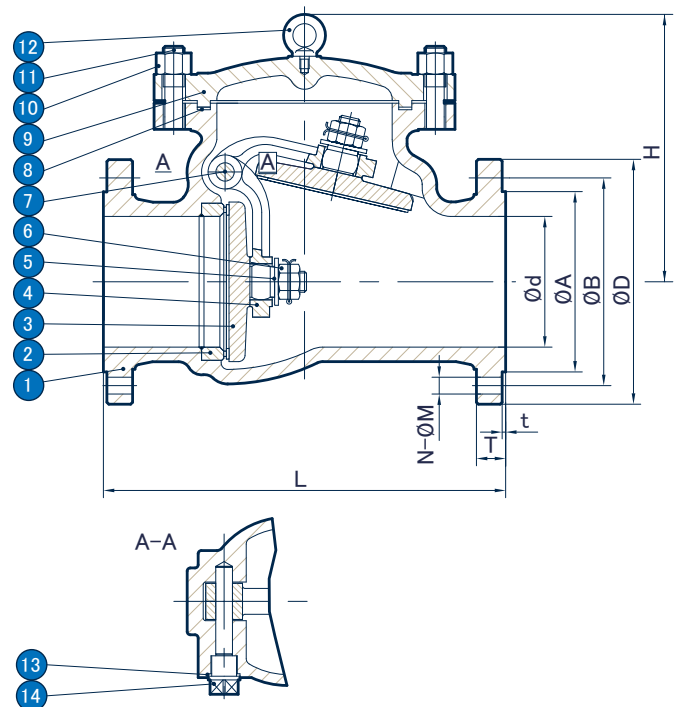
Metal seat : -29°C to 450°C

» Limitation

- If installed in a vertical position, the direction of flow must be in an up-flow direction
- If installed in a horizontal position, the valve must be installed with the cover oriented to the top

Materials List:

NO	PART NAME	MATERIAL
1	BODY	ASTM A216 WCB
2	SEAT RING	ASTM A105+13Cr
3	DISC	ASTM A216 WCB+13Cr
4	HINGE	ASTM A216 WCB
5	DISC WASHER	AISI 1025
6	DISC NUT	ASTM A194 2H
7	HINGE PIN	ASTM A276 410
8	GASKET	SS304+Flexible Graphite
9	COVER	ASTM A216 WCB
10	NUT	ASTM A194 2H
11	BOLT	ASTM A193 B7
12	HOOK SCREW	CARBON STEEL
11	GASKET	COPPER ALLOYS
12	DRAIN PLUG	CARBON STEEL



Dimensions (mm):

SIZE		d	L	H	T	t	A	B	D	N-ØM	Weight kg
IN	DN										
6"	150	150	356	275	26	1.6	216	241.5	279	8-Ø22	66
8"	200	201	495	340	29	1.6	270	298.5	343	8-Ø22	126
10"	250	252	622	355	31	1.6	324	362	406	12-Ø25	195
12"	300	303	698	410	32	1.6	381	432	483	12-Ø25	300
14"	350	334	787	475	35	1.6	413	476	533	12-Ø29	440
16"	400	385	864	552	37	1.6	470	540	597	16-Ø29	550
18"	450	436	978	600	40	1.6	533	578	635	16-Ø32	720
20"	500	487	978	660	43	1.6	584	635	699	20-Ø32	-
24"	600	589	1295	740	48	1.6	692	749.5	813	20-Ø35	-

Note: Torque measured at ambient temperature with no loading ; safety factor is not included.

CHECK VALVE

Cast Steel Swing Check Valve
 CLASS 300, 2"~4"

MODEL: KRD-SCF

» Features

- Suitable for a wide range of industry and media
- Precision, high quality castings
- Suitable for both horizontal and vertical installation
- Bolted cover; robust construction
- EN10204-3.1 Material certificate available

» Standards

- Basic design to API6D
- Face-to-face acc. to B16.10
- End flange dimension acc. to B16.5
- Inspection & test acc. to API 598

» Temperature Range

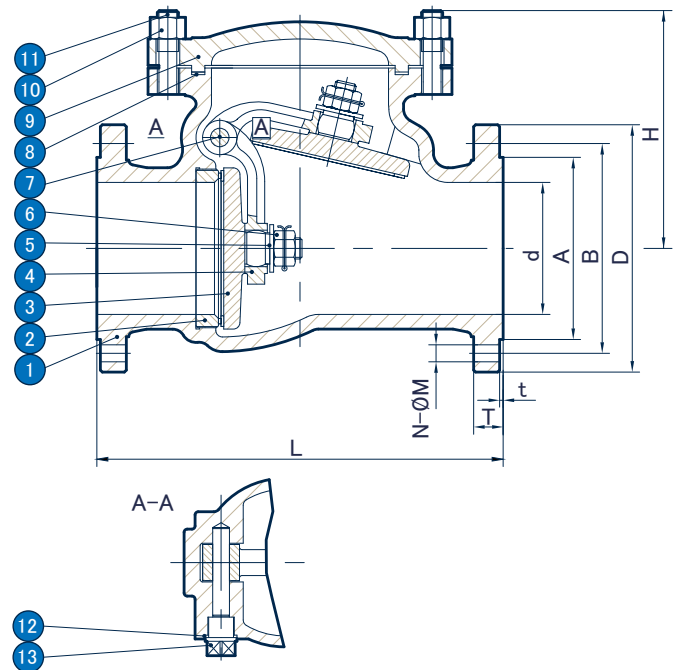
Metal seat : -29°C to 450°C

» Limitation

- If installed in a vertical position, the direction of flow must be in an up-flow direction
- If installed in a horizontal position, the valve must be installed with the cover oriented to the top

Materials List:

NO	PART NAME	MATERIAL
1	BODY	ASTM A216 WCB
2	SEAT RING	ASTM A105+13Cr
3	DISC	ASTM A216 WCB+13Cr
4	HINGE	ASTM A216 WCB
5	DISC WASHER	AISI 1025
6	DISC NUT	ASTM A194 2H
7	HINGE PIN	ASTM A276 410
8	GASKET	SS304+Flexible Graphite
9	COVER	ASTM A216 WCB
10	NUT	ASTM A194 2H
11	BOLT	ASTM A193 B7
12	GASKET	COPPER ALLOYS
13	DRAIN PLUG	CARBON STEEL



Dimensions (mm):

SIZE		d	L	H	T	t	A	B	D	N-ØM	Weight kg
IN	DN										
2"	50	49	267	150	23	1.6	92	127	165	8-Ø19	20
2½"	65	62	292	170	26	1.6	105	149	190	8-Ø22	28.2
3"	80	74	318	190	29	1.6	127	168.5	210	8-Ø22	39
4"	100	100	356	210	32	1.6	157	200	254	8-Ø22	62

Note: Torque measured at ambient temperature with no loading ; safety factor is not included.

CHECK VALVE

Cast Steel Swing Check Valve
 CLASS 300, 6"~24"

MODEL: KRD-SCF

» Features

- Suitable for a wide range of industry and media
- Precision, high quality castings
- Suitable for both horizontal and vertical installation
- Bolted cover; robust construction
- EN10204-3.1 Material certificate available

» Standards

- Basic design to API6D
- Face-to-face acc. to B16.10
- End flange dimension acc. to B16.5
- Inspection & test acc. to API 598

» Temperature Range

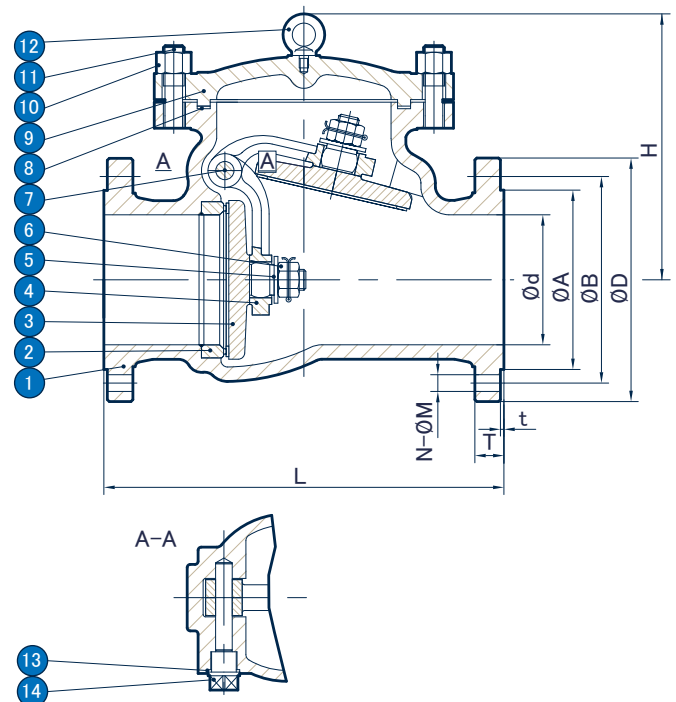
Metal seat : -29°C to 450°C

» Limitation

- If installed in a vertical position, the direction of flow must be in an up-flow direction
- If installed in a horizontal position, the valve must be installed with the cover oriented to the top

Materials List:

NO	PART NAME	MATERIAL
1	BODY	ASTM A216 WCB
2	SEAT RING	ASTM A105+13Cr
3	DISC	ASTM A216 WCB+13Cr
4	HINGE	ASTM A216 WCB
5	DISC WASHER	AISI 1025
6	DISC NUT	ASTM A194 2H
7	HINGE PIN	ASTM A276 410
8	GASKET	SS304+Flexible Graphite
9	COVER	ASTM A216 WCB
10	NUT	ASTM A194 2H
11	BOLT	ASTM A193 B7
12	HOOK SCREW	CARBON STEEL
13	GASKET	COPPER ALLOYS
14	DRAIN PLUG	CARBON STEEL



Dimensions (mm):

SIZE		d	L	H	T	t	A	B	D	N-ØM	Weight kg
IN	DN										
6"	150	150	444	360	37	1.6	216	270	318	12-Ø22	114
8"	200	201	533	370	42	1.6	270	330	381	12-Ø25	198
10"	250	252	622	385	48	1.6	324	387.5	445	16-Ø29	307
12"	300	303	711	440	51	1.6	381	451	521	16-Ø32	480
14"	350	334	838	520	54	1.6	413	514.5	584	20-Ø32	664
16"	400	385	864	554	58	1.6	470	571.5	648	20-Ø35	777
18"	450	436	978	620	61	1.6	533	628.5	711	24-Ø35	1050
20"	500	487	1016	680	64	1.6	584	686	775	24-Ø35	-
24"	600	589	1346	770	70	1.6	692	813	914	24-Ø41	-

Note: Torque measured at ambient temperature with no loading ; safety factor is not included.

CHECK VALVE

Cast Steel Swing Check Valve
 CLASS 600, 2"~3"

MODEL: KRD-SCF

» Features

- Suitable for a wide range of industry and media
- Precision, high quality castings
- Suitable for both horizontal and vertical installation
- Bolted cover; robust construction
- EN10204-3.1 Material certificate available

» Standards

- Basic design to API6D
- Face-to-face acc. to B16.10
- End flange dimension acc. to B16.5
- Inspection & test acc. to API 598

» Temperature Range

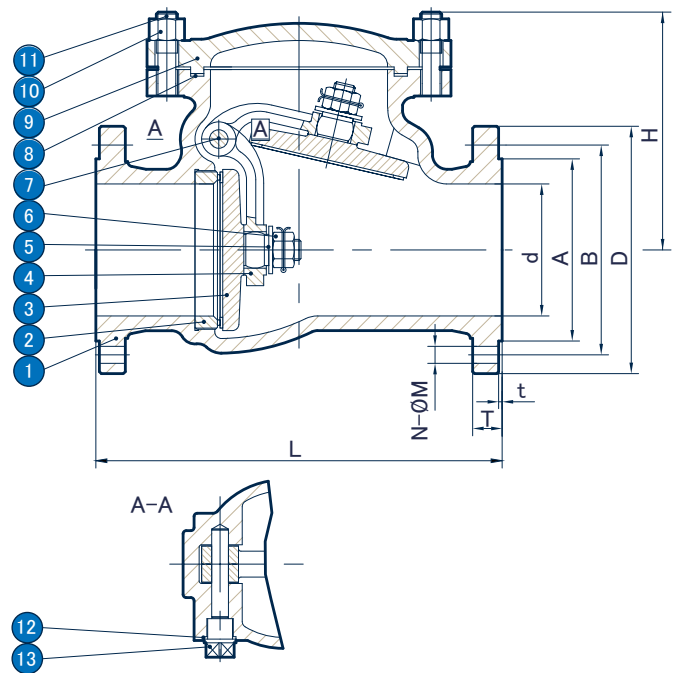
Metal seat : -29°C to 450°C

» Limitation

- If installed in a vertical position, the direction of flow must be in an up-flow direction
- If installed in a horizontal position, the valve must be installed with the cover oriented to the top

Materials List:

NO	PART NAME	MATERIAL
1	BODY	ASTM A216 WCB
2	SEAT RING	ASTM A105+13Cr
3	DISC	ASTM A216 WCB+13Cr
4	HINGE	ASTM A216 WCB
5	DISC WASHER	AISI 1025
6	DISC NUT	ASTM A194 2H
7	HINGE PIN	ASTM A276 410
8	GASKET	SS304+Flexible Graphite
9	COVER	ASTM A216 WCB
10	NUT	ASTM A194 2H
11	BOLT	ASTM A193 B7
12	GASKET	COPPER ALLOYS
13	DRAIN PLUG	CARBON STEEL



Dimensions (mm):

SIZE		d	L	H	T	t	A	B	D	N-ØM	Weight kg
IN	DN										
2"	50	49	292	155	26	6.4	92	127	165	8-Ø19	24
2½"	65	62	330	178	29	6.4	105	149	190	8-Ø22	35
3"	80	74	356	200	32	6.4	127	168	210	8-Ø22	45

Note: Torque measured at ambient temperature with no loading ; safety factor is not included.

CHECK VALVE

Cast Steel Swing Check Valve
 CLASS 600, 4"~24"

MODEL: KRD-SCF

» Features

- Suitable for a wide range of industry and media
- Precision, high quality castings
- Suitable for both horizontal and vertical installation
- Bolted cover; robust construction
- EN10204-3.1 Material certificate available

» Standards

- Basic design to API6D
- Face-to-face acc. to B16.10
- End flange dimension acc. to B16.5
- Inspection & test acc. to API 598

» Temperature Range

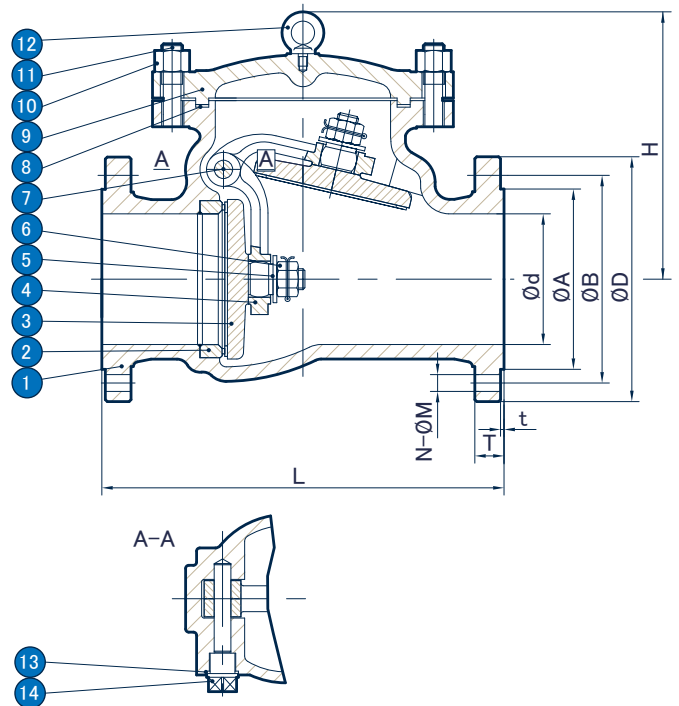
Metal seat : -29°C to 450°C

» Limitation

- If installed in a vertical position, the direction of flow must be in an up-flow direction
- If installed in a horizontal position, the valve must be installed with the cover oriented to the top

Materials List:

NO	PART NAME	MATERIAL
1	BODY	ASTM A216 WCB
2	SEAT RING	ASTM A105+13Cr
3	DISC	ASTM A216 WCB+13Cr
4	HINGE	ASTM A216 WCB
5	DISC WASHER	AISI 1025
6	DISC NUT	ASTM A194 2H
7	HINGE PIN	ASTM A276 410
8	GASKET	SS304+Flexible Graphite
9	COVER	ASTM A216 WCB
10	NUT	ASTM A194 2H
11	BOLT	ASTM A193 B7
12	HOOK SCREW	CARBON STEEL
13	GASKET	COPPER ALLOYS
14	DRAIN PLUG	CARBON STEEL



Dimensions (mm):

SIZE		d	L	H	T	t	A	B	D	N-ØM	Weight kg
IN	DN										
4"	100	100	432	280	38	6.4	157	216	273	8-Ø25	91
6"	150	150	559	362	48	6.4	216	292	356	12-Ø29	191
8"	200	201	660	437	56	6.4	270	349	419	12-Ø32	343
10"	250	252	787	490	64	6.4	324	432	508	16-Ø35	618
12"	300	303	838	528	67	6.4	381	489	559	20-Ø35	850
14"	350	334	889	572	70	6.4	413	527	603	20-Ø38	920
16"	400	385	991	660	77	6.4	470	603	686	20-Ø41	1195
18"	450	436	1092	720	83	6.4	533	654	743	20-Ø44	1820
20"	500	487	1194	746	89	6.4	584	724	813	24-Ø44	-
24"	600	589	1397	960	102	6.4	692	838	940	24-Ø51	-

Note: Torque measured at ambient temperature with no loading ; safety factor is not included.

CHECK VALVE

Cast Steel Swing Check Valve
 CLASS 600, 26"

MODEL: KRD-SCF

» Features

- Suitable for a wide range of industry and media
- Precision, high quality castings
- Suitable for both horizontal and vertical installation
- Bolted cover; robust construction
- EN10204-3.1 Material certificate available

» Standards

- Basic design to API6D
- Face-to-face acc. to B16.10
- End flange dimension acc. to B16.5
- Inspection & test acc. to API 598

» Temperature Range

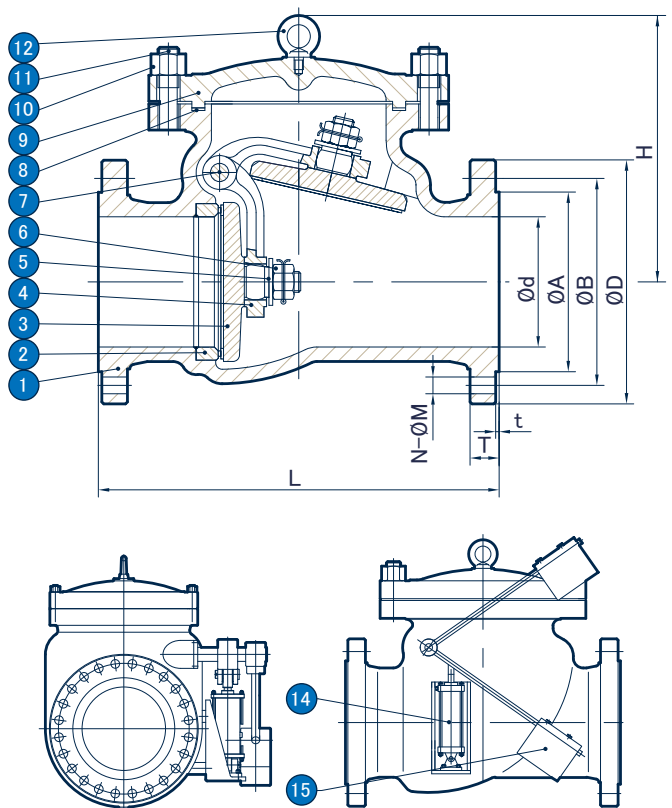
Metal seat : -29°C to 450°C

» Limitation

- If installed in a vertical position, the direction of flow must be in an up-flow direction
- If installed in a horizontal position, the valve must be installed with the cover oriented to the top

Materials List:

NO	PART NAME	MATERIAL
1	BODY	ASTM A216 WCB
2	SEAT RING	ASTM A182 F316
3	DISC	ASTM A216 WCB+13Cr
4	HINGE	ASTM A216 WCB
5	DISC WASHER	AISI 1025
6	DISC NUT	AISI 1025
7	HINGE PIN	ASTM A276 410
8	GASKET	SS304+Flexible Graphite
9	COVER	AISI 1025
10	NUT	ASTM A194 2H
11	BOLT	ASTM A193 B7
12	HOOK SCREW	CARBON STEEL
13	Amortisseur	Components
14	Balancer	Components



Dimensions (mm):

SIZE		d	L	H	T	t	A	B	D	N-ØM
IN	DN									
26"	650	633	1448	-	108	2	749	914.4	1015	28-Ø51

CHECK VALVE

Cast Steel Swing Check Valve
 CLASS 900, 2"~16"

MODEL: KRD-SCF

» Features

- Suitable for a wide range of industry and media
- Precision, high quality castings
- Suitable for both horizontal and vertical installation
- Bolted cover; robust construction
- EN10204-3.1 Material certificate available

» Standards

- Basic design to API6D
- Face-to-face acc. to B16.10
- End flange dimension acc. to B16.5
- Inspection & test acc. to API 598

» Temperature Range

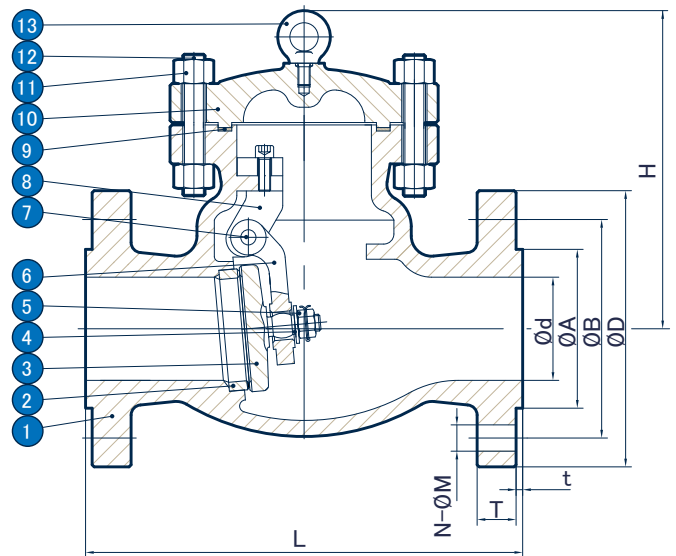
Metal seat : -29°C to 450°C

» Limitation

- If installed in a vertical position, the direction of flow must be in an up-flow direction
- If installed in a horizontal position, the valve must be installed with the cover oriented to the top

Materials List:

NO	PART NAME	MATERIAL
1	BODY	ASTM A216 WCB
2	SEAT RING	ASTM A105+13Cr
3	DISC	ASTM A216 WCB+13Cr
4	DISC WASHER	AISI 1025
5	DISC NUT	ASTM A194 2H
6	HINGE	ASTM A216 WCB
7	HINGE PIN	ASTM A276 410
8	YOKE	ASTM A216 WCB
9	GASKET	SS304+Flexible Graphite
10	COVER	ASTM A216 WCB
11	NUT	ASTM A194 2H
12	BOLT	ASTM A193 B7
13	HOOK SCREW	CARBON STEEL



Dimensions (mm):

SIZE		d	L	H	T	t	A	B	D	N-ØM
IN	DN									
2"	50	47.5	368	280	38.1	7	92	165.1	215	8-Ø25.5
2½"	65	57	419	280	41.3	7	105	190.5	245	8-Ø28.5
3"	80	73	381	280	38.1	7	127	190.5	240	8-Ø25.5
4"	100	98	457	280	44.5	7	157	235	290	8-Ø32
6"	150	148	610	362	55.6	7	216	317.5	380	12-Ø32
8"	200	191	737	437	63.5	7	270	393.7	470	12-Ø38
10"	250	238	838	490	69.9	7	324	469.9	545	16-Ø38
12"	300	283	965	528	79.4	7	381	533.4	610	20-Ø38
14"	350	311	1029	572	85.4	7	413	558.8	640	20-Ø41
16"	400	356	1130	660	88.9	7	470	616	705	20-Ø44.5

CHECK VALVE

Cast Steel Swing Check Valve
 CLASS 1500, 2"~16"

MODEL: KRD-SCF

» Features

- Suitable for a wide range of industry and media
- Precision, high quality castings
- Suitable for both horizontal and vertical installation
- Bolted cover; robust construction
- EN10204-3.1 Material certificate available

» Standards

- Basic design to API6D
- Face-to-face acc. to B16.10
- End flange dimension acc. to B16.5
- Inspection & test acc. to API 598

» Temperature Range

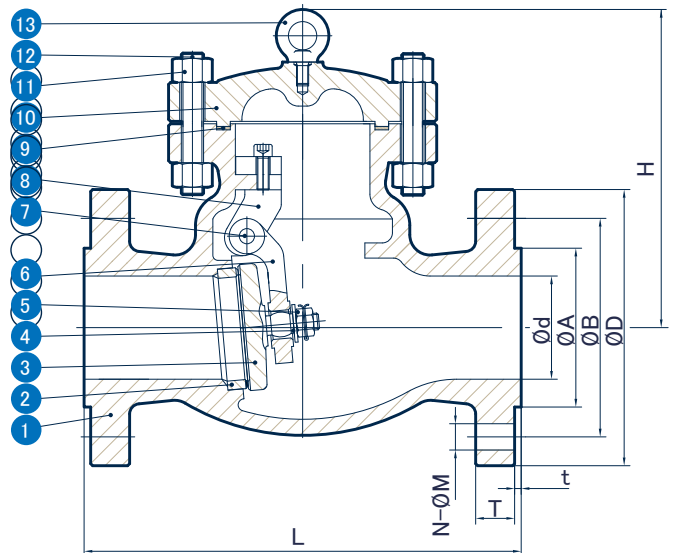
Metal seat : -29°C to 450°C

» Limitation

- If installed in a vertical position, the direction of flow must be in an up-flow direction
- If installed in a horizontal position, the valve must be installed with the cover oriented to the top

Materials List:

NO	PART NAME	MATERIAL
1	BODY	ASTM A216 WCB
2	SEAT RING	ASTM A105+13Cr
3	DISC	ASTM A216 WCB+13Cr
4	DISC WASHER	AISI 1025
5	DISC NUT	ASTM A194 2H
6	HINGE	ASTM A216 WCB
7	HINGE PIN	ASTM A276 410
8	YOKE	ASTM A216 WCB
9	GASKET	SS304+Flexible Graphite
10	COVER	ASTM A216 WCB
11	NUT	ASTM A194 2H
12	BOLT	ASTM A193 B7
13	HOOK SCREW	CARBON STEEL



Dimensions (mm):

SIZE		d	L	H	T	t	A	B	D	N-ØM
IN	DN									
2"	50	47.5	368	280	38.1	7	92	165.1	215	8-Ø25.5
2½"	65	57	419	280	41.3	7	105	190.5	245	8-Ø28.5
3"	80	70	470	280	47.7	7	127	203.2	265	8-Ø32
4"	100	92	546	280	54	7	157	241.3	310	8-Ø35
6"	150	136	705	362	82.6	7	216	317.5	395	12-Ø38
8"	200	178	832	437	92.1	7	270	393.7	485	12-Ø45
10"	250	222	991	490	108	7	324	482.6	585	16-Ø51
12"	300	263	1130	528	123.9	7	381	571.5	675	20-Ø54

All information is based on years of experience in production and operation of sealing elements. However, in view of the wide variety of possible installation and operating conditions one cannot draw final conclusions in all application cases regarding the behaviour in gasket joint. The data may not, therefore, be used to support any warranty claims. This edition cancels all previous issues. Subject to change without notice.

Certified acc. to DIN EN ISO 9001:2015 Subject to technical alterations.
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