CHECK VALVE

Cast Steel Lift Check Valve
PN40-F1, DN15~DN300

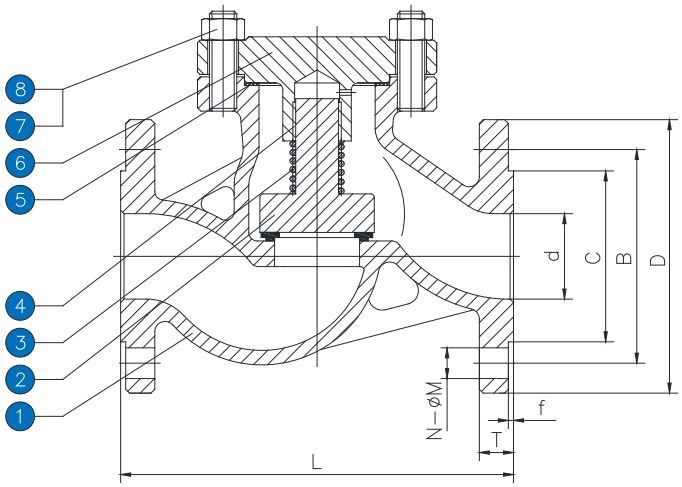
MODEL: KRD-LCF

» Body Material
DIN 17245 GS-C25 + 13Cr

» Size Range
1/2“ - 12“ (DN15~DN300)

» Temperature Range
Metal seat：-10°C to 450°C

» Standards
- Basic design to DIN 3356
- Face-to-face acc. to DIN 3202-F1
- End flange dimension acc. to EN 1092-1
- Inspection & test acc. to EN 12266-1/2



Materials List:

NO	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 13Cr
2	DISC	ASTM A105 + 13Cr
3	SPRING	SS304
4	BUSHING	SS304
5	BONNET GASKET	SS304+FLEXIBLE GRAPHITE
6	BONNET	ASTM A105
7	BONNET NUT	ASTM A194 2H
8	BONNET BOLT	ASTM A193 B7

Dimensions (mm):

SIZE		d	D	B	C	L	T	f	N	M
IN	DN									
1/2"	15	15	95	65	45	130	16	2	4	14
3/4"	20	20	105	75	58	150	18	2	4	14
1"	25	25	115	85	68	160	18	2	4	14
1¼"	32	32	140	100	78	180	18	2	4	18
1½"	40	40	150	110	88	200	18	3	4	18
2"	50	50	165	125	102	230	20	3	4	18
2½"	65	65	185	145	122	290	22	3	8	18
3"	80	80	200	160	138	310	24	3	8	18
4"	100	100	235	190	162	350	24	3	8	22
5"	125	125	270	220	188	400	26	3	8	26
6"	150	150	300	250	218	480	28	3	8	26
8"	200	200	375	320	285	600	34	3	12	30
10"	250	250	450	385	345	730	38	3	12	33
12"	300	300	515	450	410	850	42	4	16	33

CHECK VALVE

Cast Steel Lift Check Valve
CLASS 150, 2”~12”

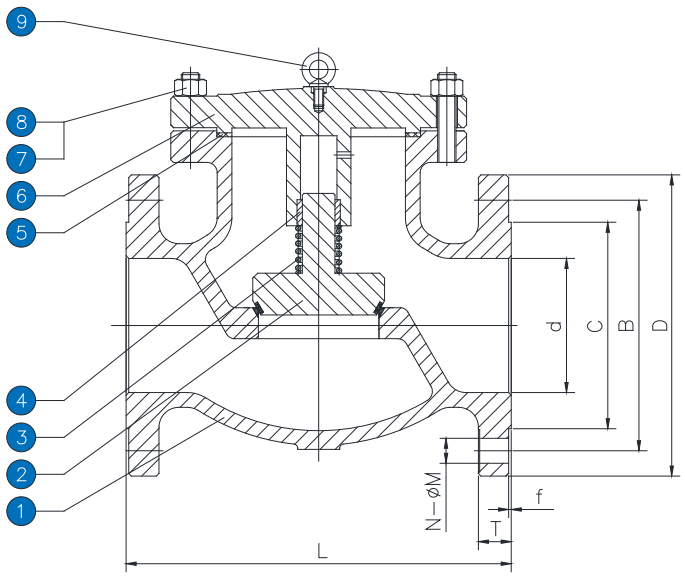
MODEL: KRD-LCF

» Body Material
ASTM A216 WCB

» Size Range
2“ - 12“ (DN50~DN300)

» Temperature Range
Metal seat：-29°C to 450°C

» Standards
- Basic design to BS 1868
- Face-to-face acc. to ASME B16.10
- End flange dimension acc. to ASME B16.5
- Inspection & test acc. to API 598



Materials List:

NO	PART NAME	MATERIAL
1	BODY	ASTM A216 WCB
2	DISC	ASTM A105 + 13Cr
3	SPRING	SS304
4	BUSHING	SS304
5	BONNET GASKET	SS304+FLEXIBLE GRAPHITE
6	BONNET	ASTM A105
7	BONNET NUT	ASTM A194 2H
8	BONNET BOLT	ASTM A193 B7
9	HOOK SCREW	CARBON STEEL

Dimensions (mm):

SIZE		d	D	B	C	L	T	f	N	M
IN	DN									
2"	50	49	150	120.7	92.1	203	16.3	2	4	19
2½"	65	62	180	139.7	104.8	216	17.9	2	4	19
3"	80	74	190	152.4	127	241	19.5	2	4	19
4"	100	100	230	190.5	157.2	292	24.3	2	8	19
5"	125	127	255	215.9	185.7	356	24.3	2	8	22.5
6"	150	150	280	241.3	215.9	406	25.9	2	8	22.5
8"	200	201	345	298.5	269.9	495	29	2	8	22.5
10"	250	252	405	362	323.8	622	30.6	2	12	25.5
12"	300	303	485	431.8	381	698	32.2	2	12	25.5

CHECK VALVE

Cast Steel Lift Check Valve
CLASS 300, 2”~12”

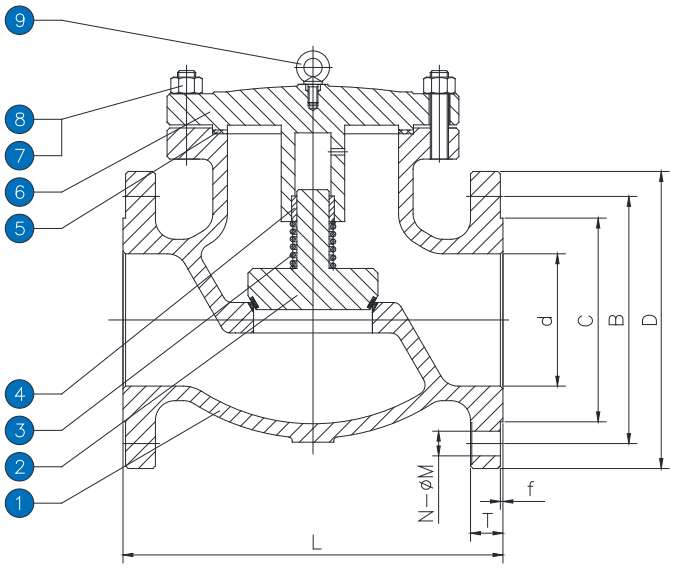
MODEL: KRD-LCF

» Body Material
ASTM A216 WCB

» Size Range
2“ - 12“ (DN50~DN300)

» Temperature Range
Metal seat：-29°C to 450°C

» Standards
- Basic design to BS 1868
- Face-to-face acc. to ASME B16.10
- End flange dimension acc. to ASME B16.5
- Inspection & test acc. to API 598



Materials List:

NO	PART NAME	MATERIAL
1	BODY	ASTM A216 WCB
2	DISC	ASTM A105 + 13Cr
3	SPRING	SS304
4	BUSHING	SS304
5	BONNET GASKET	SS304+FLEXIBLE GRAPHITE
6	BONNET	ASTM A105
7	BONNET NUT	ASTM A194 2H
8	BONNET BOLT	ASTM A193 B7
9	HOOK SCREW	CARBON STEEL

Dimensions (mm):

SIZE		d	D	B	C	L	T	f	N	M
IN	DN									
2"	50	49	165	127	92.1	267	22.7	2	8	19
2½"	65	62	190	149.2	104.8	292	25.9	2	8	22.5
3"	80	74	210	168.3	127	318	29	2	8	22.5
4"	100	100	255	200	157.2	356	32.2	2	8	22.5
5"	125	127	280	235	185.7	400	35.4	2	8	22.5
6"	150	150	320	269.9	215.9	444	37	2	12	22.5
8"	200	201	380	330.2	269.9	559	41.7	2	12	25.5
10"	250	252	445	387.4	323.8	622	48.1	2	16	28.5
12"	300	303	520	450.8	381	711	51.3	2	16	32

CHECK VALVE

Cast Steel Lift Check Valve
CLASS 600, 2”~12”

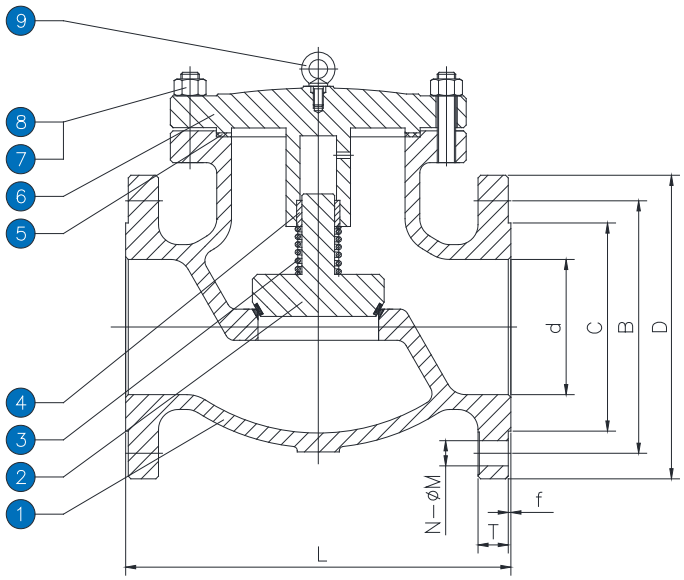
MODEL: KRD-LCF

» Body Material
ASTM A216 WCB

» Size Range
2“ - 12“ (DN50~DN300)

» Temperature Range
Metal seat：-29°C to 450°C

» Standards
- Basic design to BS 1868
- Face-to-face acc. to ASME B16.10
- End flange dimension acc. to ASME B16.5
- Inspection & test acc. to API 598



Materials List:

NO	PART NAME	MATERIAL
1	BODY	ASTM A216 WCB
2	DISC	ASTM A105 + 13Cr
3	SPRING	SS304
4	BUSHING	SS304
5	BONNET GASKET	SS304+FLEXIBLE GRAPHITE
6	BONNET	ASTM A105
7	BONNET NUT	ASTM A194 2H
8	BONNET BOLT	ASTM A193 B7
9	HOOK SCREW	CARBON STEEL

Dimensions (mm):

SIZE		d	D	B	C	L	T	f	N	M
IN	DN									
2"	50	49	165	127	92.1	292	25.4	7	8	19
2½"	65	62	190	149.2	104.8	330	28.6	7	8	22.5
3"	80	74	210	168.3	127	356	31.8	7	8	22.5
4"	100	100	275	215.9	157.2	432	38.1	7	8	25.5
5"	125	127	330	266.7	185.7	508	44.5	7	8	28.5
6"	150	150	355	292.1	215.9	559	47.7	7	12	28.5
8"	200	200	420	349.2	269.9	660	55.6	7	12	32
10"	250	248	510	431.8	323.8	787	63.5	7	16	35
12"	300	298	560	489	381	838	66.7	7	20	35

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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