

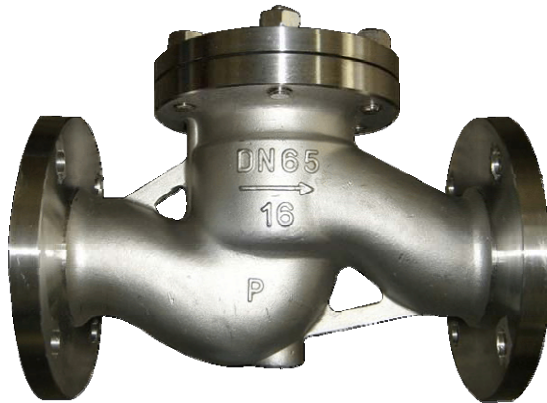
SHANGHAI CIPHY INDUSTRY LTD.,CO.

DIN PN16/25/40

CARBON STEEL OR STAINLESS STEEL

LIFT CHECK VALVE BOLTED BONNET DESIGN

MODEL NO: SCDXRF-LF



LIFT CHECK VALVE PRODUCT'S SIZE:

PRESSURE GRADE	FROM	TO
PN 16	1-1/2"	12"
PN 25	1-1/2"	12"
PN 40	1-1/2"	8"

DESIGN DESCRIPTION:

- * BOLTED COVER AND WELDING COVER;
- * LIFT TYPE;
- * FOR HORIZONTAL OR VERTICAL LINES;
- * FLANGED ENDS OR BUTT-WELDING ENDS;
- * RISING FLANGE OR RING TYPE JOINT.

WORKING PRESSURE AND TEMPERATURE:

WORKING TEMPERATURE		
MATERIAL	CELSIUR SCALE	FAHRENHEIT
CARBON STEEL	-29 ⁰ C~425 ⁰ C	6 ⁰ F~822 ⁰ F
STAINLESS STEEL	-40 ⁰ C~550 ⁰ C	15 ⁰ F~1047 ⁰ F

GENERAL DESIGN SPECIFICATIONS:

ITEM	DIN PN 16	DIN PN 25	DIN PN 40
MANUFACTURE	DIN 3356		
FACE TO FACE	DIN 3202F6	DIN 3202F6	DIN 3202 F1
END FLANGE	DIN 2543	DIN 2544	DIN 2545
INSPECTION AND TEST	DIN 3230		

TEST PRESSURE TO DIN 3230

DIN	SHELL (WATER)	SEAT (WATER)
PN 16	2.4MPa	17.6MPa
PN 25	3.75MPa	27.5MPa
PN 40	6.0MPa	4.4MPa

TRIMS SPECIFIED DUE TO TABLE 3:

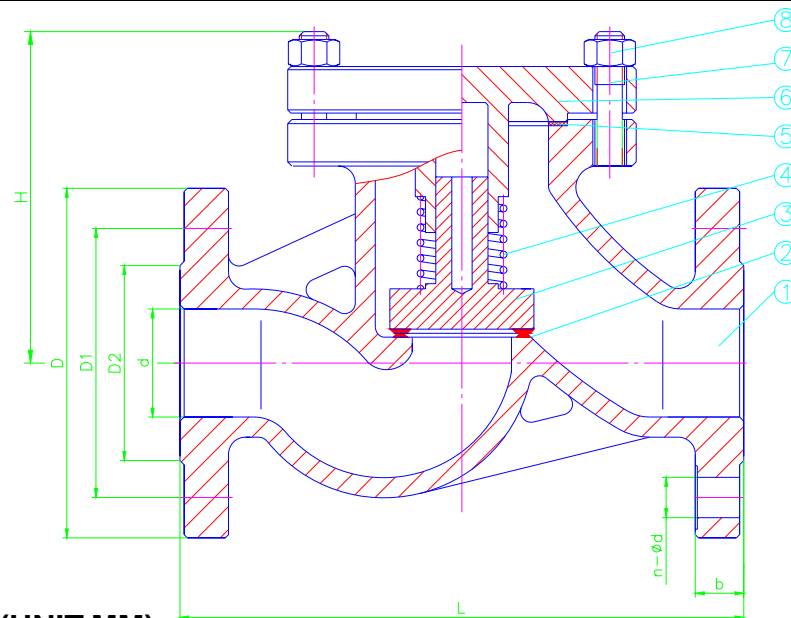
DISC SEAT SURFACE PART NO.3	BODY SEAT SURFACE PART NO.2
F6	F6
STELLITE	STELILITE
F6	STELILITE
F304	F304
F316	F316

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

PARTS AND MATERIAL (ASTM):

NO	PARTS NAME	MATERIAL						
		A216WCB	A352LCB	A217WC1	A217WC5	A217WC6	A351CF8	A351CF8M
1	BODY	A216WCB	A352LCB	A217WC1	A217WC5	A217WC6	A351CF8	A351CF8M
4	SPRING	STAINLESS STEEL						
5	GASKET	REINFORCED FLAT GRAPHITE,OR SS SPIREAL WOUND W/GRAPHITE OR PTFE						
6	COVER	A216WCB	A352LCB	A217WC1	A217WC5	A217WC6	A351CF8	A351CF8M
7	BONNET BOLT	A193B7	A320L7	A193B7	A193B16	A193B16	A193B8	A193B8
8	BONNET BOLT NUT	A1942H	A1944	A1942H	A1944	A1944	A1948	A1948

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

**DIMENSIONS LIST(UNIT:MM):**

PN 16									
DN	SIZE	d	D	D1	D2	b	n-φd	L (F1)	H
40	1-1/2"	40	150	110	88	18	4-18	200	140
50	2"	50	165	125	102	20	4-18	230	115
65	2-1/2"	65	185	145	122	20	4-18	290	140
80	3"	80	200	160	138	20	8-18	310	170
100	4"	100	220	180	158	20	8-18	350	200
150	6"	150	285	240	212	22	8-22	480	255
200	8"	200	340	295	268	24	12-22	600	285
250	10"	250	405	355	320	26	12-26	730	330
300	12"	300	460	410	378	28	12-26	850	382

PN 25									
DN	SIZE	d	D	D1	D2	b	n-φd	L(F1)	H
40	1-1/2"	40	150	110	88	18	4-18	200	140
50	2"	50	165	125	102	20	4-18	230	115
65	2-1/2"	65	185	145	122	22	8-18	290	140
80	3"	80	200	160	138	24	8-18	310	170
100	4"	100	235	190	162	24	8-22	350	200
150	6"	150	300	250	212	28	8-26	480	262
200	8"	200	365	310	278	30	12-26	600	285
250	10"	250	425	370	335	32	12-30	730	330
300	12"	300	485	430	395	34	16-30	850	382

PN 40									
DN	SIZE	d	D	D1	D2	b	n-φd	L(F1)	H
40	1-1/2"	40	150	110	88	18	4-18	200	140
50	2"	50	165	125	102	20	4-18	230	150
65	2-1/2"	65	185	145	122	22	8-18	290	160
80	3"	80	200	160	138	24	8-18	310	175
100	4"	100	235	190	162	24	8-22	350	200
150	6"	150	300	250	212	28	8-26	480	262
200	8"	200	375	320	285	34	12-30	600	315

*** We hereby reserve the rights of any alternative dimension that would help to improve our valve's quality and working efficiency**



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