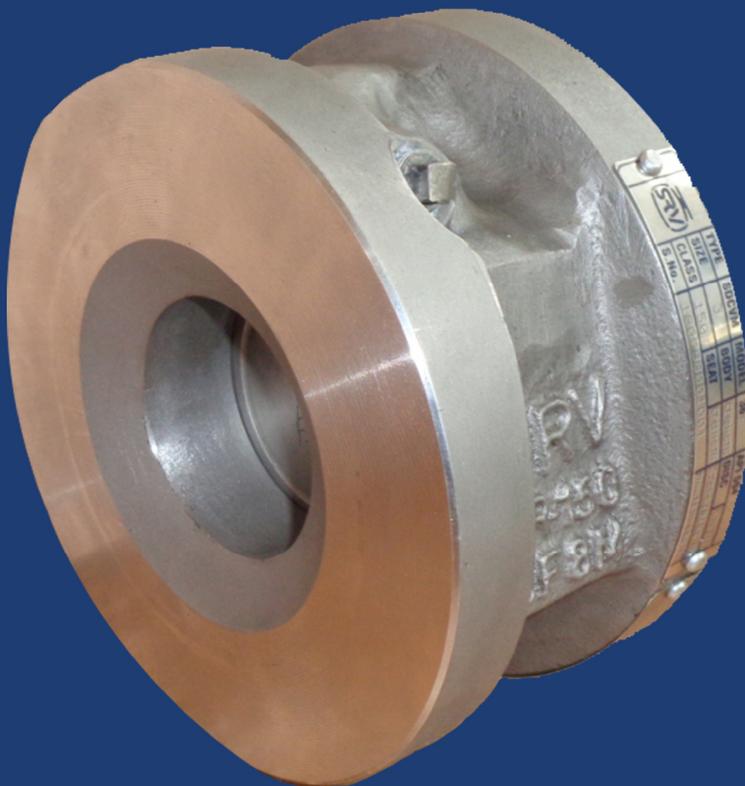




Sri Ranganathar Valves (P) Ltd

Quality flow in every valve

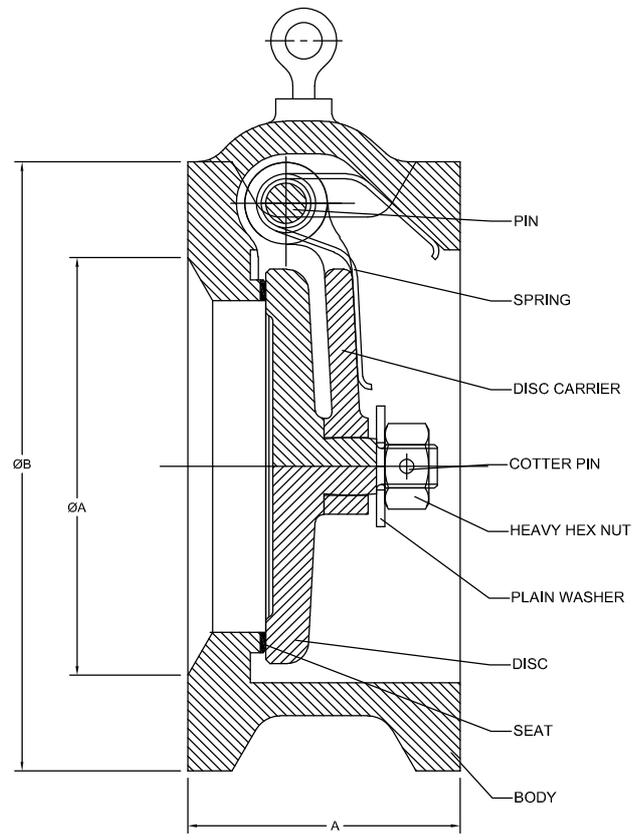
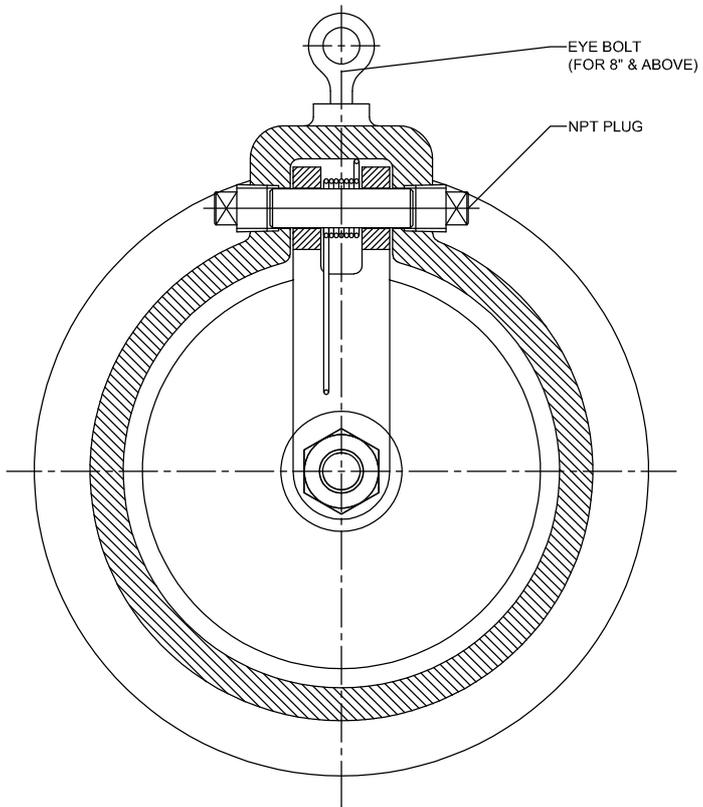


SINGLE DISC CHECK VALVE

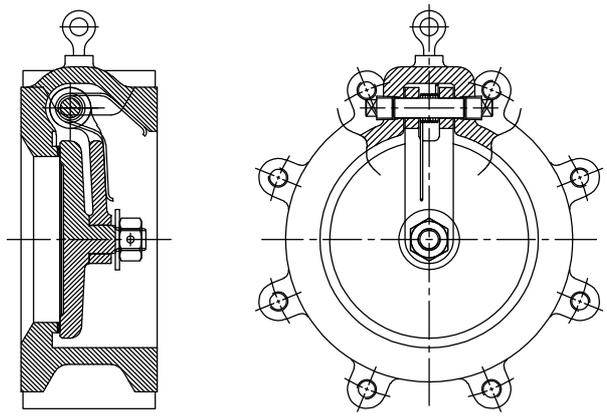
ISO 9001 : 2015 | PED | API 6D CERTIFIED

GENERAL ASSEMBLY

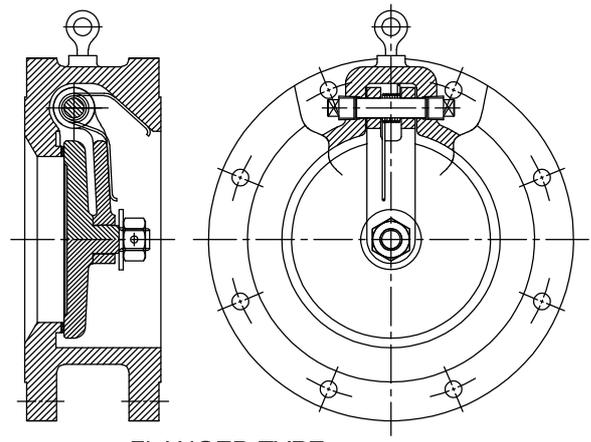
DESIGN SPECIFICATIONS		
GENERAL VALVE DESIGN	API 594	
PRESSURE TEMPERATURE RATING	ASME B16.34	
FLANGE TO SUIT	UP TO 24"	ASME B16.5
	30" AND ABOVE	ASME B16.47-A
FACE TO FACE DIMENSION	API 594	
MATERIALS	ASTM	
VALVE TESTING	API 598	



END OPTIONS



LUG TYPE



FLANGED TYPE

DIMENSIONS

CLASS 150	SIZE	INCH	2	2 ½	3	4	5	6	8	10	12	14	16	18	20	24
		mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
	ØA	INCH	2.22	2.291	3.00	4.00	5.00	6.00	8.00	10.00	12.12	14.29	14.90	17.25	19.31	22.24
	mm	56.40	58.20	76.2	101.6	127.0	152.4	203.2	254.0	308.00	363.00	378.60	438.15	490.5	565.00	
ØB	INCH	4.13	4.88	5.38	6.88	7.75	8.75	11.00	13.38	16.13	17.75	20.25	21.63	23.88	28.25	
	mm	105.00	124.0	137.0	175.0	197.0	222.0	279.0	340.0	410.0	451.0	514.0	549.0	606.0	718.0	
C	INCH	2.38	2.62	2.88	2.88	3.39	3.88	5.00	5.75	7.12	7.25	7.50	8.00	8.62	8.75	
	mm	60.50	66.55	73.15	73.15	86.00	98.55	127.00	146.05	180.84	184.15	190.50	203.20	218.94	222.25	

CLASS 300	SIZE	INCH	2	2 ½	3	4	5	6	8	10	12	14	16	18	20	24
		mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
	ØA	INCH	2.22	2.291	3.00	4.00	5.00	6.00	8.00	10.00	12.12	14.29	14.90	17.25	19.31	22.24
	mm	56.4	58.2	76.2	101.6	127.0	152.4	203.2	254.0	308.0	363.0	378.6	438.2	490.5	585.0	
ØB	INCH	4.38	5.13	5.88	7.13	8.50	9.88	12.13	14.25	16.63	19.13	21.25	23.50	25.75	30.50	
	mm	111.0	130.0	149.0	181.0	216.0	251.0	308.0	362.0	422.0	486.0	540.0	597.0	654.0	775.0	
ØC	INCH	2.38	2.62	2.88	2.88	3.38	3.88	5.00	5.75	7.12	7.25	7.50	8.00	8.62	8.75	
	mm	60.50	66.55	73.15	73.15	86.00	98.55	127.00	146.05	180.84	222.25	213.65	263.65	292.10	317.50	

CLASS 600	SIZE	INCH	2	2 ½	3	4	6	8	10	12	14	16	18	20	24
		mm	50	65	80	100	150	200	250	300	350	400	450	500	600
	ØA	INCH	2.22	2.29	2.88	4.40	6.00	7.91	9.88	12.12	14.29	14.90	17.25	19.31	22.24
	mm	56.4	58.2	73.3	111.8	152.4	201.1	251.0	308.0	363.0	378.6	438.2	490.5	565.0	
ØB	INCH	4.38	5.13	5.88	7.63	10.50	12.64	15.75	18.00	19.38	22.25	24.13	26.88	31.13	
	mm	111.0	130.0	149.0	194.0	267.0	321.0	400.0	457.0	492.0	565.0	613.0	683.0	791.0	
ØC	INCH	2.38	2.62	2.88	3.12	5.38	6.50	8.38	9.00	10.75	12.00	14.25	14.50	17.25	
	mm	60.5	66.6	73.2	79.3	136.7	165.1	212.9	228.6	273.1	304.8	362.0	368.3	438.2	

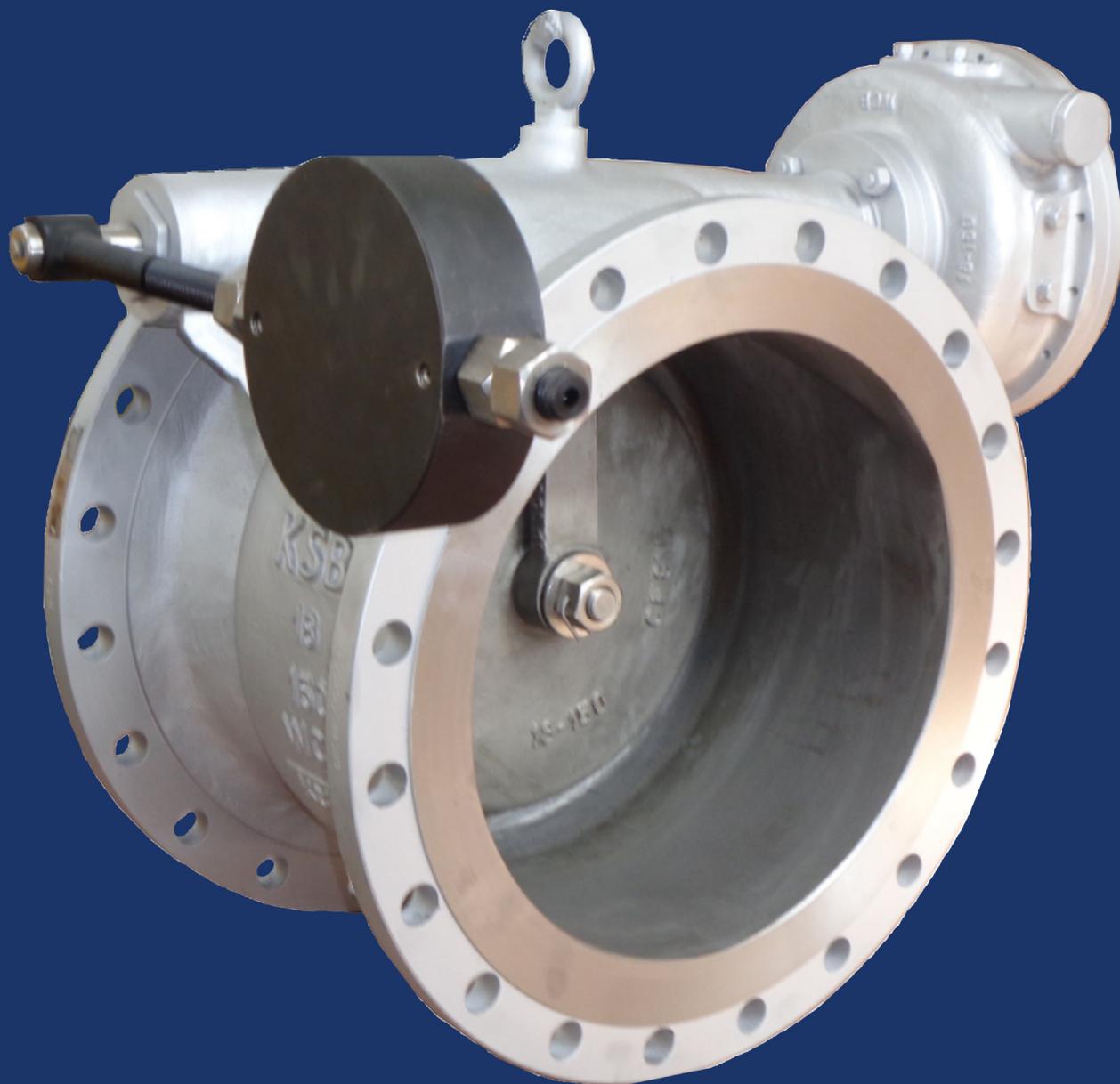
BILL OF MATERIAL

PART NAME	A 216-WCB	WCC	A 217-WC6	WC9	A 217-C5	C9	C12	A 352-LCB	LCC
BODY	A 216-WCB	WCC	A 217-WC6	WC9	A 217-C5	C9	C12	A 352-LCB	LCC
SEAT	WCB+13% Cr	WCC+13% Cr	WC6+13% Cr	WC9+ST6	A 217-C5+ST6	C9+ST6	C12+ST6	A 352-LCB+SS 304	LCC+SS 304
DISC	WCB+13% Cr	WCC+13% Cr	WC6+13% Cr	WC9+ST6	A 217-C5+ST6	C9+ST6	C12+ST6	A 352-LCB+SS 304	LCC+SS 304
COTTER PIN	SS 410		SS 410		SS 410			SS 304	
HEAVY HEX NUT (DISC)	A 194-2HM		A 194-2HM		A 194-2HM			A 194-Gr.8	
DISC CARRIER	A 217-CA15		A 217-CA15		A 217-CA15			A 351-CF8	
WASHER	SS 410		SS 410		SS 410			SS 304	
NPT PLUG	SS 410		SS 410		SS 410			SS 304	
PIN	A 276-410		A 276-410		A 276-410			A 276-304	
SPRING	SS 304		SS 304		SS 304			SS 304	

PART NAME	A 351-CF8	CF8M	A 351-CF3	CF3M	A 351-CG8M	CG3M	A 351-CF8C	CN7M
BODY	A 351-CF8	A 351-CF8M	A 351-CF3	CF3M	A 351-CG8M	CG3M	A 351-CF8C	CN7M
SEAT	A 351-CF8	A 351-CF8M	A 351-CF3	CF3M	A 351-CG8M	CG3M	A 351-CF8C	CN7M
DISC	A 351-CF8	A 351-CF8M	A 351-CF3	CF3M	A 351-CG8M	CG3M	A 351-CF8C	CN7M
COTTER PIN	SS 304	SS 316	SS 304L	316L	SS 317	317L	SS 347	A 20
HEAVY HEX NUT (DISC)	A 194-Gr.8	A 194-Gr.8M	SS 304L	316L	SS 317	317L	SS 347	A 20
DISC CARRIER	A 351-CF8	A 351-CF8M	A 351-CF3	CF3M	A 351-CG8M	CG3M	A 351-CF8C	CN7M
WASHER	SS 304	SS 316	SS 304L	316L	SS 317	317L	SS 347	A 20
NPT PLUG	SS 304	SS 316	SS 304L	316L	SS 317	317L	SS 347	A 20
PIN	A 276-304	A 276-316	A 276-304L	316L	A 276-317	317L	A 276-347	A 20
SPRING	SS 304	SS 316	INCONEL X750		INCONEL X750		INCONEL X750	

PART NAME	A 351-CK3MCuN	CN3MN	A 995-4A	6A	A 494 CZ100	M35-1	A 494 CW12MW	CW6MC
BODY	A 351-CK3MCuN	CN3MN	A 995-4A	6A	A 494 CZ100	M35-1	A 494 CW12MW	CW6MC
SEAT	A 351-CK3MCuN	CN3MN	A 995-4A	6A	A 494 CZ100	M35-1	A 494 CW12MW	CW6MC
DISC	A 351-CK3MCuN	CN3MN	A 995-4A	6A	A 494 CZ100	M35-1	A 494 CW12MW	CW6MC
COTTER PIN	S31254	AL6XN	S31803	S32760	UNS N02200	UNS N04400	UNS N10002	UNS N06625
HEAVY HEX NUT (DISC)	S31254	AL6XN	S31803	S32760	UNS N02200	UNS N04400	UNS N10002	UNS N06625
DISC CARRIER	A 351-CK3MCuN	CN3MN	A 995-4A	6A	A 494 CZ100	M35-1	A 494 CW12MW	CW6MC
WASHER	S31254	AL6XN	S31803	S32760	UNS N02200	UNS N04400	UNS N10002	UNS N06625
NPT PLUG	S31254	AL6XN	S31803	S32760	UNS N02200	UNS N04400	UNS N10002	UNS N06625
PIN	S31254	AL6XN	S31803	S32760	UNS N02200	UNS N04400	UNS N10002	UNS N06625
SPRING	INCONEL X750		INCONEL X750		INCONEL X750		INCONEL X750	

VALVES WORKING WELL ON LINE AT CUSTOMER PLACE FOR OVER 11 YEARS



Sri Ranganathar Valves Pvt. Ltd

7/109, Arasur,
Coimbatore - 641 047
Tamilnadu, INDIA.

Phone : +[91] - 422 - 6556061

Fax : +[91] - 422 - 240 0773

Email : srv@sriindia.net

