



Sri Ranganathar Valves (P) Ltd

Quality flow in every valve

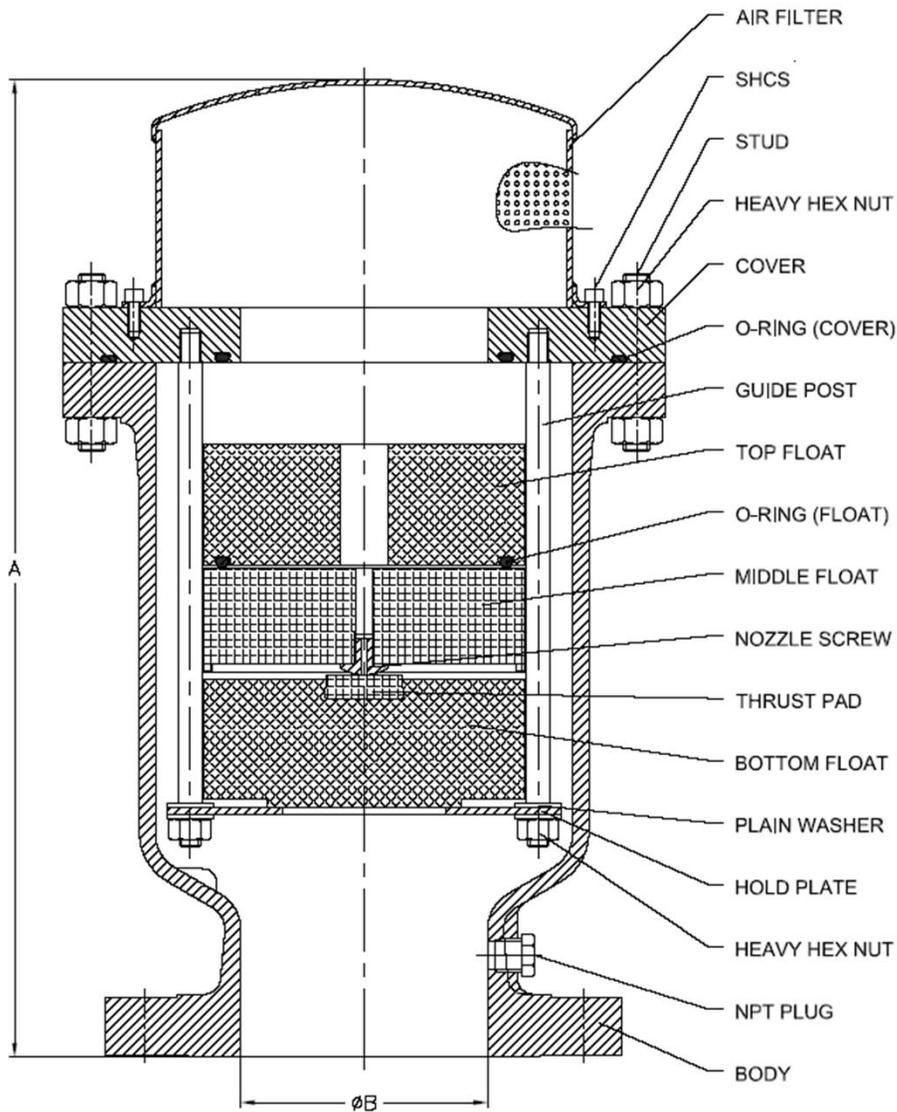


AIR RELEASE VALVE

ISO 9001 : 2015 / ISO 45001 : 2018 / ISO 14001 : 2015 /

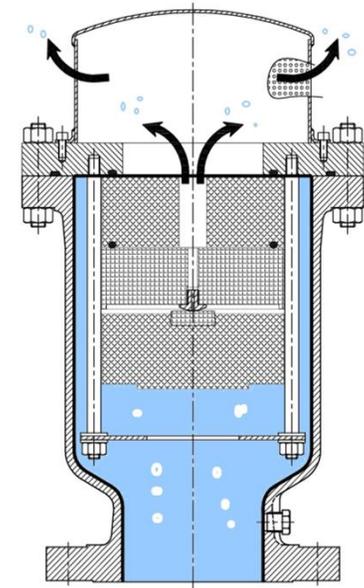
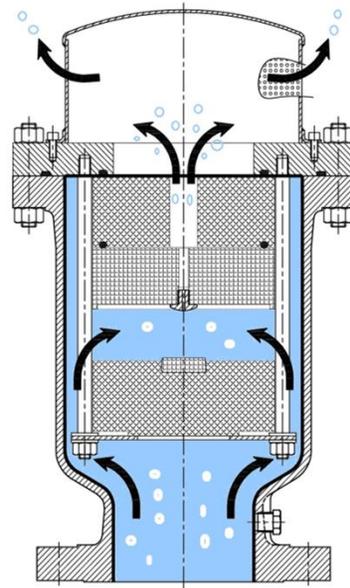
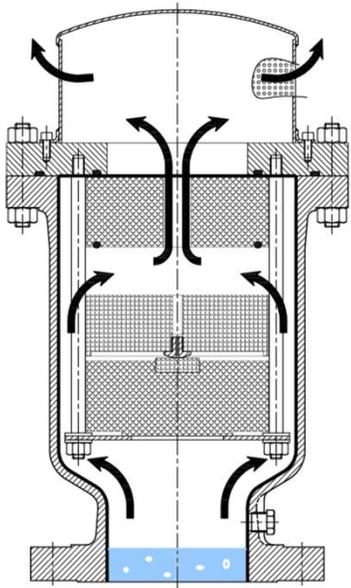
PED / API 6D / API 600 / API 603 / API 20A

GENERAL ASSEMBLY

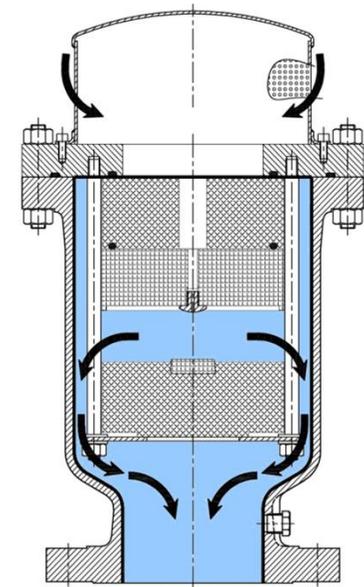
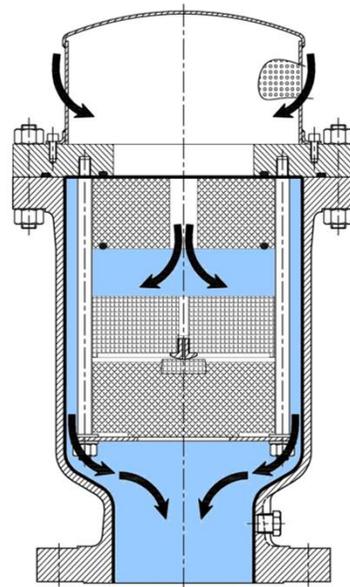
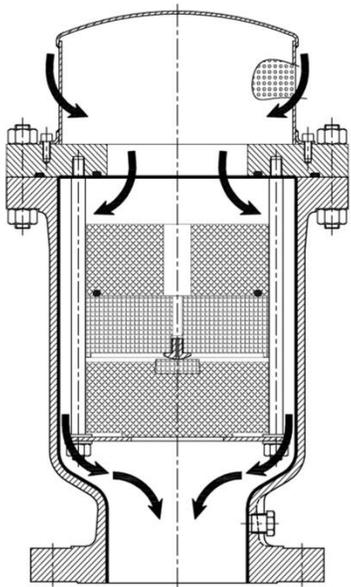


DESIGN SPECIFICATIONS

GENERAL VALVE DESIGN	SRV STANDARD
PRESSURE TEMPRATURE RATING	ASME B16.34 (STD)
WALL THICKNESS	ASME B16.34
FLANGE DESIGN	ASME B16.5
MATERIALS	ASTM (LISTED BELOW)
VALVE TESTING	SRV STANDARD



AIR RELEASE VALVE FLOW CYCLE



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	A 216-WCC	A 217-WC6	A 217-WC9	A 217-C5	C9	C12	A 352-LCB	A 352-LCC
NPT PLUG	A 479-410		A 479-410		A 479-410			A 276-304	
HEAVY HEX NUT	A 479-410		A 479-410		A 479-410			A 276-304	
HOLD PLATE	A 240-410		A 240-410		A 240-410			A 240-304	
PLAIN WASHER	A 240-410		A 240-410		A 240-410			A 240-304	
BOTTOM FLOAT	HDPE		HDPE		HDPE			HDPE	
THRUST PAD	VITON-A		VITON-A		VITON-A			VITON-A	
NOZZLE SCREW	A 479-410		A 479-410		A 479-410			A 276-304	
MIDDLE FLOAT	HDPE		HDPE		HDPE			HDPE	
O-RING (FLOAT)	VITON-A		VITON-A		VITON-A			VITON-A	
TOP FLOAT	HDPE		HDPE		HDPE			HDPE	
GUIDE POST	A 479-410		A 479-410		A 479-410			A 276-304	
O-RING (COVER)	VITON-A		VITON-A		VITON-A			VITON-A	
COVER	A 216-WCB	A 216-WCC	A 217-WC6	A 217-WC9	A 217-C5	C9	C12	A 352-LCB	A 352-LCC
HEAVY HEX NUT	A 194-Gr.2H		A 194-Gr.2H		A 194-Gr.2H			A 194-Gr.2H	
STUD	A 193-Gr.B7		A 193-Gr.B7		A 193-Gr.B7			A 193-Gr.B7	
SHCS	A 276-304		A 276-304		A 276-304			A 276-304	
AIR FILTER	A 240-304		A 240-304		A 240-304			A 240-304	

PART NAME	A 351-CF8	A 351-CF8M	A 351-CF3	CF3M	A 351-CG8M	CG3M	A 351-CF8C	CN7M
BODY	A 351-CF8	A 351-CF8M	A 351-CF3	A 351-CF3M	A 351-CG8M	A 351-CG3M	A 351-CF8C	A 351-CN7M
NPT PLUG	A 276-304	A 276-316	A 276-304L	A 276-316L	A 276-317	A 276-317L	A 276-347	ALLOY 20
HEAVY HEX NUT	A 276-304	A 276-316	A 276-304L	A 276-316L	A 276-317	A 276-317L	A 276-347	ALLOY 20
HOLD PLATE	A 240-304	A 240-316	A 240-304L	A 240-316L	A 240-317	A 240-317L	A 240-347	ALLOY 20
PLAIN WASHER	A 240-304	A 240-316	A 240-304L	A 240-316L	A 240-317	A 240-317L	A 240-347	ALLOY 20
BOTTOM FLOAT	HDPE		HDPE		HDPE		HDPE	
THRUST PAD	VITON-A		VITON-A		VITON-A		VITON-A	
NOZZLE SCREW	A 276-304	A 276-316	A 276-304L	A 276-316L	A 276-317	A 276-317L	A 276-347	ALLOY 20
MIDDLE FLOAT	HDPE		HDPE		HDPE		HDPE	
O-RING (FLOAT)	VITON-A		VITON-A		VITON-A		VITON-A	
TOP FLOAT	HDPE		HDPE		HDPE		HDPE	
GUIDE POST	A 276-304	A 276-316	A 276-304L	A 276-316L	A 276-317L	A 276-317L	A 276-347	ALLOY 20
O-RING (COVER)	VITON-A		VITON-A		VITON-A		VITON-A	
COVER	A 351-CF8	A 351-CF8M	A 351-CF3	A 351-CF3M	A 351-CG8M	A 351-CG3M	A 351-CF8C	A 351-CN7M
HEAVY HEX NUT	A 194-Gr.8		A 194-Gr.8	A 194-Gr.8M	A 194-Gr.8		A 194-Gr.8	A 194-Gr.8M
STUD	A 193-Gr.B8		A 193-Gr.B8	A 193-Gr.B8M	A 193-Gr.B8		A 193-Gr.B8	A 193-Gr.B8M
SHCS	A 276-304	A 276-316	A 276-304L	A 276-316L	A 276-317	A 276-317L	A 276-347	ALLOY 20
AIR FILTER	A 240-304	A 240-316	A 240-304L	A 240-316L	A 240-317	A 240-317L	A 240-347	ALLOY 20

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	A 995-6A	A 494 CZ100	M35-1	A 494 CW12MW	CW6MC
NPT PLUG	S31254	AL6XN	S31803	S32760	UNS N02200	UNS N04400	UNS N10002	UNS N06625
HEAVY HEX NUT	S31254	AL6XN	S31803	S32760	UNS N02200	UNS N04400	UNS N10002	UNS N06625
HOLD PLATE	S31254	AL6XN	S31803	S32760	UNS N02200	UNS N04400	UNS N10002	UNS N06625
PLAIN WASHER	S31254	AL6XN	S31803	S32760	UNS N02200	UNS N04400	UNS N10002	UNS N06625
BOTTOM FLOAT	HDPE		HDPE		HDPE		HDPE	
THRUST PAD	VITON-A		VITON-A		VITON-A		VITON-A	
NOZZLE SCREW	S31254	AL6XN	S31803	S32760	UNS N02200	UNS N04400	UNS N10002	UNS N06625
MIDDLE FLOAT	HDPE		HDPE		HDPE		HDPE	
O-RING (FLOAT)	VITON-A		VITON-A		VITON-A		VITON-A	
TOP FLOAT	HDPE		HDPE		HDPE		HDPE	
GUIDE POST	S31254	AL6XN	S31803	S32760	UNS N02200	UNS N04400	UNS N10002	UNS N06625
O-RING (COVER)	VITON-A		VITON-A		VITON-A		VITON-A	
COVER	A 351-CK3MCuN	CN3MN	A 995-4A	A 995-6A	A 494 CZ100	M35-1	A 494 CW12MW	CW6MC
HEAVY HEX NUT	A 194-Gr.8M		A 194-Gr.8M		A 194-Gr.8M		A 194-Gr.8M	A 194-Gr.8M
STUD	A 193-Gr.B8M		A 193-Gr.B8M		A 193-Gr.B8M		A 193-Gr.B8M	A 193-Gr.B8M
SHCS	S31254	AL6XN	S31803	S32760	UNS N02200	UNS N04400	UNS N10002	UNS N06625
AIR FILTER	S31254	AL6XN	S31803	S32760	UNS N02200	UNS N04400	UNS N10002	UNS N06625

NOTES-

ANY GRADES IN ASTM A216 , A217 , A351 , A352 , A487 , A494 , A743 ,
A747 & A995 CAN BE OFFERED LIKE GIVEN IN THE TABLE

DIMENSION

#150	SIZE	INCH	2	3	4	6	8	10	12
		mm	50	80	100	150	200	250	300
	A	INCH	12.95	15.28	16.97	24.8	24.80	32.28	36.50
		mm	329.0	388.0	431.0	630	630.0	820.0	927.0
	ØB	INCH	2.00	3.00	4.00	6.00	8.00	10.00	12.00
		mm	50.8	76.2	101.6	152.4	203.2	254	304.2

#300	SIZE	INCH	2	3	4	6	8	10	12
		mm	50	80	100	150	200	250	300
	A	INCH	12.95	15.28	16.97	22.83	24.80	32.28	36.50
		mm	329.0	388.0	431.0	580.0	680	820.0	927.0
	ØB	INCH	2.00	3.00	4.00	6.00	8.00	10.00	12.00
		mm	50.8	76.2	101.6	152.4	203.2	254	304.2

#600	SIZE	INCH	2	3	4	6	8
		mm	50	80	100	150	200
	A	INCH	12.95	15.28	16.97	22.83	24.80
		mm	329.0	388.0	431.0	580.0	680
	ØB	INCH	2.00	3.00	4.00	6.00	8.00
		mm	50.8	76.2	101.6	152.4	203.2

#900	SIZE	INCH	2	3	4	6	8
		mm	50	80	100	150	200
	A	INCH	14.00	15.28	16.97	22.83	24.80
		mm	357.3	388.0	431.0	580.0	680
	ØB	INCH	2.00	3.00	4.00	6.00	8.00
		mm	50.8	76.2	101.6	152.4	203.2

#1500	SIZE	INCH	2	3	4	6
		mm	50	80	100	150
	A	INCH	14.00	15.28	16.97	22.83
		mm	357.3	388.0	431.0	580.0
	ØB	INCH	2.00	3.00	4.00	6.00
		mm	50.8	76.2	101.6	152.4

VALVES WORKING WELL ON LINE IN OUR CUSTOMER PLACE FOR OVER 2 YEARS



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