

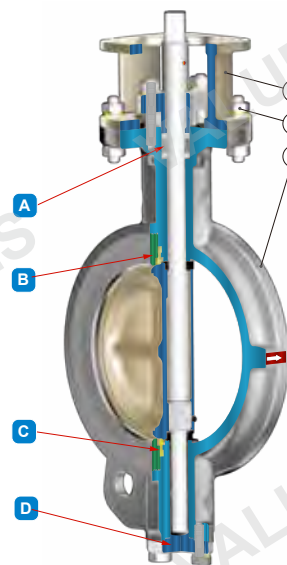
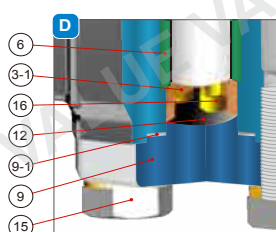
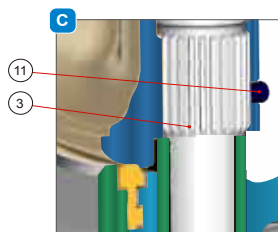
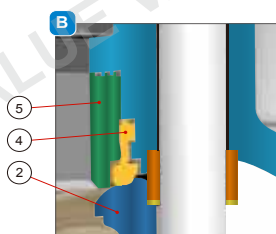
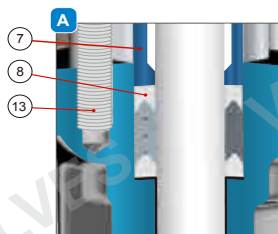
VF-94_A Series

SOFT SEAT

Suitable for applications in petrochemical and food industries at ambient temperatures.

ANSI CLASS 300LB I ISO PN 40~PN 50 I JIS 30K 40K

PARTS AND MATERIALS



No.	NAME	MATERIAL	SPECIFICATION		REMARK/SPARE PARTS*	
			JIS	ASTM		
1	BODY	CARBON STEEL	SC480	A216 Gr. WCB		
		STAINLESS STEEL	SCS 13A	A351 Gr. CF8		
			SCS 14A	A351 Gr. CF8M		
			SCS 16A	A351 Gr. CF3M		
2	DISC	STAINLESS STEEL	SCS 13A SCS 14A SCS 16A	A351 Gr. CF8 A351 Gr. CF8M A351 Gr. CF3M	Disc edge equipped with hard chrome plated	
3	SHAFT	STAINLESS STEEL	SUS 304	A182 Gr. F304	Shaft Equipped With Hard Chrome Plated	
3-1	SHAFT STOP		SUS 316	A182 Gr. F316		
			630SS	A564 Gr. 630		
			XM-19	A479 Gr. XM-19		
4	SOFT SEAT	PTFE+15%GLASS FIBER	RTFE		-29°C ~180°C (-20 °F ~356 °F)	
		PTFE+15%GRAPHITE	RTFE		-29°C ~210°C (-20 °F ~410 °F)	
		TFM	TFM		-100°C ~260°C (-148 °F ~500 °F)	
5	RETAINER	STAINLESS STEEL	SCS 13A SCS 14A SCS 16A	A351 Gr. CF8 A351 Gr. CF8M A351 Gr. CF3M		
		6	BUSHING	STAINLESS STEEL+RTFE		*
		7	GLAND	STAINLESS STEEL	SCS 13A SCS 14A SCS 16A	A351 Gr. CF8 A351 Gr. CF8M A351 Gr. CF3M
8	GLAND PACKING	PTFE			*-29°C ~160°C (-20 °F ~320 °F)	
		RTFE			*-29°C ~210°C (-20 °F ~410 °F)	
9	BOTTOM COVER	STAINLESS STEEL	SCS 13A SCS 14A SCS 16A	A351 Gr. CF8 A351 Gr. CF8M A351 Gr. CF3M		
		CARBON STEEL	SC480	A216 Gr. WCB		
		9-1	BOTTOM COVER GASKET	PTFE		*
				RPFE		
10	YOKE	DUCTILE IRON	FCD 450	A536 Gr. 65-45-12		
		CARBON STEEL	SC480	A216 Gr. WCB		
11	STOP STUD	STAINLESS STEEL	SUS 316	A193 Gr. B8M	*	
12	LOCK PLATE	RTFE+316SS			*	
13	STUD	STAINLESS STEEL	SUS 304	A193 Gr. B8		
14	NUT	STAINLESS STEEL	SUS 304	A194 Gr. 8		
15	BOLT	STAINLESS STEEL	SUS 304	A193 Gr. B8		

Remark

SHAFT (3) - One-Piece design with ISO 5211 square drive and key way drive.

SOFT SEAT (4) - Pressure assisted to give Bi-directional bubble tight shutoff at all pressures.

RETAINER (5) - Patented design of twin threads, ensures an un-interrupted sealing face.(Valve must be installed with retaining ring upstream for dead end service.)

GLAND PACKING (8)- Multiply Row of Teflon Chevron.

YOKE(10) - Materials A216 Gr. WCB is only available for F16 and below ; A536 65-45-12 for F25 and above. Investment Cast, per ISO 5211.

LOCK PLATE(12)- Anti blow out shaft and Anti static design.

Each materials can provide on different process of customer's requirements.

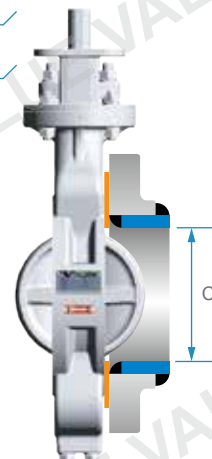
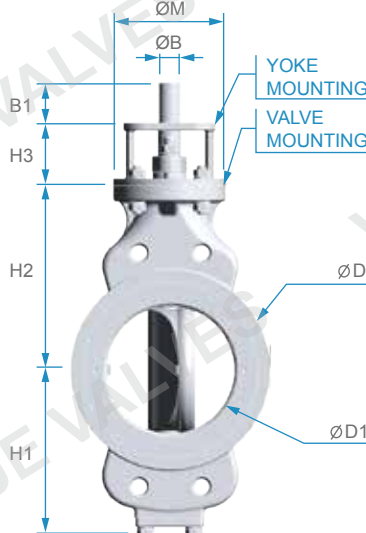
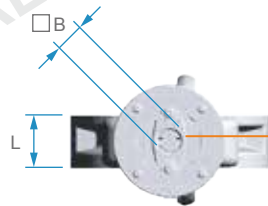
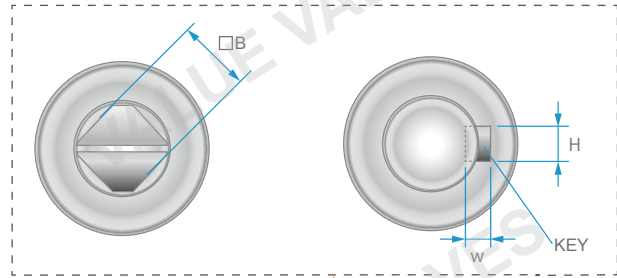
" * " Value Valves offer high quality replacement parts for our own product.

Material

VF-940A VF-950A VF-960A WAFER TYPE

ANSI CLASS 300LB I ISO PN 40~PN 50 I JIS 30K 40K

DIMENSIONS



Unit : mm

Size		Face to Face	Dimensions								Mounting Flange (ISO 5211)					Shaft End					Suitable Pipe Flange	Weight
											VALVE		YOKE									
mm	Inch	L	H1	H2	H3	φD	φD1	C	C1	Type	φM	Type	M1	φB	□B	B1	KEY(HxW)	★	kg			
50	2	43	99	118	60	92	38	19	2	F07	90	F07	F05	70	14	11	18	-	LMN	4		
65	2.5	46	111	125	60	108	63	56	15	F07	90	F07	F05	70	14	11	18	-	LMN	5		
80	3	47	128	140	70	126	78	74	22	F10	125	F10	F07	102	18	14	23	-	LMNO	8		
100	4	53	150	157	70	153	95	86	25	F10	125	F10	F07	102	18	14	23	-	LMNO	9		
125	5	57	163	170	70	184	118	112	36	F10	125	F10	F07	102	22	17	23	-	LMN	12		
150	6	59	185	205	70	222	145	132	42	F10	125	F10	F07	102	25	-	45	8*8	LMNO	24		
200	8	73	230	260	80	268	186	177	61	F12	150	F12	F10	125	32	-	55	8*8	LMNO	37		
250	10	83	266	295	100	326	233	225	79	F14	175	F14	F12	160	38	-	60	10*8	LMN	54		
300	12	92	300	325	100	381	280	270	98	F14	175	F14	F12	160	45	-	65	12*8	LMNOP	76		
350	14	117	330	365	120	416	318	303	105	F16	210	F16	F14	195	50	-	80	16*10	LMN	109		
400	16	133	368	400	120	482	370	350	122	F16	210	F16	F14	195	60	-	80	18*12	LMNOP	134		
450	18	149	385	440	120	550	413	403	137	F16	210	F16	F14	195	65	-	80	18*12	LMN	213		
500	20	159	427	470	150	592	466	443	157	F25	300	F25	-	300	75	-	110	20*12	LMN	276		
600	24	181	516	563	150	725	566	541	196	F30	350	F30	-	350	80	-	120	24*16	LMN	451		
★	L : ASME 300LB M : ISO PN40 N:ISO PN50 O : JIS 30K P : JIS 40K																	Inside Pipe Diameter > C				

Note: VF-95_ and VF-96_ Series, 14" and above please contact to Value Valves.