



APPLICABLE STANDARD		TESTING DETAILS	
Design&Manufacture	AWWA C504	DESCRIPTION	TEST PRESSURE
End Connection	ASME B16.1 CL125	SHELL TEST	300PSI
Working Temperature	32°F -176°F	SEAT TEST	150PSI
Medium	Water		



Part No.	Description	Material Specification
1	Gland	Stainless Steel SS316
2	Top Bearing	Fiberglass Resin Bock+Teflon Lined
3	Body	Ductile Iron ASTM A536 65-45-12
4	Hex Bolt	Stainless Steel SS316
5	Washer	Stainless Steel SS316
6	Upper Stem	Stainless Steel SS316
7	Disc	Ductile Iron ASTM A536 65-45-12
8	Bottom Stem	Stainless Steel SS316
9	Taper Pin	Stainless Steel SS630
10	Bottom Bearing	Fiberglass Resin Bock+Teflon Lined
11	Countersunk Head Screws	Stainless Steel SS316
12	O-Ring	Rubber EPDM
13	Hex Bolt	Stainless Steel SS316
14	Washer	Stainless Steel SS316
15	Bottom Cover	Carbon Steel 45#
16	Thrust Ring	Bronze ASTM B62 C83600
17	Set Screw	Stainless Steel SS316
18	Hex Bolt	Stainless Steel SS316
19	Washer	Stainless Steel SS316
20	Seat Retaining Segment	Stainless Steel ASTM A351 CF8M
21	Body Seat	Stainless Steel SS316
22	Disc Seat	Rubber EPDM
23	O-Ring	Rubber EPDM
24	Support Ring	PTFE
25	V-Packing	Rubber EPDM
26	GearBox	

Item.No	Dimensions(Inch)									ØS
	Size	L	H1	H2	ØD	ØK	n-Ød	NxM	C	
JKBVFF24	24"	8.00	18.90	18.31	32.00	29.50	16x1 3/8"	4x1 1/4-7UNC	1.88	20.0
JKBVFF30	30"	12.00	22.44	21.84	38.75	36.00	24x1 3/8"	4x1 1/4-7UNC	2.12	24.0
JKBVFF36	36"	12.00	26.77	26.53	46.00	42.75	24x1 5/8"	8x1 1/2-6UNC	2.38	24.0
JKBVFF42	42"	12.00	29.88	30.00	53.00	49.50	28x1 5/8"	8x1 1/2-6UNC	2.62	24.0
JKBVFF48	48"	15.00	34.10	34.34	59.50	56.00	36x1 5/8"	8x1 1/2-6UNC	2.75	20.0
JKBVFF54	54"	15.00	38.58	38.23	66.25	62.75	36x2"	8x1 3/4-5UNC	3.00	32.0
JKBVFF60	60"	15.00	41.34	41.76	73.00	69.25	44*2"	8x1 3/4-5UNC	3.12	28.0
JKBVFF66	66"	18.00	46.06	46.85	80.00	76.00	44*2"	8x1 3/4-5UNC	3.38	28.0
JKBVFF72	72"	18.00	50.00	49.12	86.50	82.50	52*2"	8x1 3/4-5UNC	3.50	32.0

DESCRIPTION	Proj.	JKBVFF-001	
AWWA C504 Flanged Butterfly Valve JKBVFF 150PSI 24-72IN	DWG#	REV.	
	JKF-001	0	
	DWN	APPR.	DATE
	CINDY	KUHN HU	3-7-2025