



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	Gear Box	
2	Sunk screw	Stainless Steel 316
3	Top Bearing	Fiberglass resin bock+Teflon lined
4	Hex Nut	Stainless Steel 316
5	Stem	Stainless Steel 316
6	Body	Ductile Iron ASTM A536 65-45-12
7	Bottom Bearing	Fiberglass resin bock+Teflon lined
8	Bottom Cover	Carbon Steel 45#
9	Hex Bolt	Stainless Steel 316
10	3"-8" O-Ring 10"-24" V-Ring	EPDM ASTM D2000
11	Body Seat	EPDM ASTM D2000
12	Disc	DI ASTM A536+Stainless Steel 316
13	Pin	Stainless Steel 630
14	O-Ring	EPDM ASTM D2000
15	V-Ring	EPDM ASTM D2000
16	Gland	Stainless Steel 316

DESCRIPTION	Proj.	KBFV150FF-001	
AWWA C504 Flanged Butterfly Valve	DWG#	KBFV-002	
	REV.	0	
	DWN	APPR.	DATE
	CINDY	KUHN HU	3-7-2025

CUSTOMER			
PAGE NO	1 of 1	For special material requests beyond the standard specifications, please clearly note them on your inquiry or order form.	

Item No.	Dimensions(Inch)									ØS
	Size	L	H1	H2	ØD	ØK	n-Ød	N-M	C	
KBFV150-FF03	3"	5.00	5.50	3.75	7.50	6.00	4x3/4"	/	0.75	8
KBFV150-FF04	4"	5.00	6.30	4.50	9.00	7.50	8 x3/4"	/	0.94	8
KBFV150-FF06	6"	5.00	8.00	5.50	11.00	9.50	8 x7/8"	/	1.00	8
KBFV150-FF08	8"	6.00	8.70	6.90	13.50	11.75	8 x7/8"	/	1.12	8
KBFV150-FF10	10"	8.00	10.24	8.00	16.00	14.25	12 x1"	/	1.19	8
KBFV150-FF12	12"	8.00	11.50	9.50	19.00	17.00	12 x1"	/	1.25	8
KBFV150-FF14	14"	8.00	13.40	12.00	21.00	18.75	12 x1 1/8"	/	1.38	20
KBFV150-FF16	16"	8.00	15.35	13.00	23.50	21.25	12 x1 1/8"	4x1-8UNC	1.44	20
KBFV150-FF18	18"	8.00	15.16	14.20	25.00	22.75	12 x1 1/4"	4x1 1/8-7UNC	1.56	20
KBFV150-FF20	20"	8.00	17.13	15.40	27.50	25.00	16 x1 1/4"	4x1 1/8-7UNC	1.69	20
KBFV150-FF24	24"	8.00	19.69	18.90	32.00	29.50	16 x1 3/8"	4x1 1/4-7UNC	1.88	20