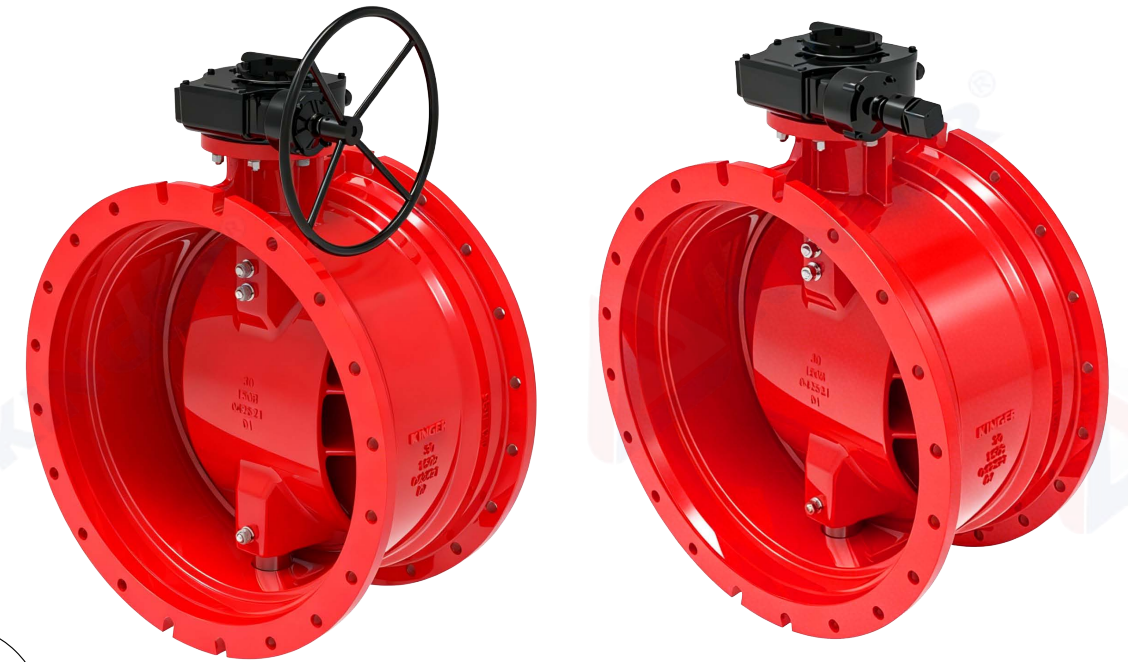
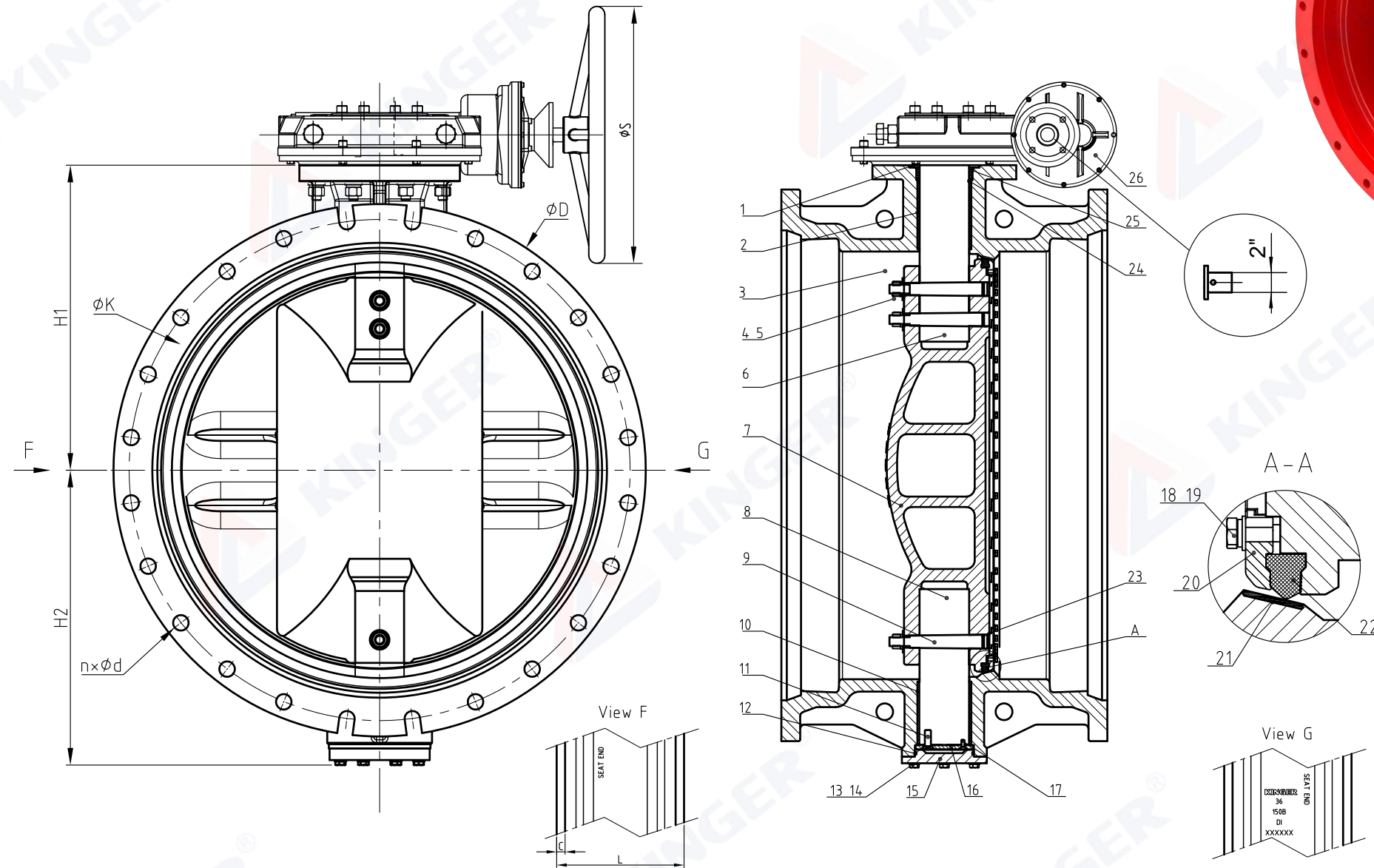


APPLICABLE STANDARD	
Design&Manufacture	AWWA C504
End Connection	ANSI/AWWA C153/A21.53
Working Temperature	32°F-176°F
Medium	Water

TESTING DETAILS	
DESCRIPTION	TEST PRESSURE
SHELL TEST	300PSI
SEAT TEST	150PSI



Part No.	Description	Material Specification
1	Gland	Stainless Steel 316
2	Top Bearing	Fiberglass Resin Bock+Teflon Lined
3	Body	Ductile Iron ASTM A536 65-45-12
4	Hex Bolt	Stainless Steel 316
5	Washer	Stainless Steel 316
6	Upper Stem	Stainless Steel 316
7	Disc	Ductile Iron ASTM A536 65-45-12
8	Bottom Stem	Stainless Steel 316
9	Taper Pin	Stainless Steel 630
10	Bottom Bearing	Fiberglass Resin Bock+Teflon Lined
11	Countersunk Head Screws	Stainless Steel 316
12	O-Ring	Rubber EPDM
13	Hex Bolt	Stainless Steel 316
14	Washer	Stainless Steel 316
15	Bottom Cover	Carbon Steel 45#
16	Thrust Ring	Bronze ASTM B62 C83600
17	Set Screw	Stainless Steel 316
18	Hex Bolt	Stainless Steel 316
19	Washer	Stainless Steel 316
20	Seat Retaining Segment	Stainless Steel ASTM A351 CF8M
21	Body Seat	Stainless Steel 316
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	C	
JKBVM24	24"	8.00	18.90	18.31	31.58	29.50	16X7/8"	1.02	20
JKBVM30	30"	12.00	22.44	21.84	39.12	36.00	20X1 1/8"	1.31	24
JKBVM36	36"	12.00	26.77	26.53	46.00	42.75	24X1 1/8"	1.45	24
JKBVM42	42"	12.00	29.88	30.00	53.12	49.50	28X1 3/8"	1.45	24
JKBVM48	48"	15.00	34.10	34.34	60.00	56.00	32X1 3/8"	1.45	20

DESCRIPTION	Proj.	JKBVM-001	
AWWA C504 Mechanical Butterfly Valve	DWG#	JKM-001	
	REV.	0	
	DWN	APPR.	DATE
	CINDY	KUHN HU	3-7-2025