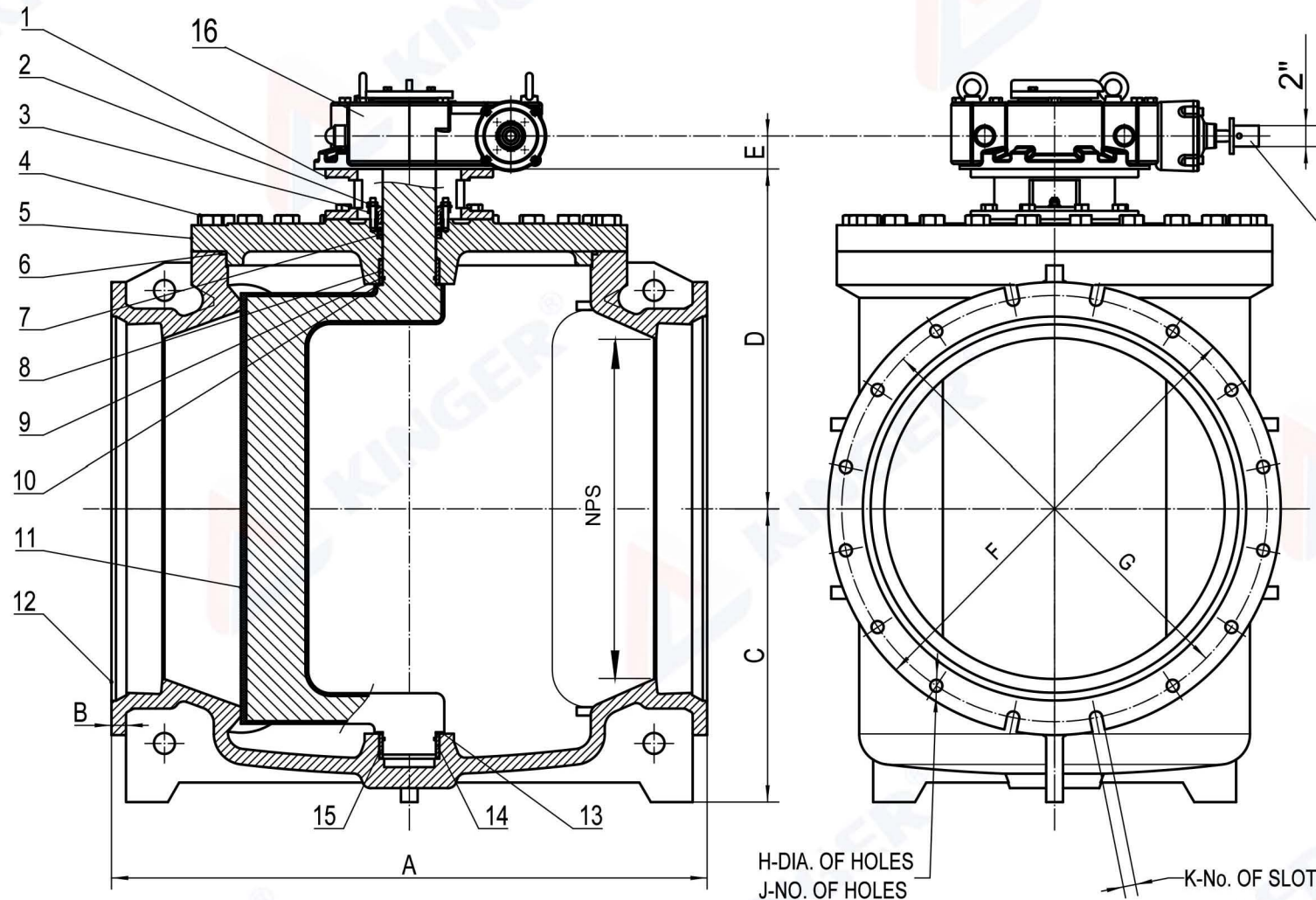
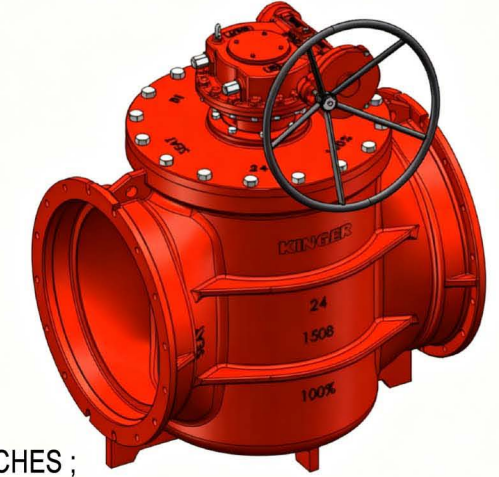
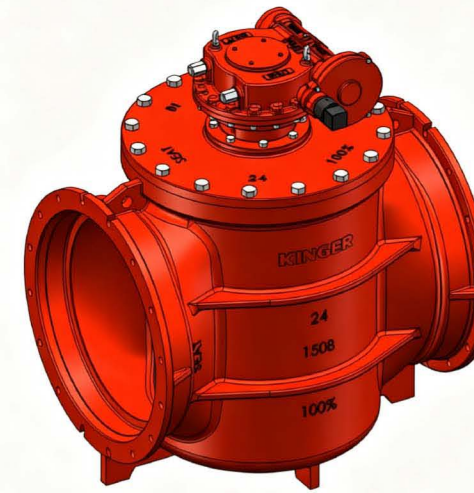


Item No.	NPS	Dimensions(Inch)										ØS
		A	C	D	E	F	G	B	H	J	K	
MPL150-GH14	14"	24.50	13.11	17.00	2.00	20.25	18.75	0.79	0.875	6	4	24
MPL150-GH16	16"	27.25	14.37	17.70	2.00	22.50	21.00	0.85	0.875	8	4	24
MPL150-GH18	18"	29.25	15.95	19.10	3.15	24.83	23.25	1.00	0.875	8	4	20
MPL150-GH20	20"	31.00	16.62	20.00	3.54	27.08	25.50	1.02	0.875	10	4	24
MPL150-GH24	24"	42.00	20.67	23.30	3.98	31.58	30.00	1.02	0.875	12	4	24

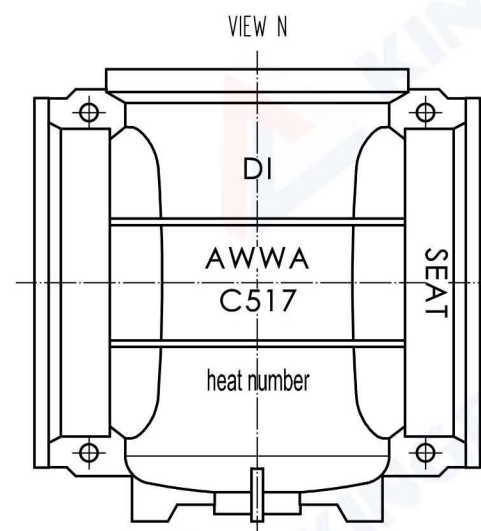
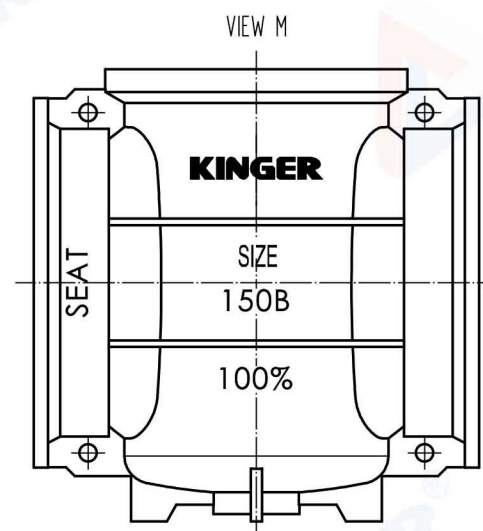
Specification			
Cold Working Pressure (CWP)	150	PSI	
Test Pressure	Shell Test(Hyd.)		225
	Seal Test(Hyd.)		150
	Reverse Pressure Test(Hyd.)	150	
Working Temperature	32°F -176°F		
Medium	Water		



NOTES:

1. ALL DIMENSIONS ARE IN INCHES ;
2. DESIGN STANDARD PER AWWA C517 ;
3. MECHANICAL JOINT STANARD PER AWWA C153/A21.53;

Part No.	Description	Material Specification
1	Adapter	Ductile Iron ASTM A536 65-45-12
2	Gland Fastener	Stainless Steel SS316
3	Gland	Ductile Iron ASTM A536 65-45-12
4	Bolts	Stainless Steel SS316
5	Bonnet	Ductile Iron ASTM A536 65-45-12
6	O-Ring	NBR ASTM D2000
7	"V" Packing	NBR ASTM D2000
8	Sleeve Bearing	Stainless Steel SS316
9	Grit Seal	NBR ASTM D2000
10	Thrust Washer	PTFE
11	Plug	DI ASTM A536 65-45-12+NBR ASTM D2000
12	Body	Ductile Iron ASTM A536 65-45-12+Ni Welded Seat
13	Thrust Washer	PTFE
14	Grit Seal	NBR ASTM D2000
15	Sleeve Bearing	Stainless Steel SS316
16	Worm Gear	Assembly

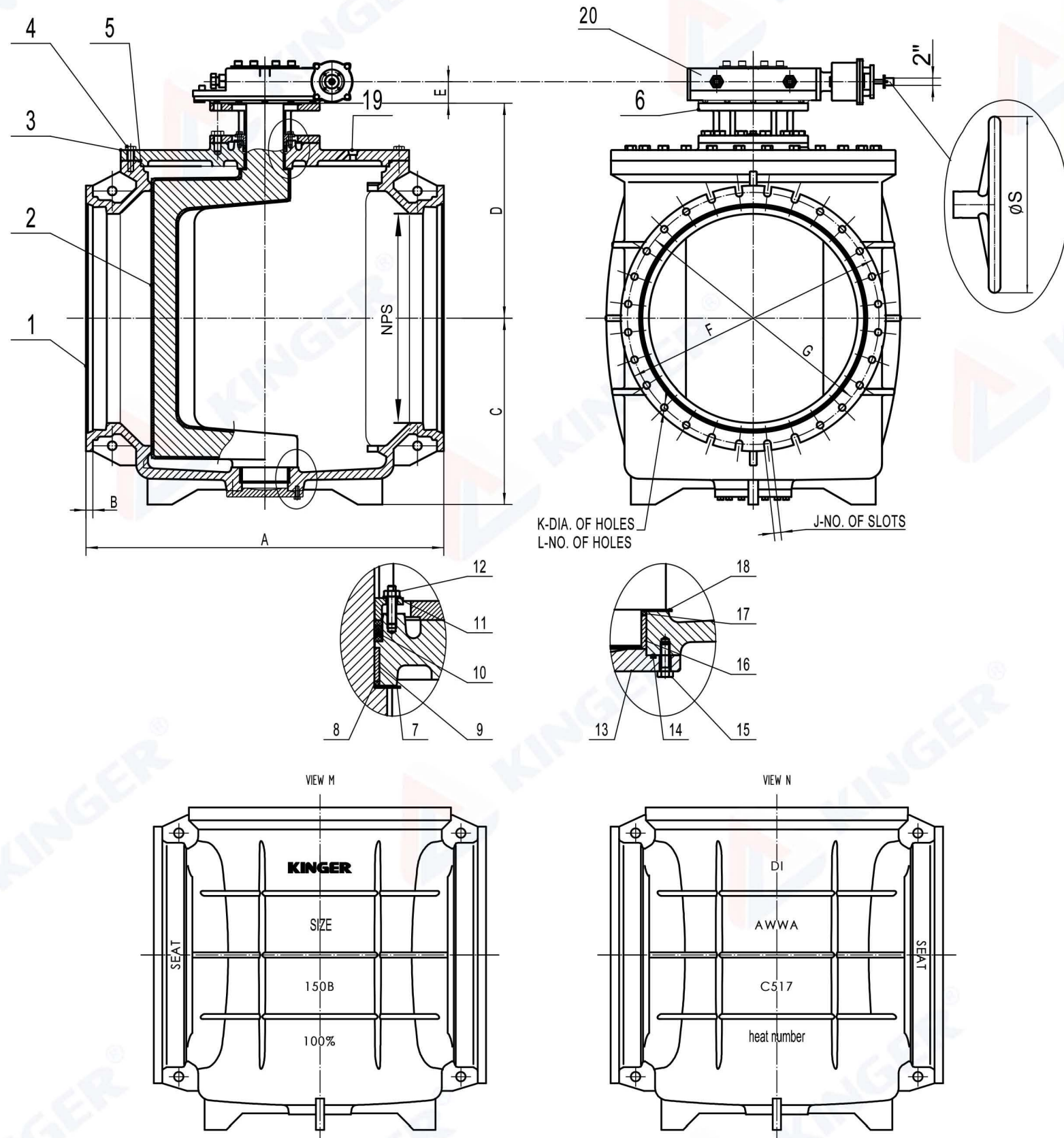
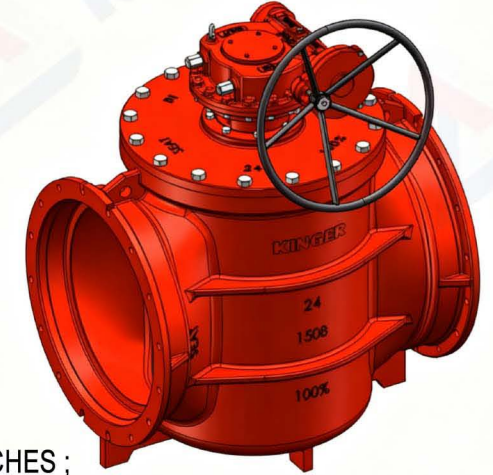
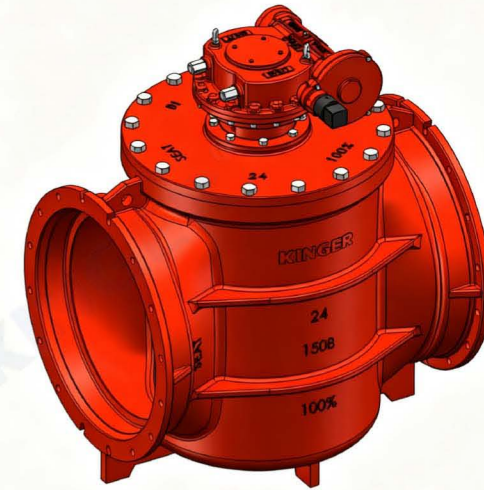


DESCRIPTION	Proj.	MPL150-GH	
AWWA C517 Mechanical Joint Eccentric Plug Valve 14-24IN	DWG#	MPL-003	REV. 1
	DWN	APPR.	DATE
	CINDY	KUHN	9/23/2021

CUSTOMER	
PAGE NO.	
<small>KINGER RESERVES THE RIGHT TO CHANGE DESIGN & MATERIAL WITHOUT PRIOR NOTICE PLEASE CONNECT KINGER FOR UPDATED DATA BEFORE PLACING THE ORDER.</small>	

Item No.	NPS	Dimensions(Inch)										ØS
		A	C	D	E	F	G	B	J	K	L	
MPL150-GH30	30"	51.00	26.57	30.12	5.12	39.12	36.88	1.31	8	1.125	12	27.5
MPL150-GH36	36"	60.00	30.91	34.41	5.47	46.00	43.75	1.45	8	1.125	16	27.5
MPL150-GH42	42"	72.00	37.40	43.26	6.77	53.12	50.62	1.45	8	1.375	20	35.5
MPL150-GH48	48"	84.00	44.10	49.97	7.36	60.00	57.50	1.45	8	1.375	24	31.5
MPL150-GH54	54"	96.00	43.31	50.70	7.36	65.70	63.20	1.55	8	1.375	28	31.5

Specification			
Cold Working Pressure (CWP)	150	PSI	
Test Pressure	Shell Test(Hyd.)		225
	Seal Test(Hyd.)		150
Reverse Pressure Test(Hyd.)	150		
Working Temperature	32°F -176°F		
Medium	Water		



NOTES:

1. ALL DIMENSIONS ARE IN INCHES ;
2. DESIGN STANDARD PER AWWA C517 ;
3. MECHANICAL JOINT STANARD PER AWWA C153/A21.53;

Part No.	Description	Material Specification
1	Body	Ductile Iron ASTM A536+95%Ni
2	Plug	DI ASTM A536 65-45-12+NBR ASTM D2000
3	Bonnet	Ductile Iron ASTM A536 65-45-12
4	Bonnet Bolts	Stainless Steel SS316
5	O-Ring	NBR ASTM D2000
6	Adapter	Ductile Iron ASTM A536 65-45-12
7	Upper Thrust Washer	PTFE
8	Upper Grit Exuluder Seal	NBR ASTM D2000
9	Upper Shaft Bearing	Stainless Steel SS316
10	"V" Packing	NBR ASTM D2000
11	Gland	Ductile Iron ASTM A536 65-45-12
12	Gland Fastener	Stainless Steel SS316
13	Bottom Cover	Ductile Iron ASTM A536 65-45-12
14	Bottom Cover O-Ring	NBR ASTM D2000
15	Bottom Cover Bolts	Stainless Steel SS316
16	Lower Shaft Bearing	Stainless Steel SS316
17	Lower Grit Exuluder Seal	NBR ASTM D2000
18	Lower Thrust Washer	C95400
19	Pipe Plug	Stainless Steel SS316
20	Worm Gear	Assembly

DESCRIPTION	Proj.	MPL150-GH	
AWWA C517 Mechanical Joint Eccentric Plug Valve 30-54IN	DWG#	MPL-004	REV. 1
	DWN	APPR.	DATE
	CINDY	KUHN	9/23/2021