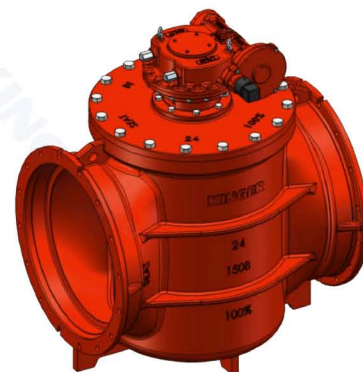
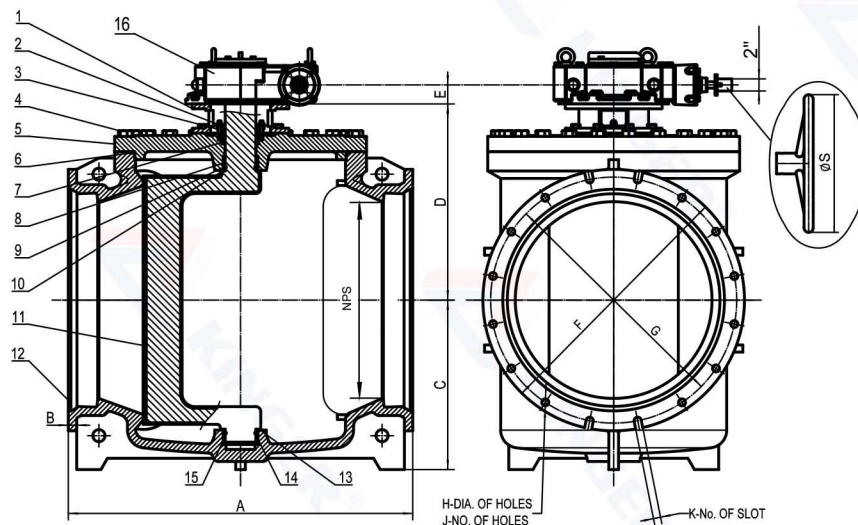
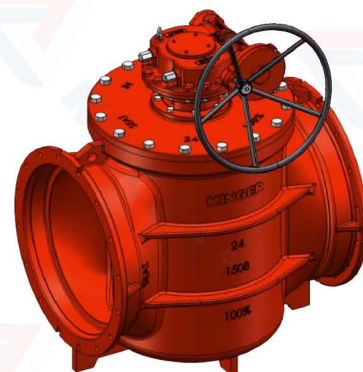


AWWA C517 Mechanical Joint Eccentric Plug Valve(MPL150-GH)



With Wrench Nut



With Hand Wheel

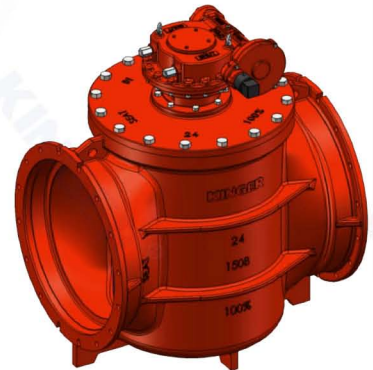
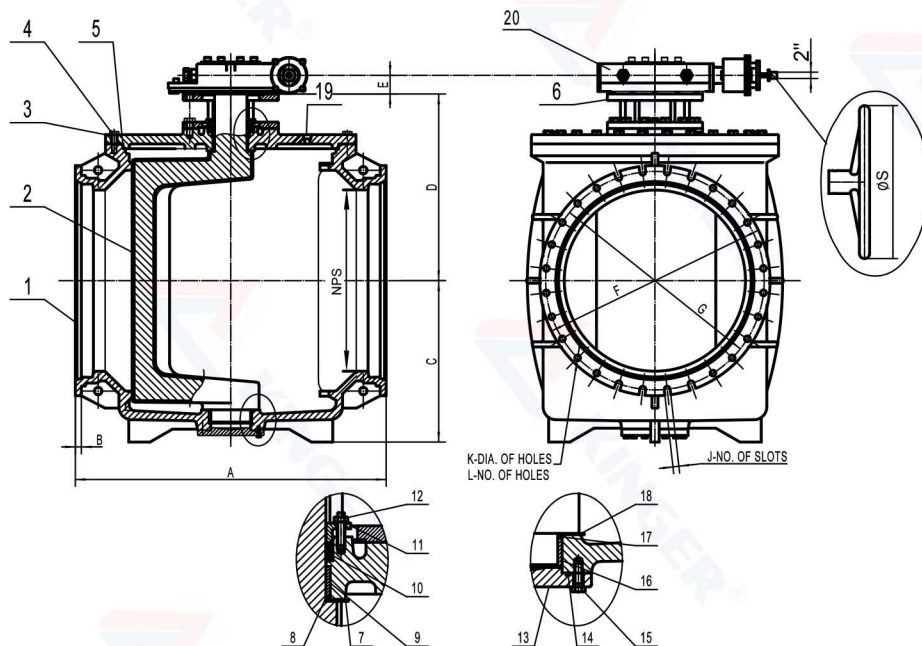
MATERIAL SPECIFICATION

Part No.	Description	Material Specification	Options
1	Adapter	Ductile Iron ASTM A536 65-45-12	
2	Gland Fastener	Stainless Steel SS316	Stainless Steel SS304
3	Gland	Ductile Iron ASTM A536 65-45-12	
4	Bolts	Stainless Steel SS316	Stainless Steel SS304
5	Bonnet	Ductile Iron ASTM A536 65-45-12	
6	O-Ring	NBR ASTM D2000	EPDM ASTM D2000
7	"V" Packing	NBR ASTM D2000	EPDM ASTM D2000
8	Sleeve Bearing	Stainless Steel SS316	
9	Grit Seal	NBR ASTM D2000	EPDM ASTM D2000
10	Thrust Washer	PTFE	
11	Plug	DI ASTM A536 65-45-12+NBR ASTM D2000	ASTM A536 65-45-12+EPDM
12	Body	Ductile Iron ASTM A536 65-45-12+Ni Welded Seat	
13	Thrust Washer	PTFE	
14	Grit Seal	NBR ASTM D2000	EPDM ASTM D2000
15	Sleeve Bearing	Stainless Steel SS316	
16	Worm Gear	Assembly	

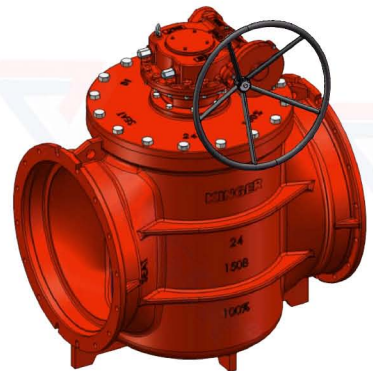
Note: For special material request other than standard specification, please indicate clearly on the inquiry or order list.
Both the hand wheel and the wrench are applicable.

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

AWWA C517 Mechanical Joint Eccentric Plug Valve(MPL150-GH)



With Wrench Nut



With Hand Wheel

MATERIAL SPECIFICATION

Part No.	Description	Material Specification	Options
1	Body	Ductile Iron ASTM A536 65-45-12+Ni Welded Seat	
2	Plug	DI ASTM A536 65-45-12+NBR ASTM D2000	ASTM A536 65-45-12+EPDM
3	Bonnet	Ductile Iron ASTM A536 65-45-12	
4	Bonnet Bolts	Stainless Steel SS316	Stainless Steel SS304
5	O-Ring	NBR ASTM D2000	EPDM ASTM D2000
6	Adapter	Ductile Iron ASTM A536 65-45-12	
7	Upper Thrust Washer	PTFE	
8	Upper Grit Excluder Seal	NBR ASTM D2000	EPDM ASTM D2000
9	Upper Shaft Bearing	Stainless Steel SS316	
10	"V" Packing	NBR ASTM D2000	EPDM ASTM D2000
11	Gland	Ductile Iron ASTM A536 65-45-12	
12	Gland Fastener	Stainless Steel SS316	Stainless Steel SS304
13	Bottom Cover	Ductile Iron ASTM A536 65-45-12	
14	Bottom Cover O-Ring	NBR ASTM D2000	EPDM ASTM D2000
15	Bottom Cover Bolts	Stainless Steel SS316	Stainless Steel SS304
16	Lower Shaft Bearing	Stainless Steel SS316	
17	Lower Grit Excluder Seal	NBR ASTM D2000	EPDM ASTM D2000
18	Lower Thrust Washer	C95400	
19	Pipe Plug	Stainless Steel SS316	Stainless Steel SS304
20	Worm Gear	Assembly	

Note: For special material request other than standard specification, please indicate clearly on the inquiry or order list.
Both the hand wheel and the wrench are applicable.

- Design Standard: AWWA C517
- MJ Joint Standard: ANSI/AWWA C153/A21.53
- Working Pressure: 150 PSI
- Temperature Range: 32 °F-176 °F
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550

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