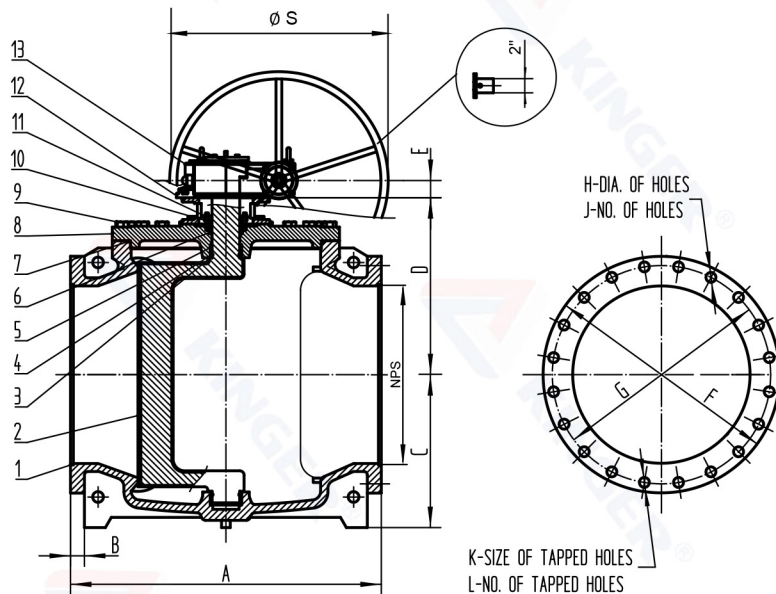


AWWA C517 Flanged Eccentric Plug Valve (KPL150-GH)



With Hand Wheel



With Wrench Nut

MATERIAL SPECIFICATION

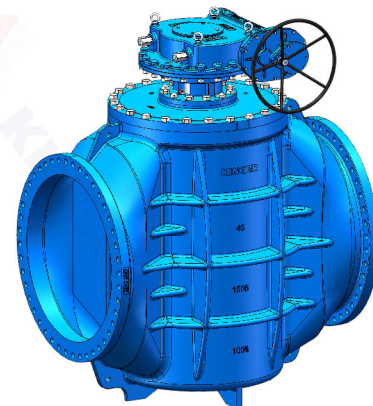
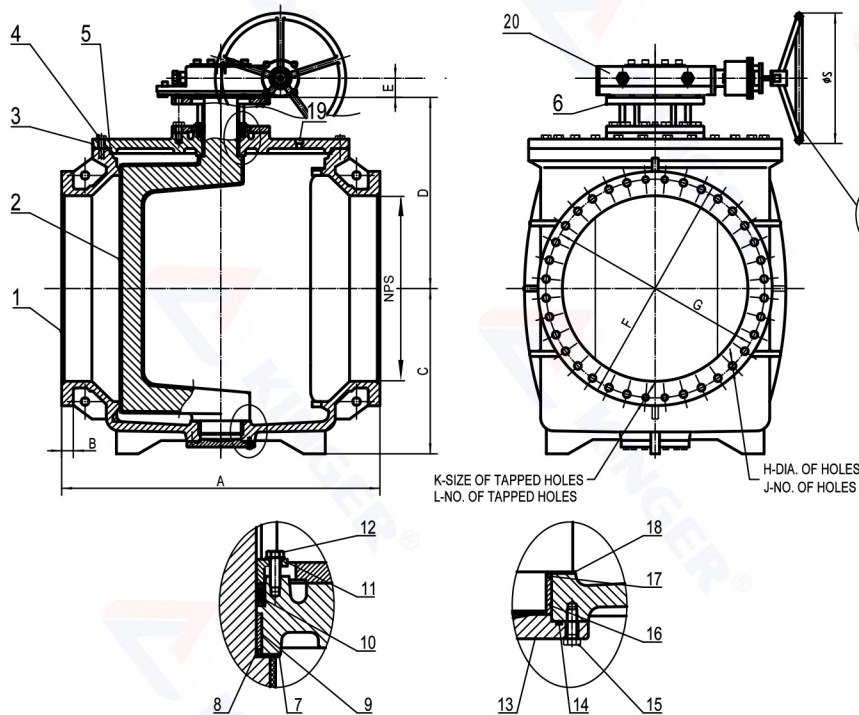
Part No.	Description	Material Specification	Options
1	Body	Ductile Iron ASTM A536 65-45-12+Ni Welded Seat	
2	Plug	DI ASTM A536 65-45-12+NBR ASTM D2000	ASTM A536 65-45-12+EPDM
3	Thrust Washer	PTFE	
4	Grit Seal	NBR ASTM D2000	EPDM ASTM D2000
5	Sleeve Bearing	Stainless Steel 316	Stainless Steel 304
6	"V" Packing	NBR ASTM D2000	EPDM ASTM D2000
7	O-Ring	NBR ASTM D2000	EPDM ASTM D2000
8	Bonnet	Ductile Iron ASTM A536	
9	Bonnet Bolt	Stainless Steel 316	Stainless Steel 304
10	Gland	Ductile Iron ASTM A536	
11	Gland Fastener	Stainless Steel 316	Stainless Steel 304
12	Gear Adapter	Ductile Iron ASTM A536	
13	Worm Gear	Assembly	

- Design Standard: AWWA C517
- Flanged Standard: ASME B16.1 CLASS 125
- Working Pressure: 150 PSI
- Temperature Range: 32 °F-176 °F
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550

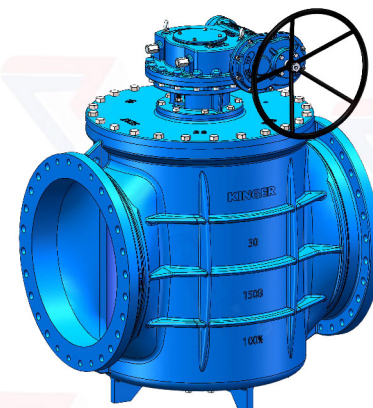
Note: For special material request other than standard specification, please indicate clearly on the inquiry or order list.
Both the hand wheel and the wrench are applicable.

Item No.	NPS	Dimensions(Inch)											ØS
		A	C	D	E	F	G	B	H	J	K	L	
KPL150-GH14	14"	17.00	13.11	17.00	2.00	21.00	18.75	1.38	1.125	8	1-8UNC	4	24
KPL150-GH16	16"	17.75	14.37	17.72	2.00	23.50	21.25	1.44	1.125	8	1-8UNC	8	24
KPL150-GH18	18"	21.50	15.95	19.10	3.15	25.20	22.75	1.56	1.250	8	1.125-7UNC	8	20
KPL150-GH20	20"	23.50	16.62	20.00	3.55	28.15	25.00	1.69	1.250	12	1.125-7UNC	8	24
KPL150-GH24	24"	42.00	20.67	23.30	3.98	32.00	29.50	1.88	1.375	20	N/A	N/A	24

AWWA C517 Flanged Eccentric Plug Valve (KPL150-GH)



48"-54"



30"-42"

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
- Flanged Standard: ASME B16.1 CLASS 125
- 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	H	J	K	L	
KPL150-GH30	30"	51.00	26.57	30.12	5.12	38.75	36.00	2.12	1.375	20	1.25-7UNC	8	27.5
KPL150-GH36	36"	60.00	30.91	34.41	5.47	46.00	42.75	2.38	1.625	24	1.5-6UNC	8	27.5
KPL150-GH42	42"	72.00	37.40	43.26	6.77	53.00	49.50	2.62	1.625	32	1.5-6UNC	4	35.5
KPL150-GH48	48"	84.00	44.10	49.97	7.36	59.50	56.00	2.75	1.625	40	1.5-6UNC	4	31.5
KPL150-GH54	54"	96.00	43.31	50.70	7.36	66.25	62.75	3.00	2.000	40	1.75-5UNC	4	31.5