



Valve Standard

Conforms to AWWA C515 / BS5163

Fusion bonded coating comply with AWWA C550

Sizes

14", 16", 18", 20", 24"

Working Pressure

For 14", 16", 18" - 250 PSI

For 20", 24" - 200 PSI

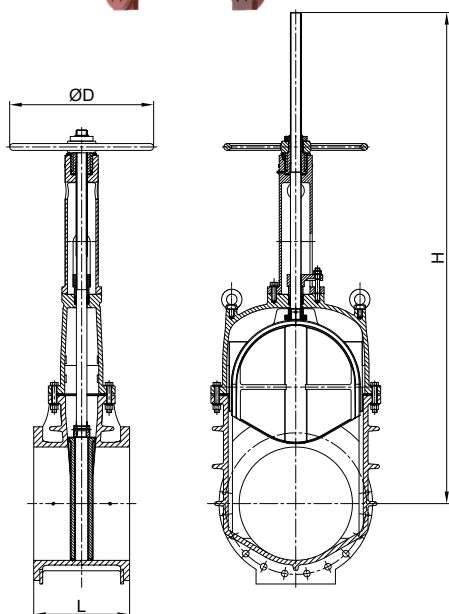
Working Temperature

-10°C to 120°C

Connection Ends

ANSI B 16.42

Class 150

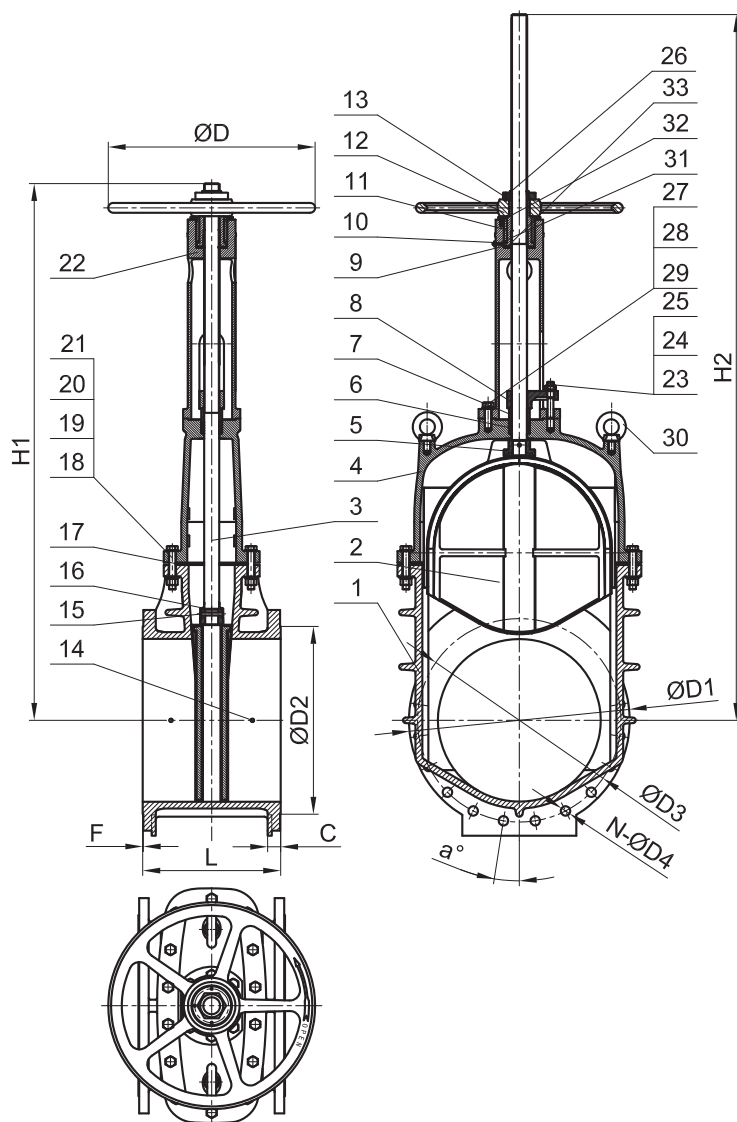


Materials List

Part Name	Material	Specification
Body	Ductile Iron	A536 65-45-12
Wedge	Ductile Iron EPDM Coated	
Wedge Nut	Stainless Steel	AISI304
Stem	Stainless Steel	AISI 304/420
Bonnet	Ductile Iron	A536 65-45-12
Gasket	EPDM	Commercial
Packing	PTFE	Non-asbestos
Stem Nut	Bronze	ASTM B62
Handwheel	Ductile Iron	A536 65-45-12

Dimensions (mm/inch)

SIZE	mm	inch	350	400	450	500	600
			14	16	18	20	24
L	mm	inch	381	406	432	457	508
			15.00	15.98	17.01	17.99	20.00
H	mm	inch	1577	1800	2048	2297	2600
			62.09	70.87	80.63	90.43	102.36
D	mm	inch	508	558	610	610	762
			20.00	21.97	24.02	24.02	30.00



No.	Name	Material
33	Support gasket	ASTM B16
32	Slot countersunk head screws	Steel
31	Straight through injection oil cup	Copper
30	Lifting bolt	ASTM SS304
29	Washer	ASTM SS304
28	Spring washer	ASTM SS304
27	Bolt	ASTM SS304
26	Screw	ASTM SS304
25	Nut	ASTM SS304
24	Spring washer	ASTM SS304
23	Studs	ASTM SS304
22	Stents	ASTM A536 65-45-12
21	Washer	ASTM SS304
20	Nut	ASTM SS304
19	Spring washer	ASTM SS304
18	Bolt	ASTM SS304
17	Gasket	EPDM
16	O-ring	EPDM
15	Pin	ASTM SS316
14	Square pipe plug	ASTM SS304
13	Handwheel lock nut	Steel
12	Handwheel	ASTM A536 65-45-12
11	Shaft lock nut	ASTM B16
10	Shaft nut washer	ASTM B16
9	Shaft nut	ASTM B62
8	Packing gland	ASTM A536 65-45-12
7	Packing gland bushing	ASTM B16
6	Packing	PTFE
5	Disc nut	ASTM A351 CF8
4	Cover	ASTM A536 65-45-12
3	Shaft	AISI SS304
2	Seat rubber coating	EPDM
1	Body	ASTM A536 65-45-12

DN	350	400	450	500	600
L	381	406	432	457	508
H1	1205	1383	1574	1760	1978
H2 (All open)	1577	1800	2048	2297	2600
ØD	508	558	610	610	762
ØD1	533	597	640	715	840
C	35	38	42.9	42.9	49.6
ØD2	412.8	470	533.4	584.2	692.2
F	2	2	2	2	2
ØD3	476.3	539.8	577.9	635	749.3
N	12	16	16	20	20
ØD4	28.6	28.6	32	32	35
a°	15	11.25	11.25	9	9
Open the number of turns	50	57	56.5	42	50



Pressure - Temperature Chart

