HC-95121

Resilient-Seated Gate Valve *250 PSI*

Feature & Benifits

- Design: AWWA C515
- Flanges: ASME B16.5 / CL150



Test Pressure & Temperature

Tempreture	Hydraulic
0°C to 120°C	Seat: 375 PSI
	Seat: 275 PSI

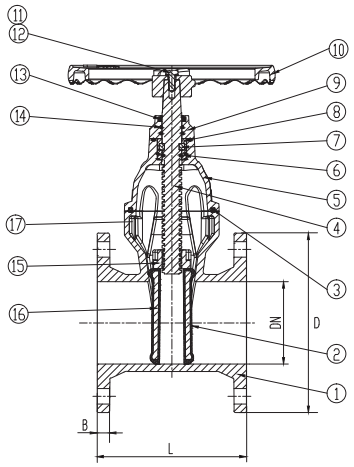
Materials

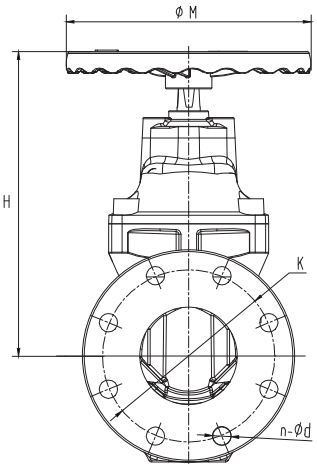
NO.	Part	Materials
1	Body	Ductile Iron
2	Disc	EPDM+Ductile Iron
3	Bonnet Gasket	NBR
4	Stem	AISI420
5	Bonnet	Ductile Iron
6	Thrust Nut	Brass
7	Holding Ring	Brass
8	Thrust Nut	Brass
9	Handwheel/Cap	Ductile Iron
10	Bolt	AISI304
11	Flat Washer	AISI304
12	Dustcover	NBR
13	O-Ring	NBR
14	O-Ring	NBR
15	O-Ring	NBR
16	Stem Nut	CuZn39Pb1 Brass
17	Core	Ductile Iron

Connection Standard

- Face to face dimensions to ASME B16.10
- Flanged to ASME B16.5 / CL150
- Design and manufacture as per AWWA C515

Dimensional Drawing





Dimensions

Size		Outline(mm)			Flange dimensions(mm)				Switch Turns	Closing Torque (N.m)
		ANSI B16.10	ΦM	H	ASME B16.1/16.42 Class 125/150					
DN	Inch	L			D	K	n-d	B		
DN40	11/2"	165	180	215	127	99	4-Φ16	19	9	30
DN50	2"	178	180	215	152	121	4-Φ19	19	9	40
DN65	21/2"	190	200	250	178	140	4-Φ19	22	10	50
DN80	3"	203	200	275	191	153	4-Φ19	24	12	60
DN100	4"	229	220	320	229	191	8-Φ19	24	12	80
DN125	5"	254	254	365	254	216	8-Φ19	24	15	100
DN150	6"	267	280	400	279	242	8-Φ22	25	17	120
DN200	8"	292	315	495	343	299	8-Φ22	29	19	150
DN250	10"	330	406	590	406	362	8-Φ22	30	23	200
DN300	12"	356	406	670	483	432	12-Φ25	32	27	250
DN350	14"	381	500	760	535	477	12-Φ28	35	31	300
DN400	16"	406	500	850	595	540	16-Φ28	37	35	350