

RESILIENT SEATED GATE VALVE DIAMETER 350 - 600 (mm)

SIGMAFLOW Resilient Seated Gate Valve is of lightweight design and construction of ductile iron offers a robust and durable extended life performance. Valves can either be used above ground or buried service applications and are maintenance free. The valves seal 100% leak tight. The waterway is clear, unobstructed and free from pockets to allow smooth flow of water.



Fig. 2 DN 350-600

TECHNICAL FEATURES

Valve Type	: Non Rising Stem
End Connection	: Flanged
Working Pressure	: PN16 (PN25 available on request)
Working Temperature	: Upto 70°C
Test Pressure	: Body – 1.5 x PN, Seat – 1.1 x PN
Application	: Potable Water Distribution, Raw Water, Effluent systems, Irrigation, Fire Protection, Pumping systems, Industry, Cooling Water systems

SALIENT FEATURES

- ◆ 100 % Leak tight
- ◆ Ductile Iron Wedge with all around EPDM encapsulation
- ◆ Compact Design & Lightweight
- ◆ Varied Applications
- ◆ Operation by Hand wheel, Gearboxes, Actuation (Electric or Pneumatic)
- ◆ WRAS approved Materials
- ◆ Epoxy coated to minimum 250 microns, internally and externally

CONFORMITY TO MANUFACTURING CODES & STANDARDS

General Design & Manufacturing	: IS/BS/DIN
Valve Face to Face Dimensions	: IS/BS/DIN
Flange Standard Conformity	: IS 1538 (BS/DIN available on request)



STANDARD MATERIALS OF CONSTRUCTION

1. Body	Ductile Iron GGG40	6. Bolt	Stainless Steel with Hot Melt Seal
2. Wedge	Ductile Iron GGG40 with all around EPDM Encapsulation	7. Bonnet	Ductile Iron GGG40
3. Wedge Nut	DZR Brass	8. Anti Friction Washer	Teflon/Nylon
4. Stem	Stainless Steel - 410/420/304/316	9. Bush with O-Rings	DZR Brass with EPDM O-Rings
5. Bonnet Gasket	EPDM/NBR	10. Stem Seal	EPDM
		11. Hand Wheel	Ductile Iron GGG40

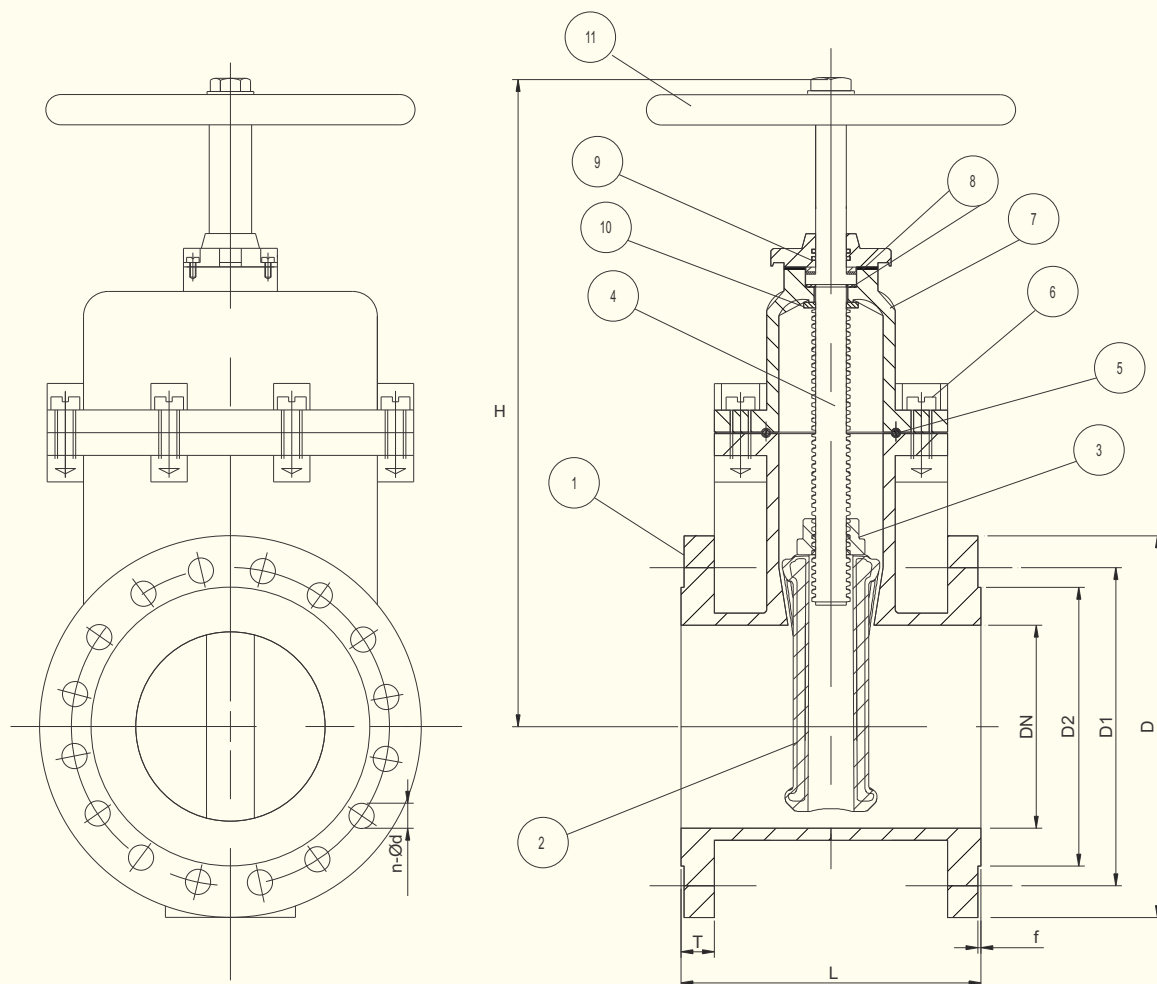


Fig. 2 DN 350-600

DIMENSIONS

DN (Size)	L	D	D1	D2	T	f	n-Ød	H
350	381	505	460	438	29	4	16-Ø23	900
400	406	565	515	490	30	4	16-Ø28	1030
450	432	615	565	532	31.5	4	20-Ø28	1080
500	457	670	620	610	33	4	20-Ø28	1188
600	508	780	725	725	36	5	20-Ø31	1380

Higher sizes available on request

all dimensions are in mm

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Manufacturing Locations in INDIA & CHINA

Offices in UK, MEXICO & CHINA