

General Purpose Valves - Shut Off Valves

Model Infinity / 05-47 Series Resilient Gate Valves

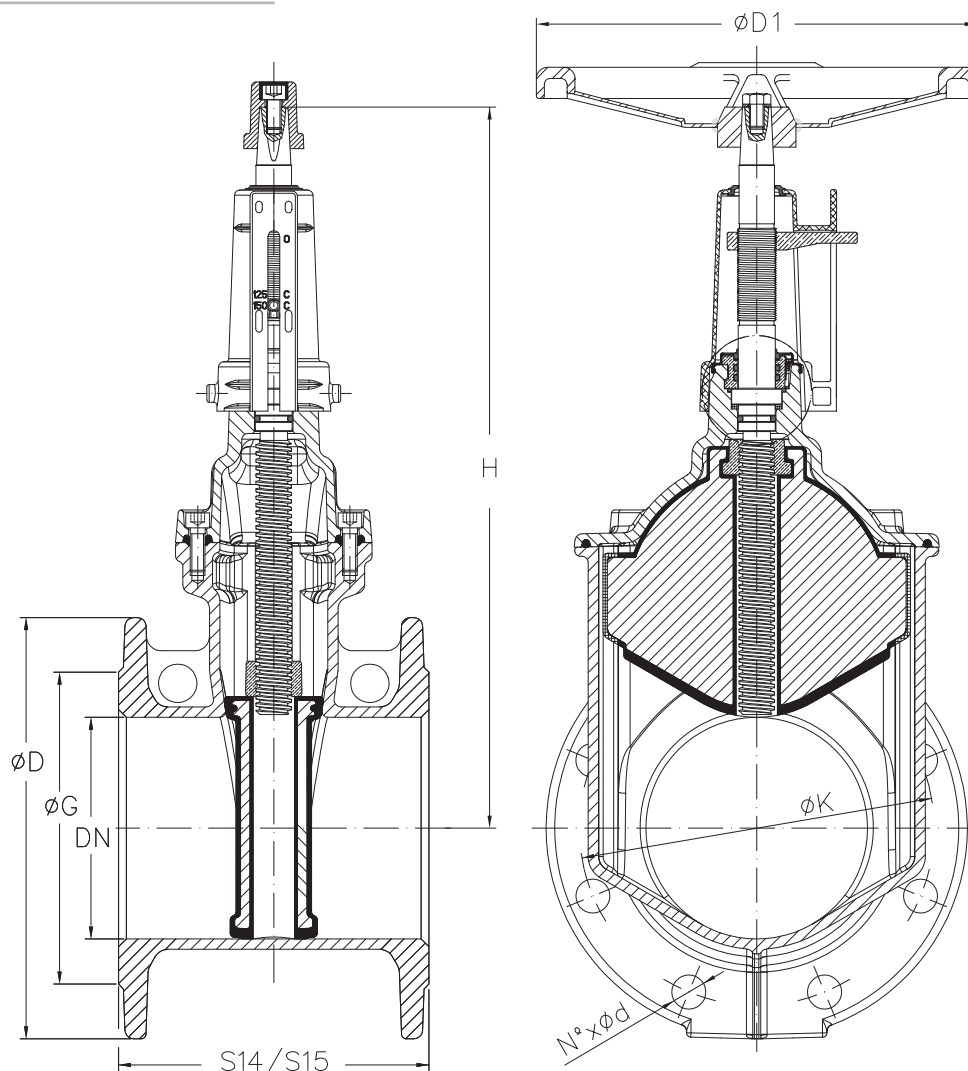
Non Rising Stem



Sizes	DN50 thru DN400 (2" thru 16")
Approvals	ISO, NF, KIWA, DVGW, WRAS, ÖVGW, GOST, FM, VdS
Maximum Working Pressure	16,0 bar (232 psi)
End Connection	Flange x Flange
Flange Drilling	PN10/PN16
Tech Data Sheet	Contact Tyco for details

Full and straight bore, so the flow is optimum with minimum head losses ■ Maintenance free ■ Tightness through the stem made with three O-rings ■ Dust guard to protect the spindle from any impurities ■ 100% tested according to EN 12166-1 standard ■ New wedge and stem technology ensures smooth functionality with outstanding low torque values ■ New guiding system for the wedge with male composite sliding skate in order to easily achieve the 2500 cycles endurance test required by European standards.

Model Infinity - DN50 - DN300

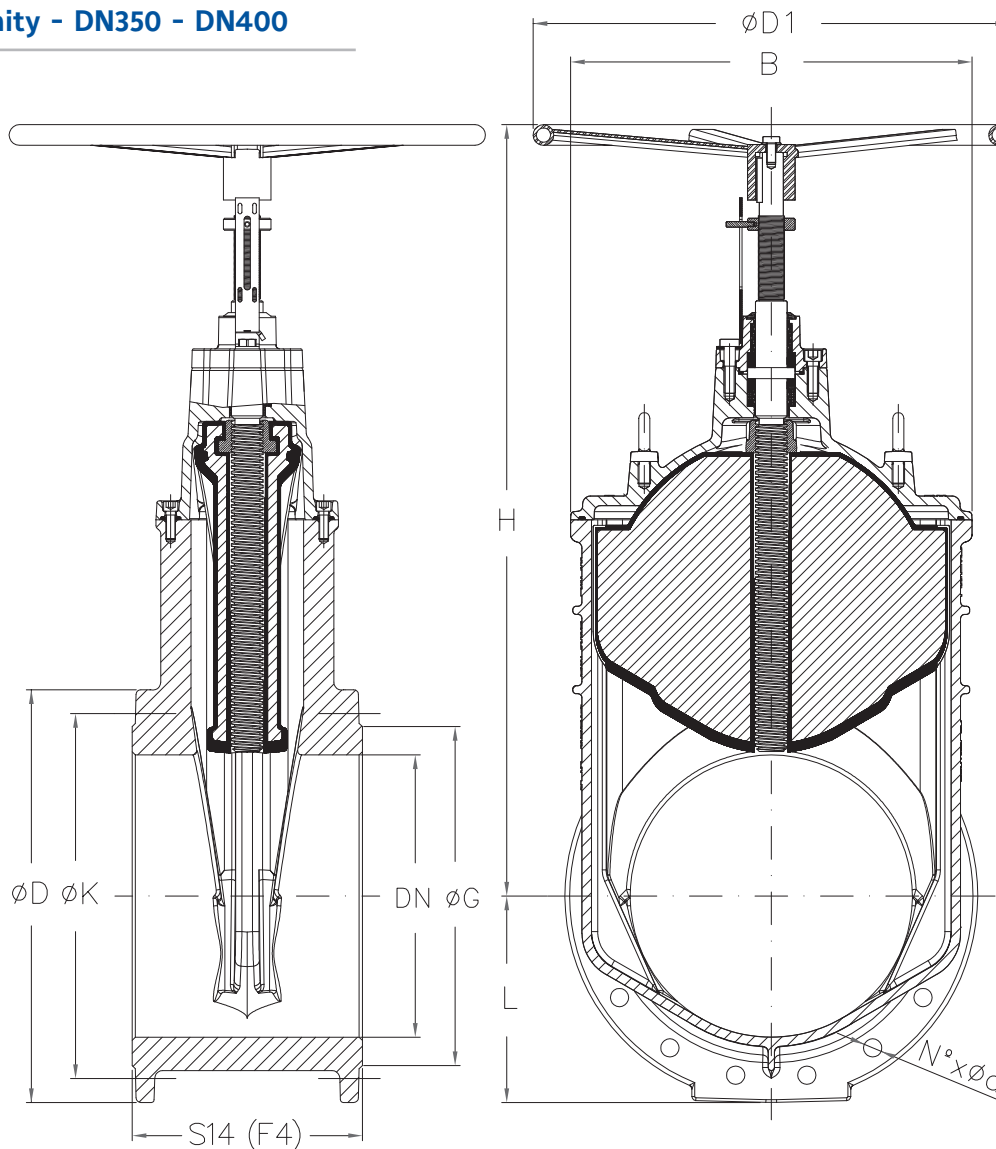


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Model Infinity / 05-47 Series Resilent Gate Valves - Dimensions

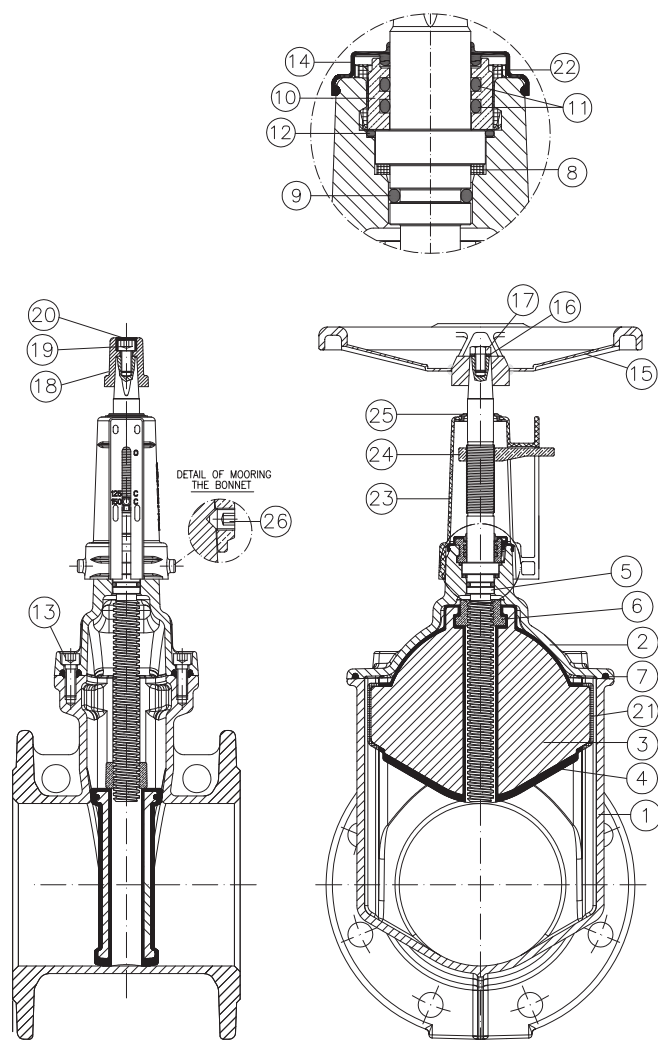
Model Infinity /05-47 Flange x Flange - DN50 - DN400																				
Part Number			Size			EN-1092-2 PN10			EN-1092-2 PN16			EN 5858 (DIN 3203)		H	L	B	øD1	No. of turns for closing	Weight kg PN10/16	
F4 PN10/16 or PN10 (≥ 8")	F4 PN16	F5 PN10/16 or PN10 (≥ 8")	DN	in.	øD mm	øK mm	øG mm	no. X d	øK mm	øG mm	no. X d	S14 (F4) mm	S15 (F5) mm	mm	mm	mm	mm		S14 (F4)	S15 (F5)
594700608	-	-	50	2"	165	125	99	4x19	125	99	4x19	150	250	185	83	-	150	14	8	9
594700768	-	594710768	65	2-1/2"	185	145	118	4x19	145	118	4x19	170	270	227	93	-	150	15	12	13
594700898	-	594710898	80	3"	200	160	132	8x19	160	132	8x19	180	280	250	100	-	200	18	14	15
594701148	-	594711148	100	4"	220	180	156	8x19	180	156	8x19	190	300	287	110	-	200	21,5	16	18
594701398	-	594711398	125	5"	250	210	184	8x19	210	184	8x19	200	325	324	125	-	300	27	23	25
594701688	-	594711688	150	6"	285	240	211	8x23	240	211	8x23	210	350	368	143	-	300	32	27	31
594702197	594702198	594712197	200	8"	340	295	266	8x23	295	266	12x23	230	400	450	170	-	400	41,5	47	54
594702737	594702738	-	250	10"	400	350	319	12x23	355	319	12x23	250	450	546	200	-	400	43	69	78,8
594703247	594703248	-	300	12"	455	400	370	12x23	410	370	12x23	270	500	621	228	-	500	51	97	115
594703557	-	-	350	14"	520	460	429	16x23	470	429	16x28	290	550	812	260	506	600	51	190	213
594704067	-	-	400	16"	580	515	480	16x28	525	480	16x31	310	600	905	290	606	800	58	274	311

Model Infinity - DN350 - DN400



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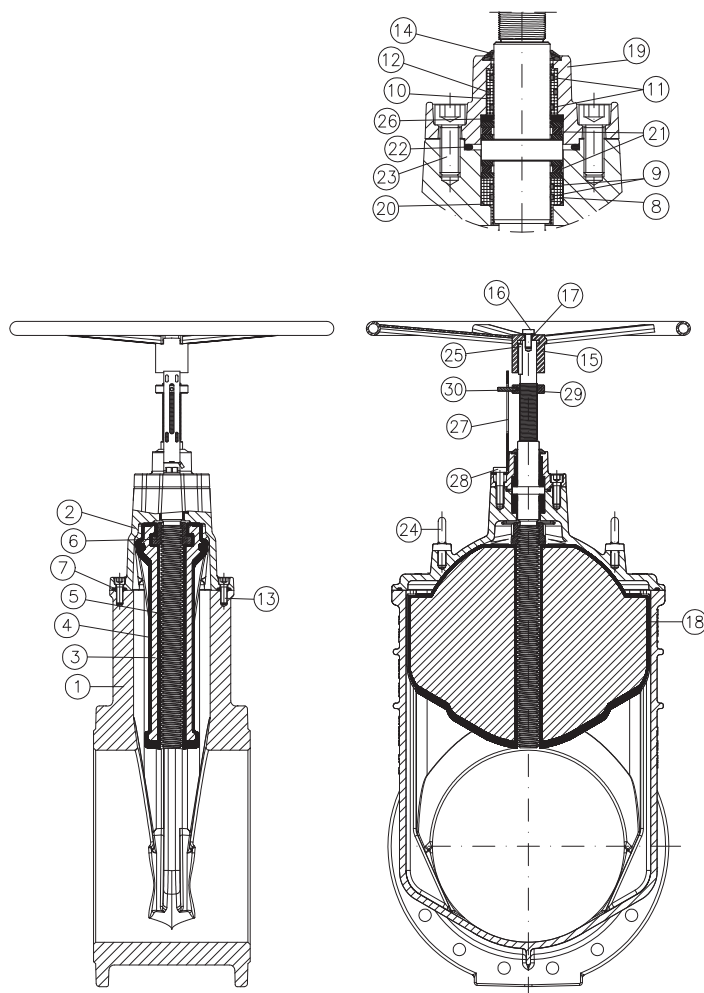
Model Infinity / 05-47 Series Resilent Gate Valves - DN50 & DN300



Model Infinity 05-47 - DN350 & DN400			
Item No.	Description	Qty.	Material
1	Body	1	GJS 500/7, EN 1563
2	Bonnet	1	GJS 500/7, EN 1563
3	Wedge	1	GJS 500/7, EN 1563
4	Wedge Coating	1	EPDM, EN 681-1
5	Stem	1	X20 Cr13, EN 10088, AISI 420
6	Wedge Lock Nut	1	Copper Alloy, EN 12165, CW-617N
7	Body Bonnet Gasket	1	EPDM, EN 681-1
8	Stem Washer	1	POM
9	O-Ring (Stem)	1	EPDM, EN 681-1
10	Stuffing Nut	1	Copper Alloy, EN 12165, CW307G
11	O-Ring (Stuffing Nut)	2	NBR, ASTM D2000
12	O-Ring (Bonnet)	1	NBR, ASTM D2000
13	Body Bonnet Bolts	as/ DN	Steel 12.9, DIN 912 Dimensions (GEOMET Coating)
14	Dust Guard	1	EPDM, EN 681-1
15	Handwheel	1	Stainless Steel, EN 10130, DC04 (DIN 1.0388)
16	Handwheel Bolt	1	Stainless Steel, EN 10088, (A4) DIN 933 Dimensions
17	Handwheel Washer	1	Stainless Steel, EN 10088, (A4) DIN 9021 Dimensions
18	Square Cap	1	EN GJS 500/7, EN 1563
19	Square Cap Bolt	1	Stainless Steel, EN 10088, (A4) DIN 912 M4
20	Tape Square	1	LUPOLEN
21	Wedge Guide	2	Fortron+40%GF
22	Locking Device	3	PA6+50%GF
23	Indicator Carcase	1	AISI, Aluminium
24	Indicator Cradle	1	Copper Alloy, EN 12165, CW617N
25	Ind. Carcase Dustguard	1	EPDM, EN 681-1
26	Thread Stick	2	Stainless Steel, EN 10088, (A4) M8x10 DN-40-50, M8x8 DN>50

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Model Infinity / 05-47 Series Resilent Gate Valves - DN350 & DN400



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Item No.	Description	Qty.	Material
1	Body	1	GJS 500/7, EN 1563
2	Bonnet	1	GJS 500/7, EN 1563
3	Wedge	1	GJS 500/7, EN 1563
4	Wedge Coating	1	EPDM, EN 681-1, W270
5	Stem	1	X20Cr13, EN 10088, AISI 420
6	Wedge Lock Nut	1	Copper Alloy, EN 12165, CW-617N
7	Body Bonnet Gasket	1	EPDM, EN 681-1
8	Lower Packing Bushing	1	POM, Acetal Resin
9	O-Ring (Stem)	2	EPDM, EN 681-1
10	Upper Packing Bushing	1	POM, Acetal Resin
11	O-Ring Int. (Upper Packing)	2	NBR, ASTM D2000
12	O-Ring Ext. (Upper Packing)	1	NBR, ASTM D2000
13	Body Bonnet Bolt	10	Steel 9.122, EN 10088, DIN 912 (Rech. Geomet)
14	Dust Guard	1	EPDM, EN 681-1
15	Handweel	1	Stamped Steel
16	Handweel Bolt	1	AISI 316, EN 10088, (A4) DIN 933
17	Handweel Washer	1	AISI 316, EN 10088, (A4) DIN 9021
18	Wedge Guides	2	PPS + 4-%GF
19	Upper Bonnet	1	GJS 500/7, EN 1563
20	O-Ring (Lower Packing)	1	EPDM, EN 681-1
21	Axial Bering Roller	2	Steel
22	O-Ring Bonnet-Jpper Bonnet	1	NBR, ASTM D2000
23	Bonnet-Upper Bonnet Bolt	3	AISI 316, EN 10088, (A4) DIN 912
24	Eyebolt	2	AISI 316, EN 10088, (A4) DIN 580
25	Cotter	1	AISI 316, EN 10088, (A4) DIN 6885
26	Washer Upper Packing	1	254 SMO, DIN 1.4547
27	Indicator Plate	1	1 - 114, DIN 36011
28	Indicator Plate Bolt	1	AISI 316, EN 10088, (A4) DIN 933
29	Indicator Wedge	1	Bronze Rg. 5, DIN 1705
30	Indicator Stem	1	AISI 304, EN 10088, A2