



General Chemicals



Fine Chemicals



Plastics and Polymers



Petrochemicals



Nuclear and Navy



Cryogenic Service



Other Applications

application: liquids liquids with hard particles gas

Gate Valve
Full bore / type 700N

Gate Valve

Full bore / type 700N

Gate valve

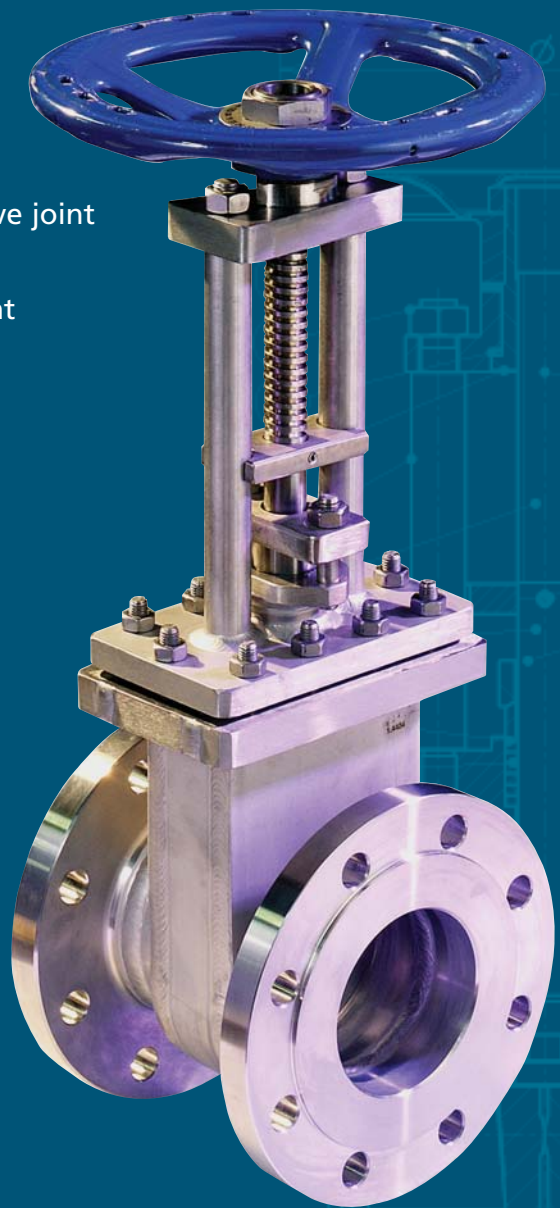


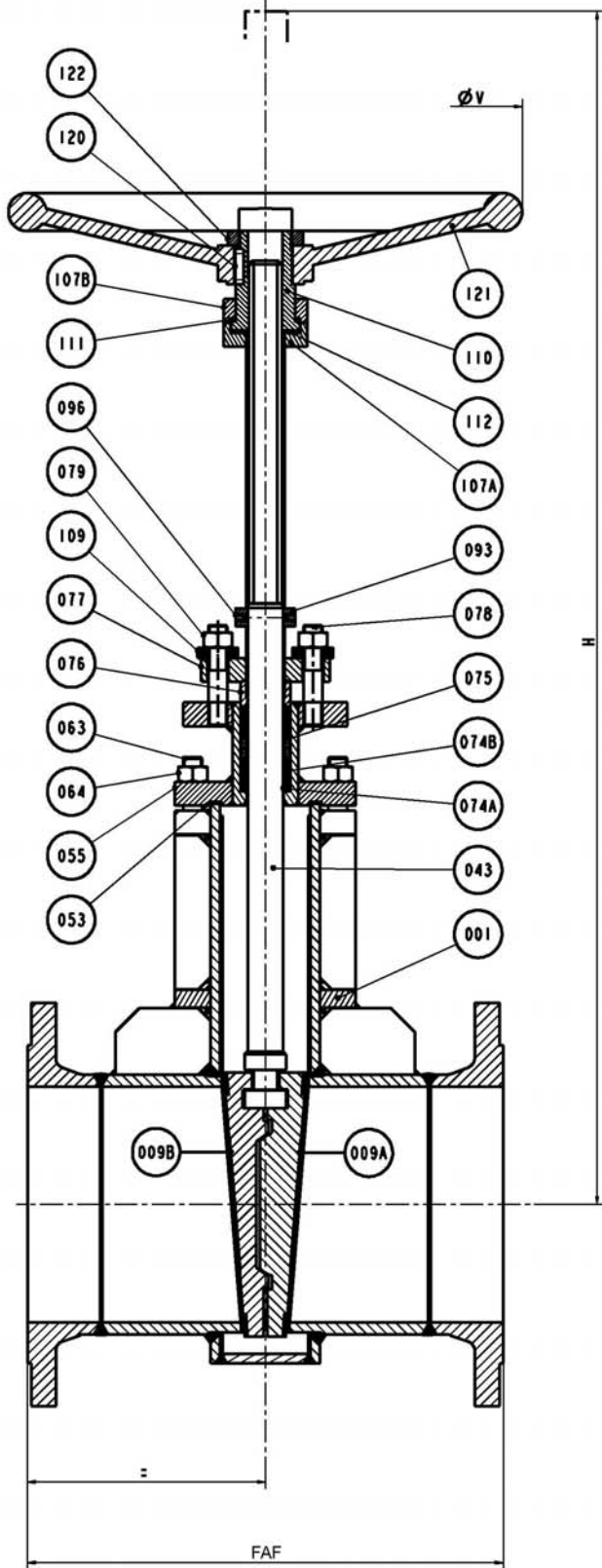
Features

- Welded body in 316L Stainless Steel
- Double disc with ball and socket
- Integral seats
- Bolted bonnet with tongue-and-groove joint
- Bolted stuffing box
- Rising non turning stem with back seat
- Opening and closing indicator
- Solid flange connection
- PED 97/23/EC compliant

Competitive advantages

- Full bore
 - ➡ Increased flow
- Repackable stuffing box (in open position)
 - ➡ No production stop
- Better tightness at low differential pressure
 - ➡ Very good reliability





Part n°	Qty	Part name	Material
1	1	Body	316L/1.4404
9	2	Disc	316L/1.4404
43	1	Stem	316L/1.4404
53	1	Body gasket	PTFE
55	1	Bonnet	316L/1.4404
63	-	Stud	A4-70
64	-	Nut	A4-70
74A	2	Packing	PTFE
74B	4	Packing	PTFE/silk
76	1	Gland	316L/1.4404
77	1	Gland flange	Stainless Steel
78	2	Stud	A4-70
79	2	Nut	A4-70
89	2	Column	Stainless Steel
93	1	Opening indicator	Stainless Steel
96	1	Indicator pin	A2
107	1	Bridge	304L/1.4307
108	2	Column nut	A2/A4
110	1	Yoke nut	303/1.4305
111	1	Upper friction washer	Celoron
112	1	Lower friction washer	Celoron
117	1	Friction nut	A2
120	1	Handwheel key	A56
121	1	Handwheel	Painted steel
122	1	Handwheel nut	Zinc coated steel

DN	15	20	25	32	40	50	65	80	100	125	150	200	
NPS	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	
PN 10-16, Class 150	FAF*	108	117	127	140	165	178	190	203	229	254	267	292
	H	210	215	230	300	330	350	425	480	545	665	800	1000
	Øv	120	120	120	180	180	180	180	250	250	250	300	300
	Weight (kg)	3,9	4,7	5,9	8	10	12,5	18	27	31	45	53	93
PN 25-40, Class 300	FAF*	140	152	165	178	190	216	241	283	305	381	403	419
	H	240	255	266	340	370	390	450	515	580	720	800	1020
	Øv	120	120	120	180	180	180	180	250	250	250	300	400
	Weight (kg)	5,2	6	7	11,5	15	18,5	23,5	38	44	83	105	146

* Face-to-face dimensions (FAF) as per EN 558 standard series 3 and 4.
Our valves can also meet other series.

OPTIONS

- Heating jacket
- Seating surfaces (seats and discs) hard faced with stellite
- Austenitic stainless steels (304, 321, UB6 ...) Duplex, Hastelloy®, Incoloy®, Monel®, Inconel®, Titanium, Zirconium..
- Bellow sealed stem
- TA-Luft version (double gland and intermediate lantern with leak detector and spring washers)
- Pneumatic, electric or hydraulic actuator
- Cleaning nozzles
- SW, BW, threaded connections
- Size (DN) up to NPS 48 (1200 mm)
- Pressure Class up to Class 2500 (PN 400)
- EN10204 3.1 certificates, ATEX
- ASME, JIS, GOST standards, etc.

