



RT Gate valve Series: 340 Type: 533 Stainless steel Flange PN25/40

Stainless steel gate valve, with external rising stem, non-rising handwheel, stainless steel sealing and flange connection, pressure class PN25 or PN40.

Characteristics

Series: 340

Type: 533

Norm: EN (DIN)

Housing material: Stainless steel

Connection: Flange

Flange finish: Raised face

Stem seal type: Gland seal

Spindle material: 1.4571

Primary spindle seal material: Graphite

Material bonnet: 1.4581

Bonnet gasket material: Graphite/stainless steel inlay

Actuator material: Steel

Minimum medium temperature (continuous): -10 °C

Maximum medium temperature (continuous): 450 °C

Maximum pressure difference at 20 °C: 16 bar

Technical Information

- Design: EN 1984.
- Testing: 12266-1 leakage rate B.
- Flange diameter according to pressure class valve: PN25 or PN40.

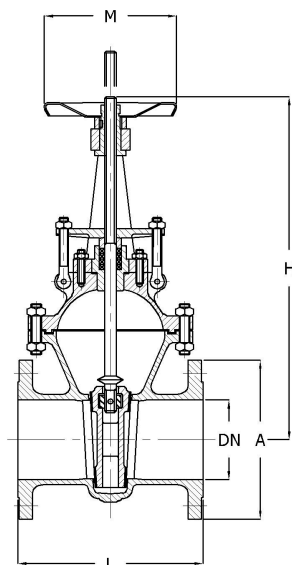
Options

- Available in PN16: type 531 (face to face dimension series 14).
- Available in cast steel: type 553.
- Available with grounding lug.
- Available with chain wheel.
- Equipped with electric, pneumatic or hydraulic drive.
- According to emission standards ISO 15848-1 and TA Luft.

Application

- General Industry.
- Tank Storage.
- Chemical process installations.
- Steam, hot or cold water, oil, etc.
- We recommend a bellows sealed valve for thermal oil.
- Corrosive liquids and gases.
- Recommended in: Chemical

Size table:



DN	A mm	H mm	L mm	M mm	Weight kg
DN50	165	340	250	200	23
DN65	185	360	270	200	31
DN80	200	410	280	200	36
DN100	235	500	300	250	53
DN125	270	535	325	250	73
DN150	300	615	350	250	98
DN200	360	720	400	300	150

Pressure and temperature range

-10	0	20	100	150	200	250	300	350	400	425	450	[°C]
40	40	38.6	32.9	30.7	28.4	27.1	25.8	24.4	23.1	22.7	22.2	[bar]

From DN200 and larger, the pressure class or pressure rating is PN25 and the maximum allowable pressure is 25 bar. If the flange drilling or pressure rating flange is PN16, the maximum allowable pressure is 16 bar.

Material quality	Nominal inner diameter	Pressure rating	Pressure rating flange	Face to Face norm	Face to Face length	Operation	Type of bonnet	Sealing	Wedge material	Article
					mm					
1.4581	DN50	PN40	PN16	EN 558, Series 15	250	Hand wheel, non-rising with rising stem	Bolted bonnet	Stainless steel	Stainless steel	10057195
1.4581	DN65	PN40	PN16	EN 558, Series 15	270	Hand wheel, non-rising with rising stem	Bolted bonnet	Stainless steel	Stainless steel	10057196
1.4581	DN80	PN40	PN16	EN 558, Series 15	280	Hand wheel, non-rising with rising stem	Bolted bonnet	Stainless steel	Stainless steel	10057197
1.4581	DN100	PN40	PN16	EN 558, Series 15	300	Hand wheel, non-rising with rising stem	Bolted bonnet	Stainless steel	Stainless steel	10057198
1.4581	DN125	PN40	PN16	EN 558, Series 15	325	Hand wheel, non-rising with rising stem	Bolted bonnet	Stainless steel	Stainless steel	10057199
1.4581	DN150	PN40	PN16	EN 558, Series 15	350	Hand wheel, non-rising with rising stem	Bolted bonnet	Stainless steel	Stainless steel	10057200
1.4581	DN200	PN25	PN16	EN 558, Series 15	400	Hand wheel, non-rising with rising stem	Bolted bonnet	Stainless steel	Stainless steel	10057201

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