RT Gate valve Series: 310 Type: 531 Stainless steel Flange PN16

Stainless steel gate valve, with external rising stem, non-rising handwheel, stainless steel sealing and flange connection, pressure class PN16.

Characteristics

Series: 310
Type: 531
Norm: EN (DIN)
Housing material: Stainless steel
Connection: Flange
Flange finish: Raised face
Stem seal type: Gland seal
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

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

Technical Information

- Design: EN 1984.
- Testing: 12266-1 leakage rate B.

Options

- Available in PN25/40: type 533 (face to face dimension series 15).
- Available in cast steel: type 309.
- 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.

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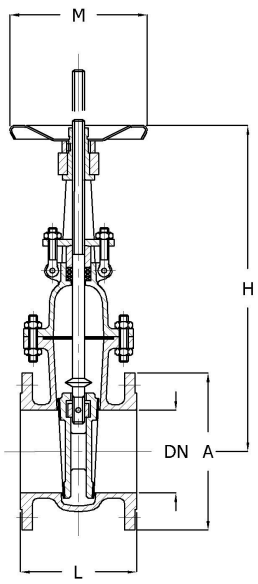

Size table:

DN	A	H	L	M	Weight
	mm	mm	mm	mm	kg
DN50	165	315	150	200	15
DN65	185	370	170	200	25
DN80	200	410	180	200	27
DN100	220	450	190	200	35
DN125	250	525	200	250	40
DN150	285	600	210	250	55
DN200	340	760	230	300	82
DN250	405	990	250	400	155
DN300	460	1095	270	400	225

Pressure and temperature range												
-10	0	20	100	150	200	250	300	350	400	425	450	[°C]
16	16	15.4	13.2	12.3	11.4	10.8	10.3	9.8	9.2	9.1	8.9	[bar]

Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length	Operation	Type of bonnet	Sealing	Wedge material	Spindle material	Article
				mm						
1.4581	DN50	PN16	EN 558, Series 14	150	Hand wheel, non-rising with rising stem	Bolted bonnet	Stainless steel	Stainless steel	1.4571	10057187
1.4581	DN65	PN16	EN 558, Series 14	170	Hand wheel, non-rising with rising stem	Bolted bonnet	Stainless steel	Stainless steel	1.4571	10057188
1.4581	DN80	PN16	EN 558, Series 14	180	Hand wheel, non-rising with rising stem	Bolted bonnet	Stainless steel	Stainless steel	1.4571	10057189
1.4581	DN100	PN16	EN 558, Series 14	190	Hand wheel, non-rising with rising stem	Bolted bonnet	Stainless steel	Stainless steel	1.4571	10057215
1.4581	DN125	PN16	EN 558, Series 14	200	Hand wheel, non-rising with rising stem	Bolted bonnet	Stainless steel	Stainless steel	1.4571	10057190
1.4581	DN150	PN16	EN 558, Series 14	210	Hand wheel, non-rising with rising stem	Bolted bonnet	Stainless steel	Stainless steel	1.4571	10057191
1.4581	DN200	PN16	EN 558, Series 14	230	Hand wheel, non-rising with rising stem	Bolted bonnet	Stainless steel	Stainless steel	1.4571	10057192
1.4581	DN250	PN16	EN 558, Series 14	250	Hand wheel, non-rising with rising stem	Bolted bonnet	Stainless steel	Stainless steel	1.4571	10057193

PR_EC010163_0019_MVD_EN_02.06.2024

Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length	Operation	Type of bonnet	Sealing	Wedge material	Spindle material	Article
				mm						
1.4581	DN300	PN16	EN 558, Series 14	270	Hand wheel, non-rising with rising stem	Bolted bonnet	Stainless steel	Stainless steel	1.4571	10057194

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