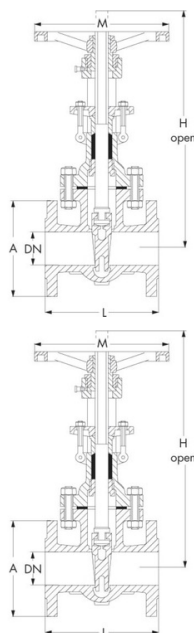


PK Gate valve Type: 1851 Stainless steel Flange Class 150

Cast stainless steel gate valve, OS&Y, with bolted bonnet and flanged ends, Class 150.



Characteristics

Type: 1851

Norm: ASME

Housing material: Stainless steel

Connection: Flange

Stem seal type: Gland seal

Primary spindle seal material: Graphite

Material bonnet: ASTM A351 CF8M

Bonnet gasket material: Stainless steel 316 SW
Graphite filled

Actuator material: Malleable cast iron

Minimum medium temperature (continuous): -50 °C

Maximum medium temperature (continuous): 500 °C

Maximum pressure difference at 20 °C: 20 bar

Technical Information

- Design: API 603, ASME B16.34 ["light wall"].
- Testing: API598.
- Emission standard: ISO 15848 class B.

Options

- Available in Class 300; type 1871.
- Available in API 600 design ["heavy wall"].
- Available in other materials.
- Available with butt weld ends.
- Available for cryogenic or high temperature applications.
- Equipped with an electric, pneumatic or hydraulic actuator.

Application

- Refineries and (petro-) chemical procesinstallations.
- Oil & gas industry.
- Tankstorage.
- Corrosive liquids and gases.
- Recommended in: Chemical, Petrochemical and Refining

DN ["]	L mm	H open mm	M mm	Weight [kg]
1/2"	108	153	100	3
3/4"	117	153	100	3,5
1"	127	185	120	5,5
1 1/2"	165	240	160	10,4
2"	178	339	200	22
3"	203	441	250	32
4"	229	535	300	54
6"	267	735	300	77
8"	292	927	350	144
10"	330	1125	400	198
12"	356	1317	450	294

-29/38 °C	100 °C	150 °C	200 °C	250 °C	300 °C	350 °C	375 °C	400 °C	425 °C	450 °C	475 °C	500 °C
bar	bar	bar	bar	bar	bar	bar	bar	bar	bar	bar	bar	bar
19	16,2	14,8	13,7	12,1	10,2	8,4	7,4	6,5	5,5	4,6	3,7	2,8

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-29/38 °C	100 °C	150 °C	200 °C	250 °C	300 °C	350 °C	375 °C	400 °C	425 °C	450 °C	475 °C	500 °C
bar	bar	bar	bar	bar	bar	bar	bar	bar	bar	bar	bar	bar
Check the data above to ASME B16.34 (latest revision)												
PTFE is limited in use above 200°C												

Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length mm	Operation	Type of bonnet	Sealing	Wedge material	Spindle material	Article
ASTM A351 CF8M	1/2" (15)	Class 150	ASME B16.10, T1, Serie 7	108	Hand wheel, non-rising with rising stem	Bolted bonnet	Trim 12	ASTM A351 CF8M	ASTM A479 316	13469663
ASTM A351 CF8M	10" (250)	Class 150	ASME B16.10, T1, Serie 7	330	Hand wheel, non-rising with rising stem	Bolted bonnet	Trim 12	ASTM A351 CF8M	ASTM A479 316	13469631

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