





# PK Gate valve Type: 5560 Steel Flange Class 600

Cast steel gate valve, OS&Y, with bolted bonnet and flanged ends, Class 600.

#### **Characteristics**

**Type: 5560** Norm: ASME

Housing material: Steel **Connection:** Flange Stem seal type: Gland seal

Primary spindle seal material: Graphite Material bonnet: ASTM A216 WCB

Bonnet gasket material: Stainless steel 304 SW

Graphite filled

Actuator material: Malleable cast iron

Minimum medium temperature (continuous): -46 °C Maximum medium temperature (continuous): 426 °C Maximum pressure difference at 20 °C: 100 bar

### **Application**

- Refineries and (petro-) chemical procesinstallations.
- Oil & gas industry.
- Tankstorage.
- Steam and oil (for thermal oil: bellows sealed
- Neutral liquids and gases.
- Recommended in: Chemical, Petrochemical and Refining

### **Technical Information**

- Body material A216 WCB or A352 LCC.
- Design: API 600, ASME B16.34.
- Testing: API598.
- Emission standard: ISO 15848 class B. • NACE MR01-75 (body material LCC).

### **Options**

- Available in Class 150; type 5515.
- Available in Class 300; type 5530.
- Available in higher pressure Classes, also in pressure seal design.
- Available in other materials.
- Available with butt weld ends or RTJ flanges.
- Available for cryogenic or high temperature applications.
- Equipped with an electric, pneumatic or hydraulic

DN	L	H open	M	Weight
["]	mm	mm	mm	[kg]
2	292	425	200	36
3	356	524	250	67
4	432	605	350	112
6	559	845	450	240
8	660	1020	450	400
10	787	1300	400	680
12	838	1400	450	910

-46/38 °C	50 °C	100 °C	150 °C	200 °C	250 °C	300 °C	345 °C
bar	bar	bar	bar	bar	bar	bar	bar
103.4	103.4	103	100.3	97.2	92.7	85.7	80

ASTM A352 LCC may not be used over 345°C

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Page 1/2

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## Gate Valves | Gate Valves with Flange Connection

-46/38 °C	50 °C	100 °C	150 °C	200 °C	250 °C	300 °C	345 °C
bar	bar	bar	bar	bar	bar	bar	bar
Check the values above and any additional remarks against ASME B16.34 (latest edition)							

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 A216 WCB	2" (50)	Class 600	ASME B16.10, T3, Serie 2	292	Hand wheel, non-rising with rising stem	Bolted bonnet	Trim 8	ASTM A217 CA15	ASTM A479 410	12984527
ASTM A216 WCB	3" [80]	Class 600	ASME B16.10, T3, Serie 2	356	Hand wheel, non-rising with rising stem	Bolted bonnet	Trim 8	ASTM A217 CA15	ASTM A479 410	13400834
ASTM A216 WCB	4" (100)	Class 600	ASME B16.10, T3, Serie 2	432	Hand wheel, non-rising with rising stem	Bolted bonnet	Trim 8	ASTM A217 CA15	ASTM A479 410	13391488

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Page 2/2
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