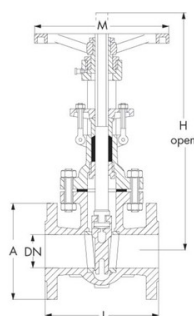


## PK Gate valve Type: 5560 Steel Flange Class 600

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 valve).
- 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 actuator.

DN ["]	L mm	H open mm	M mm	Weight [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 bar	50 °C bar	100 °C bar	150 °C bar	200 °C bar	250 °C bar	300 °C bar	345 °C 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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-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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