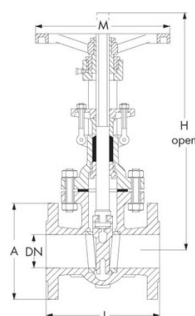


PK Gate valve Type: 5530 Steel Flange Class 300

Cast steel gate valve, OS&Y, with bolted bonnet and flanged ends, Class 300.



Characteristics

Type: 5530

Norm: ASME

Housing material: Steel

Surface protection: Standard manufacturers coating

Connection: Flange

Face to Face norm: ASME B16.10, T2, Serie 10

Operation: Hand wheel, non-rising with rising stem

Type of bonnet: Bolted bonnet

Stem seal type: Gland seal

Primary spindle seal material: Graphite

Actuator material: Malleable cast iron

Minimum medium temperature (continuous): -46 °C

Maximum pressure difference at 20 °C: 50 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 600; type 5560.
- 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	216	445	200	22
3	282	550	250	41
4	305	645	300	60
6	403	815	350	119
8	419	1015	400	193
10	457	1400	400	291
12	502	1600	450	410

-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	538 °C
bar	bar	bar	bar	bar	bar	bar	bar	bar	bar	bar	bar	bar	bar
51,5	46,6	45,1	43,8	41,9	39,8	37,6	36,4	34,7	28,8	23	17,4	11,8	5,9

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

Gate Valves | Gate Valves with Flange Connection

-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	538 °C
bar	bar	bar	bar	bar	bar	bar	bar	bar	bar	bar	bar	bar	bar
ASTM A 105N is not recommended for prolonged use over 426°													
Check the data above to ASME B16.34 [latest revision]													

Material quality	Nominal inner diameter	Pressure rating	Face to Face length mm	Sealing	Wedge material	Spindle material	Material bonnet	Bonnet gasket material	Maximum medium temperature (continuous) °C	Article
ASTM A216 WCB	6" [150]	Class 300	403	Trim 8	ASTM A217 CA15	ASTM A479 410	ASTM A216 WCB	Stainless steel 304 SW Graphite filled	426	13295157
ASTM A216 WCB	10" [250]	Class 300	457	Trim 8	ASTM A217 CA15	ASTM A479 410	ASTM A216 WCB	Stainless steel 304 SW Graphite filled	426	13375601
ASTM A352 LCC	2" [50]	Class 300	216	Trim 16	ASTM A351 CF8M + Stellite	ASTM A479 316	ASTM A352 LCC	Stainless steel 316 SW Graphite filled	345	13375602
ASTM A352 LCC	3" [80]	Class 300	282	Trim 16	ASTM A351 CF8M	ASTM A479 316	ASTM A352 LCC	Stainless steel 316 SW Graphite filled	345	13189570
ASTM A352 LCC	4" [100]	Class 300	305	Trim 16	ASTM A351 CF8M	ASTM A479 316	ASTM A352 LCC	Stainless steel 316 SW Graphite filled	345	13189571
ASTM A352 LCC	6" [150]	Class 300	403	Trim 16	ASTM A351 CF8M + Stellite	ASTM A479 316	ASTM A352 LCC	Stainless steel 316 SW Graphite filled	345	13251432
ASTM A352 LCC	8" [200]	Class 300	419	Trim 16	ASTM A351 CF8M + Stellite	ASTM A479 316	ASTM A352 LCC	Stainless steel 316 SW Graphite filled	345	13375603
ASTM A352 LCC	10" [250]	Class 300	457	Trim 16	ASTM A351 CF8M + Stellite	ASTM A479 316	ASTM A352 LCC	Stainless steel 316 SW Graphite filled	345	13375604

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.