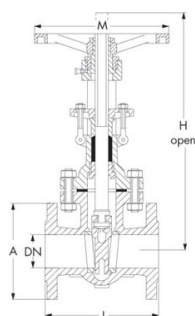


PK Gate valve Type: 5515 Steel Flange Class 150

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



Characteristics

Type: 5515

Norm: ASME

Housing material: Steel

Surface protection: Standard manufacturers coating

Connection: Flange

Pressure rating: Class 150

Face to Face norm: ASME B16.10, T1, Serie 7

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: 20 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 300; type 5530.
- 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	178	339	200	16
3	203	441	250	30
4	229	535	300	44
6	267	735	300	71
8	292	927	350	114
10	330	1125	400	169
12	356	1317	450	247
14	381	1515	500	365
16	407	1824	550	513
20	457	2124	710	823
24	508	2502	800	1276

-46/38 °C [bar]	50 °C [bar]	100 °C [bar]	150 °C [bar]	200 °C [bar]	250 °C [bar]	300 °C [bar]	325 °C [bar]	345 °C [bar]
19,8	19,5	17,7	15,8	13,8	12,1	10,2	9,3	8,4

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.

-46/38 °C	50 °C	100 °C	150 °C	200 °C	250 °C	300 °C	325 °C	345 °C
[bar]	[bar]	[bar]	[bar]	[bar]	[bar]	[bar]	[bar]	[bar]
ASTM A352 LCC may not be used above 345°C								
Check the data above in the ASME B16.34 [latest edition]								

Material quality	Nominal inner diameter	Face to Face length	Operation	Sealing	Wedge material	Spindle material	Material bonnet	Bonnet gasket material	Maximum medium temperature (continuous) °C	Article
		mm								
ASTM A216 WCB	2" [50]	178	Hand wheel, non-rising with rising stem	Trim 8	ASTM A217 CA15	ASTM A479 410	ASTM A216 WCB	Stainless steel 304 SW Graphite filled	426	12999771
ASTM A216 WCB	6" [150]	267	Hand wheel, non-rising with rising stem	Trim 8	ASTM A217 CA15	ASTM A479 410	ASTM A216 WCB	Stainless steel 304 SW Graphite filled	426	12956255
ASTM A216 WCB	12" [300]	356	Hand wheel, non-rising with rising stem	Trim 8	ASTM A216 WCB	ASTM A479 410	ASTM A216 WCB	Stainless steel 304 SW Graphite filled	426	13379010
ASTM A216 WCB	14" [350]	381	Gearbox	Trim 8	ASTM A216 WCB/13CR	ASTM A479 410	ASTM A216 WCB	Stainless steel 304 SW Graphite filled	426	13401097
ASTM A216 WCB	16" [400]	406	Gearbox	Trim 8	ASTM A216 WCB	ASTM A479 410	ASTM A216 WCB	Stainless steel 304 SW Graphite filled	426	13379011
ASTM A216 WCB	24" [600]	508	Gearbox	Trim 8	ASTM A216 WCB	ASTM A479 410	ASTM A216 WCB	Stainless steel 304 SW Graphite filled	426	13379033
ASTM A352 LCC	2" [50]	178	Hand wheel, non-rising with rising stem	Trim 16	ASTM A351 CF8M	ASTM A479 316	ASTM A352 LCC	Stainless steel 316 SW Graphite filled	345	13281639
ASTM A352 LCC	4" [100]	229	Hand wheel, non-rising with rising stem	Trim 16	ASTM A351 CF8M	ASTM A479 316	ASTM A352 LCC	Stainless steel 316 SW Graphite filled	345	13360262
ASTM A352 LCC	8" [200]	292	Hand wheel, non-rising with rising stem	Trim 16	ASTM A351 CF8M	ASTM A479 316	ASTM A352 LCC	Stainless steel 316 SW Graphite filled	345	13360284
ASTM A352 LCC	12" [300]	356	Hand wheel, non-rising with rising stem	Trim 16	ASTM A351 CF8M	ASTM A479 316	ASTM A352 LCC	Stainless steel 316 SW Graphite filled	345	13360288
ASTM A352 LCC	20" [500]	457	Gearbox	Trim 16	ASTM A351 CF8M	ASTM A479 316	ASTM A352 LCC	Stainless steel 316 SW Graphite filled	345	13360293

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.