

PK Check valve Type: 8530 Steel Flange Class 300

Cast steel check valve, swing type, with bolted cover and flanged ends, Class 300.



Characteristics

Type: 8530
Norm: ASME
Construction type: Straight
Housing material: Steel
Material quality: ASTM A352 LCC
Surface protection: Standard manufacturers coating
Connection: Flange
Pressure rating: Class 300
Flange finish: Raised face
Face to Face norm: ASME B16.10, T2, Serie 17
Valve shape: Swing type
Maximum pressure difference at 20 °C: 50 bar

Technical Information

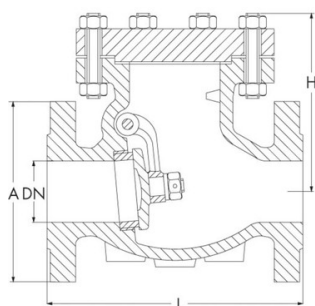
- Design: BS 1868, ASME B16.34.
- Testing: API598.
- Emission standard: TA Luft, ISO 15848 class B.

Options

- Available in Class 150; type 8515.
- 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.

Application

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



DN ["]	A mm	L mm	H mm	Weight [kg]
2	152	203	160	21
3	191	241	190	42
4	229	292	225	64
6	279	356	260	124
8	343	495	320	222
10	406	622	350	291
12	483	699	380	444
14	534	787	405	632
16	595	864	460	786

-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
19,8	19,5	17,7	15,8	13,8	12,1	10,2	9,3	8,6

ASTM A352 LCC may not be used over 345° C

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Non-return Valves | Non-return Valves with Flange Connection

-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
Check the data above to ASME B16.34 (latest revision)								

Nominal inner diameter	Face to Face length	Sealing	Material disc	Material cover	Material cover gasket	Material shaft	Material jointed arm	Minimum medium temperature (continuous)	Maximum medium temperature (continuous)	Article
	mm							°C	°C	
3" [80]	318	Trim 8	ASTM A217 CA15	ASTM A216 WCB	Stainless steel 304 SW Graphite filled	ASTM A276 410	ASTM A216 WCB	-20	426	12999812
8" [200]	533	Trim 8	ASTM A217 CA15	ASTM A216 WCB	Stainless steel 304 SW Graphite filled	ASTM A276 410	ASTM A216 WCB	-20	426	13401181
3" [80]	318	Trim 16	ASTM A351 CF8M	ASTM A352 LCC	Stainless steel 316 SW Graphite filled	ASTM A479 316	ASTM A352 LCC	-46	345	13401194
4" [100]	356	Trim 16	ASTM A351 CF8M	ASTM A352 LCC	Stainless steel 316 SW Graphite filled	ASTM A479 316	ASTM A352 LCC	-46	345	13401195
6" [150]	445	Trim 16	ASTM A351 CF8M	ASTM A352 LCC	Stainless steel 316 SW Graphite filled	ASTM A479 316	ASTM A352 LCC	-46	345	13401196

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