

Bottom Blowdown Valve

Type 7180/7180p

Description

The valve type 7180 is especially designed to blowdown the lower part of industrial boilers. The 7180P version is equipped with a pneumatic actuator.

Characteristic

Fanges DN25 to DN50

Design ANSI B16-34 PN50

Carbon steel 1.0619 / A216WCB - Stainless steel 1.4408 / A351CF8M

Connection by Flanges PN40 or Class 150, Class 300

Clapet TOR On/Off cone with stellited seat

Kv 10...40

Packing PTFE/SS

TMA : -10°C ...250°C

Options

Limit Switch

Solenoid valve

Non standard position of the lever

Actuator

On valve 7180P, an actuator type PA35 is installed. The maximum pressure is 6 bar.

Operation

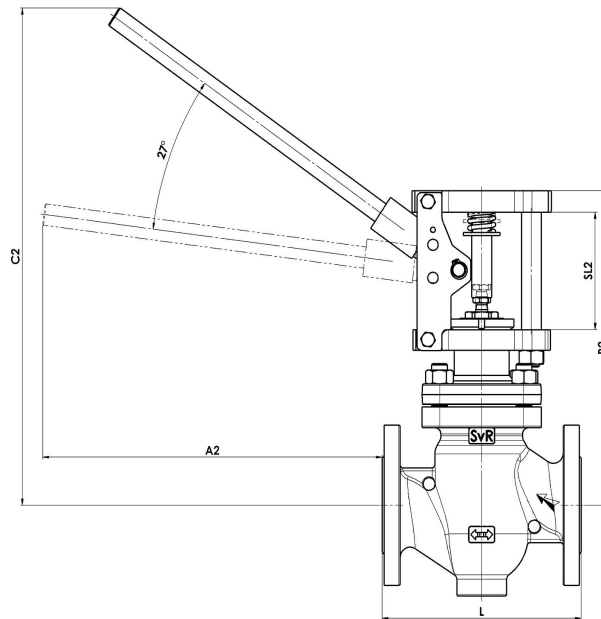
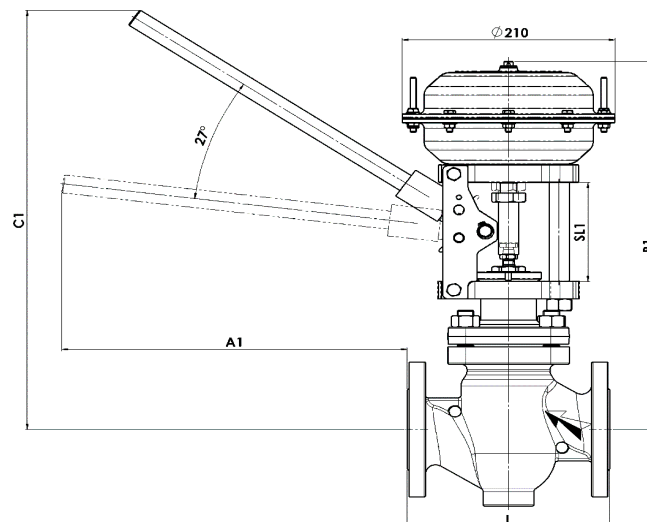
The cone of the valve type 7180 can be moved by a manual lever. After opening, the valve goes automatically on close position when the lever is released. The lever can be kept on open position with a pin fitted on the valve.



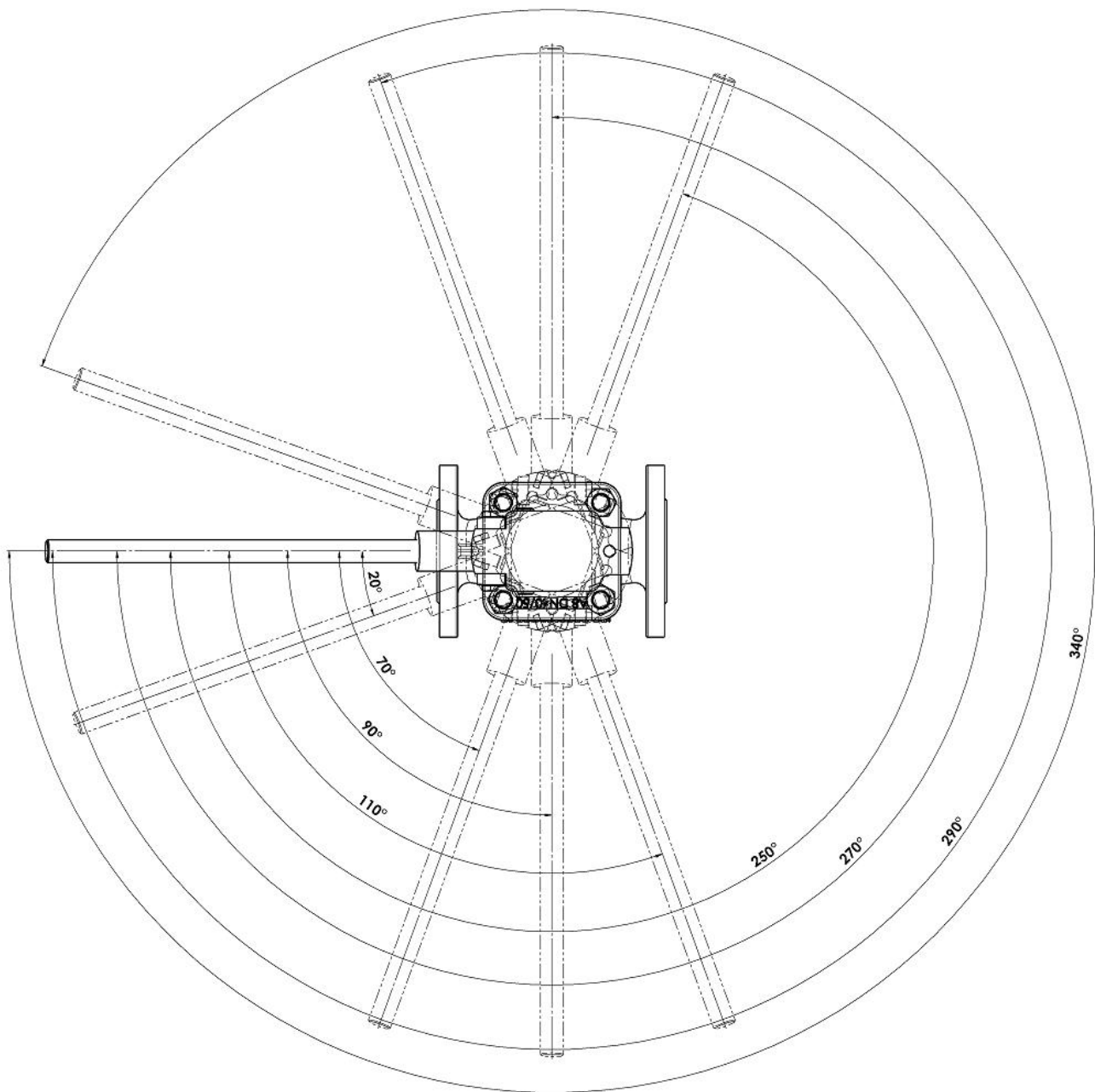
DN	Kvs m³/h
25	10,0
32	16,0
40	25,0
50	40,0
65	63,0

Tableau 1: Kv values

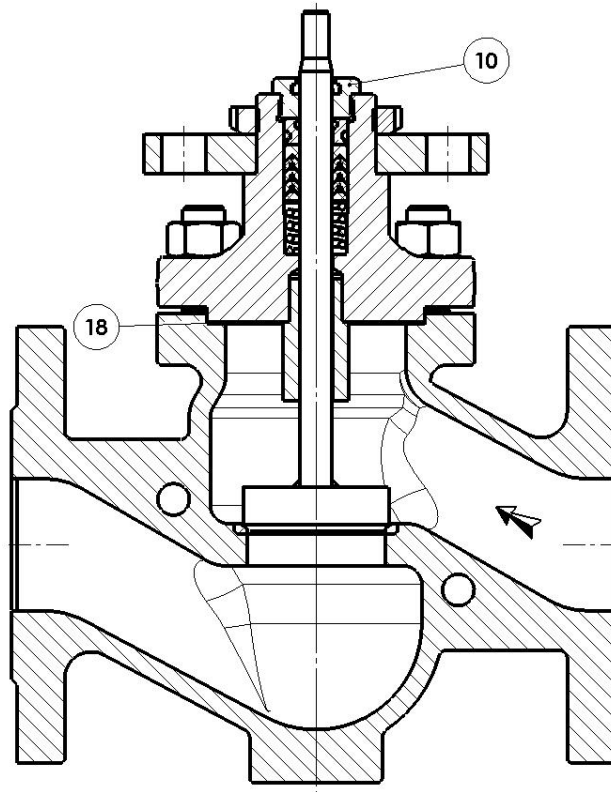
Dimensions

Type 7180

Type 7180P


DN	ISO PN40	CLASS 150		CLASS 300		7180 P				7180				Weight [kg]
		RF	RTJ	RF	RTJ	A1	B1	SL1	C1	A2	B2	SL2	C2	
		L												7180 / 7180P
25	160	184	197	197	210	356	381	110	402	358	268	110	419	13/17
32	180	/	/	/	/	347	386	110	407	347	273	110	407	15/19
40	200	222	235	235	248	337	409	110	446	337	295	110	446	18/22
50	230	254	267	267	283	323	404	110	442	322	291	110	442	21/25
65	290	/	/	/	/	293	410	110	447	292	298	110	448	26/31

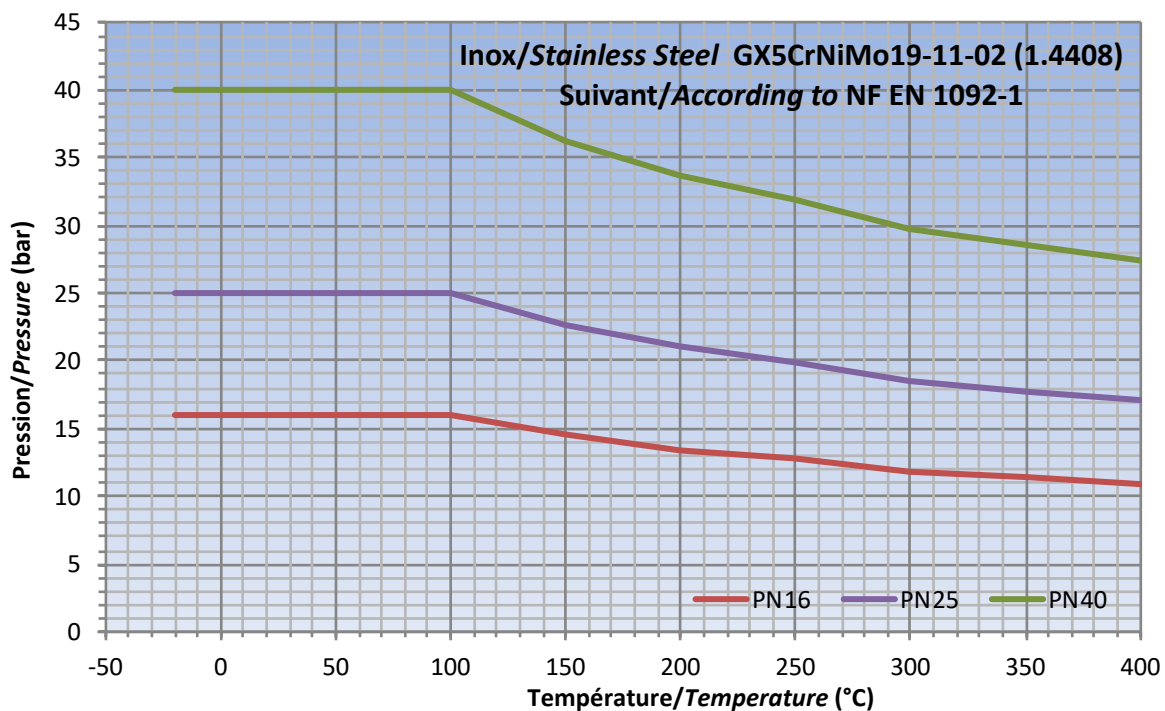
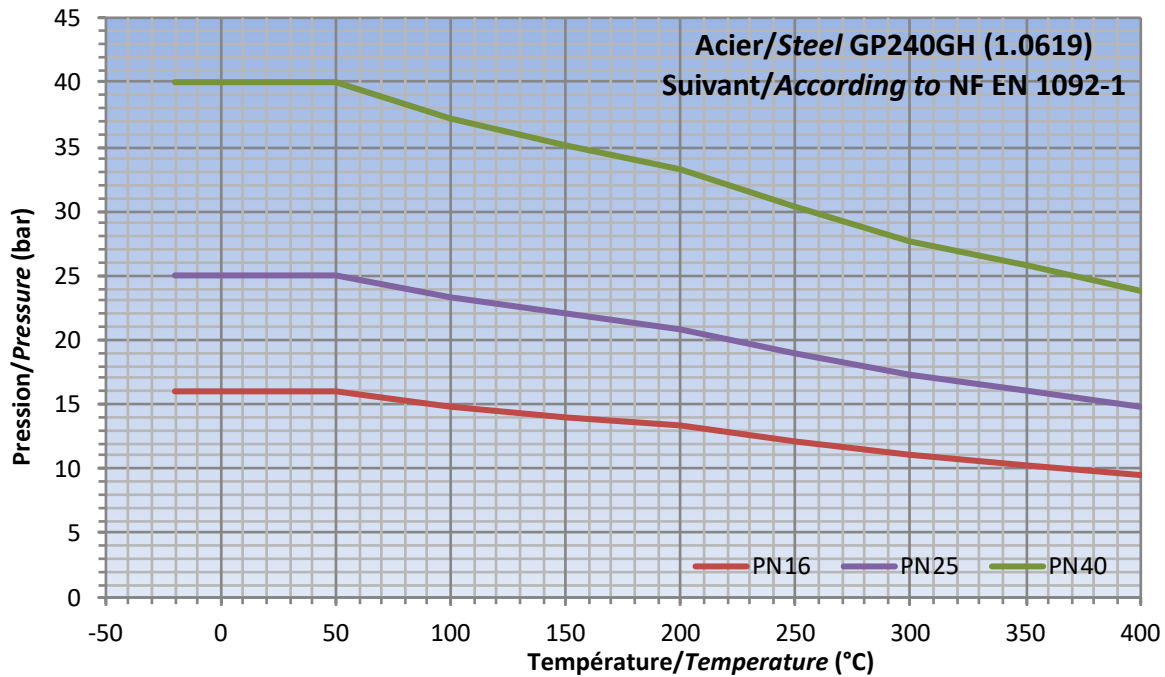


Spare List



Rep.	Désignation	Description	Matériau/Material
10	Presse étoupe	stuffing box	
18	Joint plat	gasket	Graphite

Pressure / Temperature chart



Pressure / Temperature chart

