

Bellows type, Cryogenic Liquids and In-line

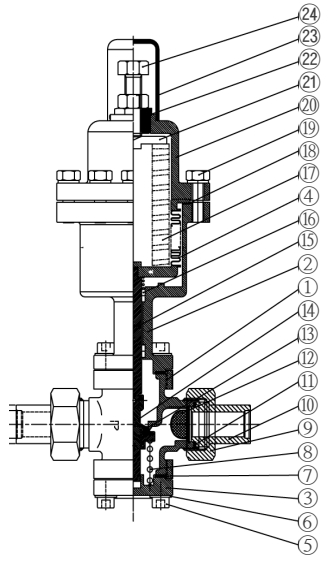
“Corrosive Gas Pressure Regulator” is designed to control pressure on both cryogenic liquid system and in-line. This is used extensively in bulk storage tanks, portable liquid cylinders, vaporizer and pipelines for NH₃, LC₂H₄ and LCL₂. As bellows are used instead of diaphragm, Cv value of regulator is much bigger than the others.

NS_530



Service characteristics

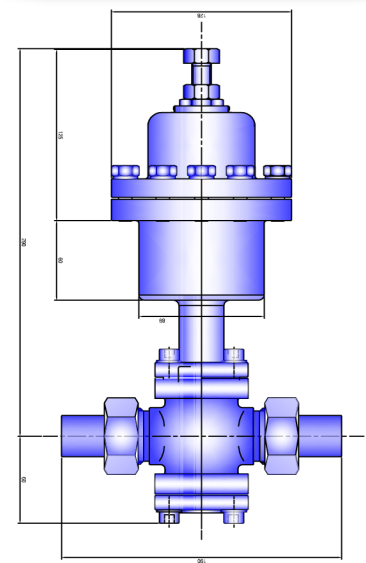
No	Name	Material	No	Name	Material
1	Body	CF 8	13	Disc Set	PCTFE
2	Cup-Bonnet	CF 8	14	Shaft	SUS 304
3	Flange	CF 8	15	Stem	SUS 304
4	Bellows	SUS304	16	Packing	PTFE
5	Bolt	SUS	17	Act-Spring	SUS
6	Washer	SUS	18	BL-Gasket	V7020
7	Body Gasket	V7020	19	Bolt	SUS
8	Disc Spring	SUS	20	Spring Cup	AL6061
9	Swing	SUS304	21	Bolt Disk	SUS304
10	Nut	C3604	22	Cup Boss	C3604
11	Gasket	V7020	23	Bolt Cup	AL6061
12	Filter	SUS304	24	Adjust Bolt	SUS



Product Specifications

Description	G
Design Pressure	3.5 MPa
Design Temperature	-60°C~60°C
Kind of Fluid	NH ₃ , LC ₂ H ₄ , LCL ₂
Hydrostatic Test	5.3 MPa
Pneumatic Test	3.9 MPa
Adjust Range	0.5~3.5 MPa

* No maintenance is required other than replacement of seat assembly if any problems happen.



NS530 Ordering information

Model No.	SIZE	ØD	d	d1	L	L1	A	B	Cv
NS530-15	1/2" (15A)	15	17	21.7					
NS530-25	1" (25A)	25	25	34	60	290	190	128	3.2

*1. Manufactured by exclusive technology.
2. G model for gas .

3. L model is recommended to be upright.