

# BC Cryogenic Check Valve

| NSTE Corporation Limited

## Lift Type for Cryogenic Liquid

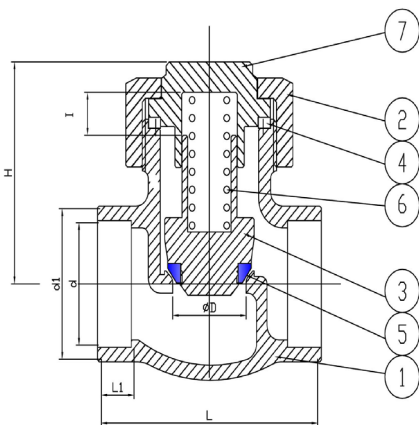
“BC Cryogenic Lift Check Valve” is designed to provide positive shut-off of cryogenic gas systems. This valve is used extensively in bulk storage tanks, portable liquid cylinders and pipelines for LO<sub>2</sub>, LN<sub>2</sub>, LAr and LNG.

**NS\_200B**



### Product Specifications

Design pressure: 3.0MPa  
 Design temperature: -196°C~75°C  
 Kind of fluid: LN<sub>2</sub>, LO<sub>2</sub>, LAr, LCO<sub>2</sub>, LNG, LC<sub>2</sub>H<sub>4</sub>  
 Hydrostatic test pressure: 4.5MPa  
 Pneumatic test pressure: 3.3MPa



### Service characteristics

No	Name	Material	No	Name	Material
1	Body	BC 7	7	Bonnet	C3604
2	Union Nut	BC 7			
3	Valve Disc	C3604			
4	Gasket	V#7020			
5	Disc Seat	PCTFE			
6	Spring	STS 304			

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

### NS200b Ordering information

Model No.	SIZE	ØD	d	d1	L	L1	I	H	Cv
NS200b-15A	1/2" (15A)	15	21.9	30	62	9	10	53	2.9
NS200b-20A	3/4" (20A)	20	27.4	36.8	70	11	12	62	6.1
NS200b-25A	1" (25A)	25	34.2	44	76	12	13.5	67	9.3
NS200b-40A	1 1/2" (40A)	40	48.8	62	110	14	22	267	22.0
NS200b-50A	2" (50A)	50	61.0	74	130	15	25	275	38.0

\*Valves are manufactured by patented technology.



<http://www.nstecontrol.com> E-mail: [jyc9400@naver.com](mailto:jyc9400@naver.com)  
 320, Jedo-ro 1041beon-gil, Gangseo-gu, Busan  
 Tel. +82-51-941-3131 Fax +82-51-941-3132

