BAITU CRYOGENIC VALVE

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LNG Filling Station

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Cryogenic Economizer

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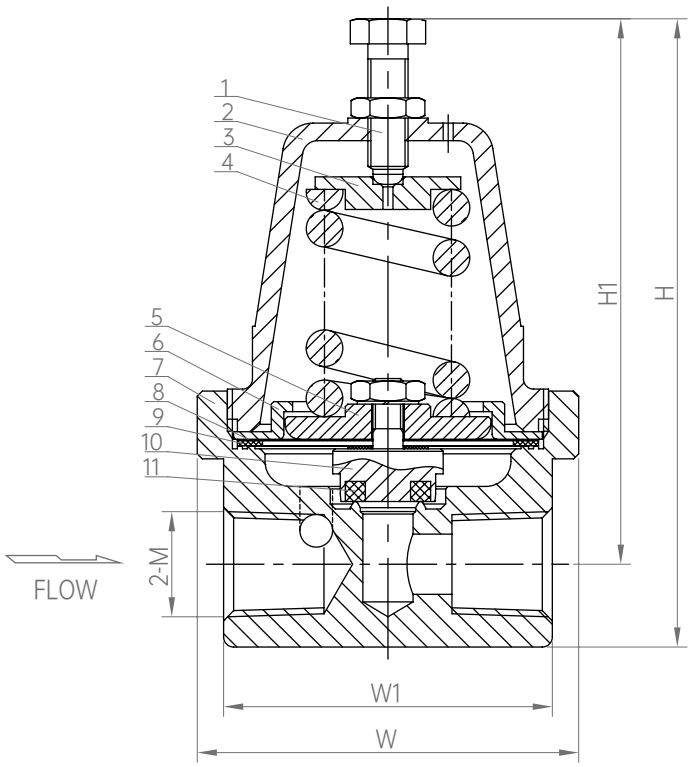
BAITU CRYOGENIC VALVE

Cryogenic Economizer

Cryogenic Economizer

Parameters

PN: 4.0MPa
DN: Ø15
Design Temp.: -196℃ ~+80℃
Media: LNG. LO_2. LN_2. LAr. $C0_2$



This kind of product has certified by CE, EAC, TS and CCS.
This economizer is used for pressure reducing of cryogenic vessels, and use gas phase in priority when choosing gas or liquid phase.
Standards: GB/T 24925, EN1626:2008,TR CU 032/2013

Materials

1	Adjusting Screw	S31608	5	Spring Bottom Pad	HPb59-1	9	Sealing	RPTFE
2	Bonnet	CF8	6	Gland Ring	H62	10	Disc	S30408
3	Spring Upper Pad	HPb59-1	7	Body	CF8	11	Gasket	PTFE+MoS2
4	Spring	S30210	8	Diaphragm	QSn6.5-0.1			

Model No.	Specifications & Dimensions (mm)						Pressure Adjusting Range (MPa)	Weight(kg)
	H	H1	W	W1	D0	M		
DYJ-15	125	108	Ø76	65	Ø15	Rc1/2	0.2 ~ 0.8	1.2
DYJ-15A2	125	108	Ø76	65	Ø15	Rc1/2	0.8 ~ 2.0	1.3
DYJ-15A3	125	108	Ø76	65	Ø15	Rc1/2	2.0 ~ 3.0	1.2
DYJ-15A4	125	108	Ø76	65	Ø15	Rc1/2	3.0 ~ 3.5	1.2

Cryogenic Economizer

Parameters

PN: 4.0MPa
DN: Ø15
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Media: LNG. LO_2. LN_2. LAr. $C0_2$




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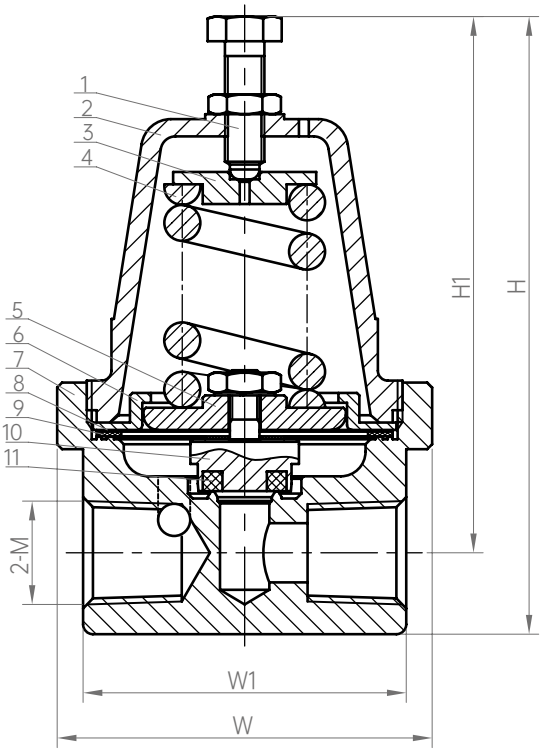


Materials

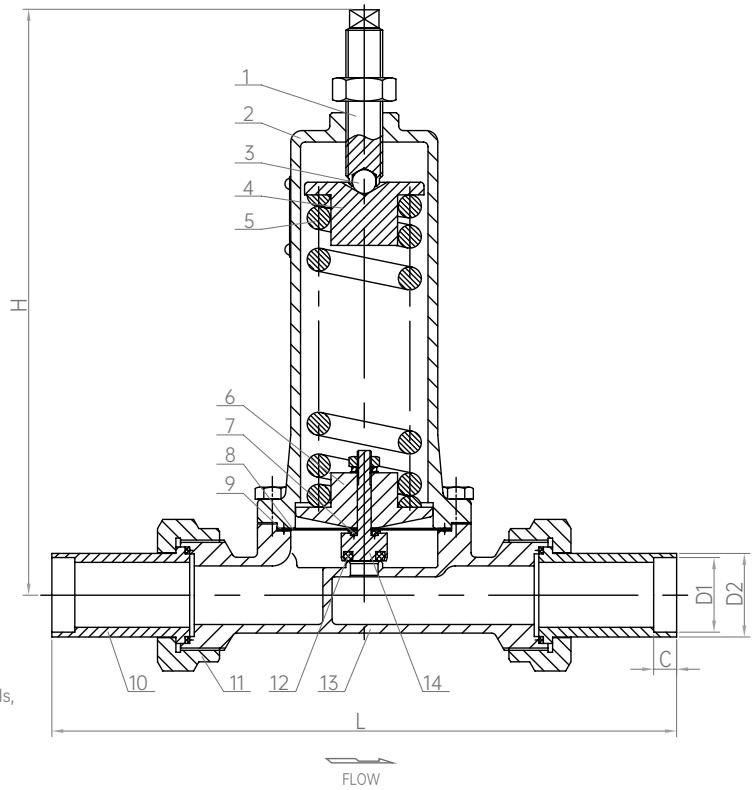
1	Adjusting Screw	S31608	5	Spring Bottom Pad	HPb59-1	9	Sealing	RPTFE
2	Bonnet	CF8	6	Gland Ring	H62	10	Disc	S30408
3	Spring Upper Pad	HPb59-1	7	Body	CF8	11	Gasket	PTFE+MoS2
4	Spring	S30210	8	Diaphragm	QSn6.5-0.1			

Model No.	Specifications & Dimensions (mm)						Pressure Adjusting Range (MPa)	Weight(kg)
	H	H1	W	W1	D0	M		
DYJ-15B	125	108	Ø76	65	Ø15	NPT 1/2	0.2 ~ 0.8	
DYJ-15B2	125	108	Ø76	65	Ø15	NPT 1/2	0.8 ~ 2.0	
DYJ-15B3	125	108	Ø76	65	Ø15	NPT 1/2	2.0 ~ 3.0	
DYJ-15B4	125	108	Ø76	65	Ø15	NPT 1/2	3.0 ~ 3.5	

Cryogenic Economizer

Parameters

PN: 4.0MPa
DN: Ø25
Design Temp.: -196℃ ~+80℃
Media: LNG. LO_2. LN_2. LAr. CO_2



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Materials

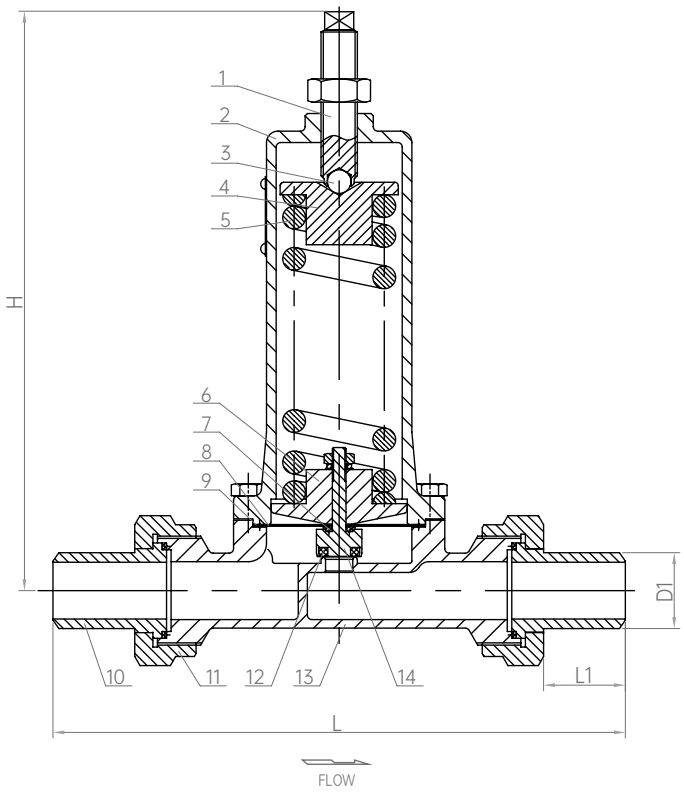
1	Adjusting Screw	HPb59-1
2	Bonnet	CF8
3	Ball	S30408
4	Spring Pad	S30408
5	Spring	S30210
6	Gland Pad	S30408
7	Sealing	PTFE
8	Diaphragm	QSn6.5-0.1
9	Sealing	RPTFE
10	Pipe	S30408
11	Nut	HPb59-1
12	Gasket	PTFE+MoS2
13	Body	CF8
14	Disc	S30408

Model No.	Specifications & Dimensions (mm)						Pressure Adjusting Range (MPa)	Weight(kg)
	H	H1	W	W1	D0	M		
DYJ-25	256	272	Ø25	Ø32.5	Ø36.5	10	0.2 ~ 0.8	5.3
DYJ-25A	256	272	Ø25	Ø32.5	Ø36.5	10	0.8 ~ 1.6	5.1
DYJ-25A1	256	272	Ø25	Ø32.5	Ø36.5	10	1.6 ~ 3.5	5.1

Cryogenic Economizer

Parameters

PN: 4.0MPa
DN: Ø25
Design Temp.: -196℃ ~+80℃
Media: LNG. LO_2. LN_2. LAr. $C0_2$



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Materials

1	Adjusting Screw	HPb59-1	6	Gland Pad	S30408	11	Nut	HPb59-1
2	Bonnet	CF8	7	Sealing	PTFE	12	Gasket	PTFE+MoS2
3	Ball	S30408	8	Diaphragm	QSn6.5-0.1	13	Body	CF8
4	Spring Pad	S30408	9	Sealing	RPTFE	14	Disc	S30408
5	Spring	S30210	10	Pipe	S30408			

Model No.	Specifications & Dimensions (mm)					Pressure Adjusting Range (MPa)	Weight(kg)
	H	L	L1	D0	D1		
DYJ-25B	256	252	36	Ø25	Ø32	0.2 ~ 0.8	5.1
DYJ-25B1	256	252	36	Ø25	Ø32	0.8 ~ 1.6	5.1
DYJ-25B2	256	252	36	Ø25	Ø32	1.6 ~ 3.5	5.1

Cryogenic Economizer

Parameters

PN: 4.0MPa
DN: Ø25
Design Temp.: -196℃ ~+80℃
Media: LNG. LO_2. LN_2. LAr. $C0_2$

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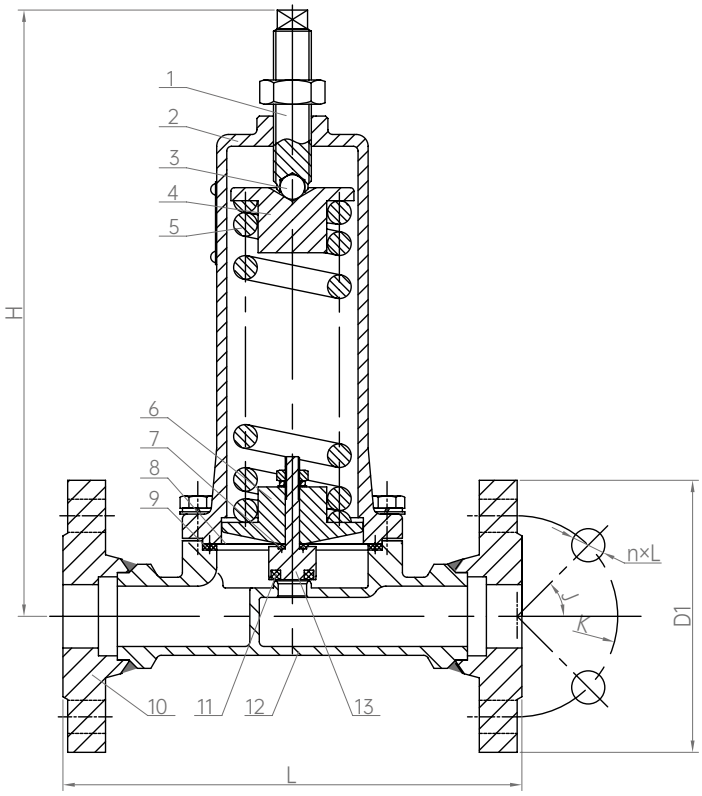


Materials

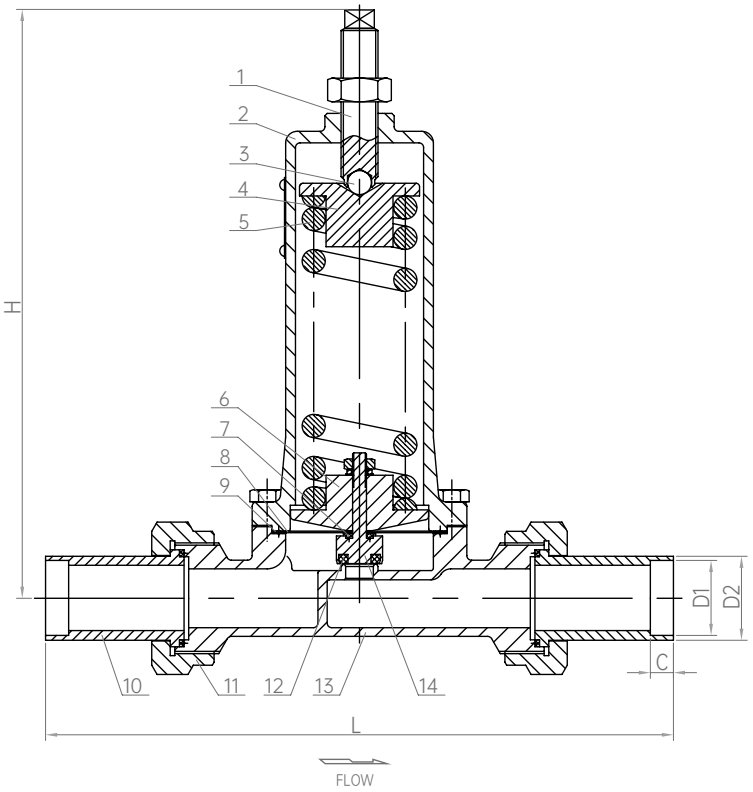
1	Adjusting Screw	HPb59-1
2	Bonnet	CF8
3	Ball	S30408
4	Spring Pad	S30408
5	Spring	S30210
6	Gland Pad	S30408
7	Gasket	PTFE
8	Diaphragm	QSn6.5-0.1
9	Gasket	RPTFE
10	Flange	S30408
11	Gasket	PTFE+MoS2
12	Body	CF8
13	Disc	S30408

Model No.	Specifications & Dimensions (mm)								Pressure Adjusting Range (MPa)	Weight(kg)
	H	L	D0	D1	K	n	L	J		
DYJ-25F	256	194	Ø25	Ø115	Ø85	4	Ø14	45°	0.2 ~ 0.8	
DYJ-25F1	256	194	Ø25	Ø115	Ø85	4	Ø14	45°	0.8 ~ 1.6	
DYJ-25F2	256	194	Ø25	Ø115	Ø85	4	Ø14	45°	1.6 ~ 3.5	

Cryogenic Economizer

Parameters

PN: 4.0MPa
DN: Ø25
Design Temp.: -196℃ ~+80℃
Media: LNG. LO_2. LN_2. LAr. CO_2



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Materials

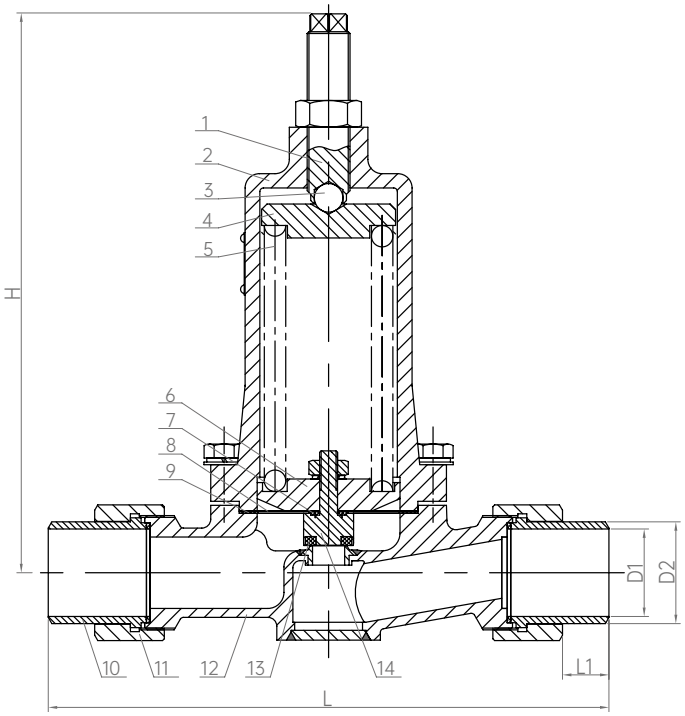
1	Adjusting Screw	HPb59-1	6	Gland Pad	S30408	11	Nut	HPb59-1
2	Bonnet	CF8	7	Sealing	PTFE	12	Gasket	PTFE+MoS2
3	Ball	S30408	8	Diaphragm	QSn6.5-0.1	13	Body	CF8
4	Spring Pad	S30408	9	Sealing	RPTFE	14	Disc	S30408
5	Spring	S30210	10	Pipe	S30408			

Model No.	Specifications & Dimensions (mm)					Pressure Adjusting Range (MPa)	Weight(kg)
	H	L	L1	D0	D1		
DYJ-25Y	256	252	36	Ø25	Ø33.4	0.2 ~ 0.8	
DYJ-25Y1	256	252	36	Ø25	Ø33.4	0.8 ~ 1.6	
DYJ-25Y2	256	252	36	Ø25	Ø33.4	1.6 ~ 3.5	

Cryogenic Economizer

Parameters

PN: 4.0MPa
DN: Ø40
Design Temp.: -196℃ ~+80℃
Media: LNG. LO_2. LN_2. LAr. CO_2



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Materials

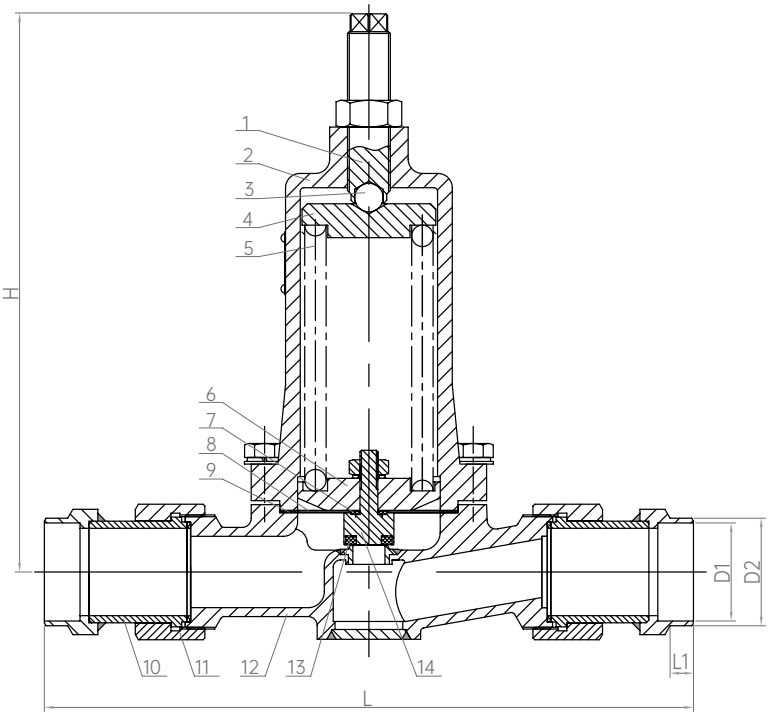
1	Adjusting Screw	S31608	6	Bottom Gland Pad	S30408	11	Nut	HPb59-1
2	Bonnet	CF8	7	Sealing	PTFE	12	Body	CF8
3	Ball	9Cr18	8	Diaphragm	S30408	13	Gasket	PTFE+MoS2
4	Upper Gland Pad	S30408	9	Sealing	RPTFE	14	Disc	S30408
5	Spring	S30210	10	Pipe	S30408			

Model No.	Specifications & Dimensions (mm)						Pressure Adjusting Range (MPa)	Weight(kg)
	H	H1	W	W1	D0	M		
DYJ-40	311	308	24	Ø40	Ø39	Ø45	0.2 ~ 0.8	11.2
DYJ-40A	311	308	24	Ø40	Ø39	Ø45	0.8 ~ 1.6	11.2
DYJ-50	311	312	26	Ø50	Ø49	Ø57	0.2 ~ 0.8	11.7
DYJ-50A	311	312	26	Ø50	Ø49	Ø57	0.8 ~ 1.6	11.7

Cryogenic Economizer

Parameters

PN: 4.0MPa
DN: Ø50
Design Temp.: -196℃ ~+80℃
Media: LNG. LO_2. LN_2. LAr. CO_2



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Materials

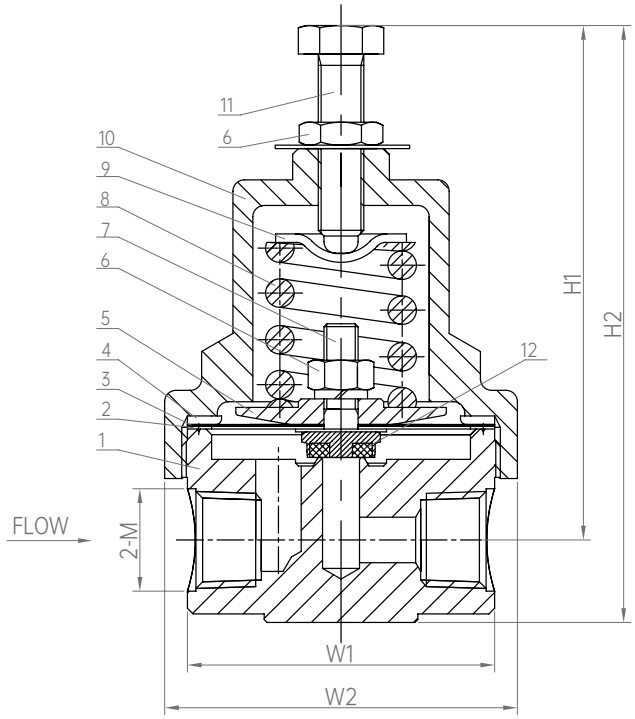
1	Adjusting Screw	S31608	7	Gland	S30408	13	Gasket	PTFE+MoS2
2	Bonnet	CF8	8	Diaphragm	S30408	14	Disc	S30408
3	Ball	9Cr18	9	Gasket	RPTFE	15	Gasket	PTFE
4	Upper Gland Pad	S30408	10	Pipe	S30408	16	Bottom Bonnet	S30408
5	Spring	S30210	11	Nut	HPb59-1			
6	Bottom Gland Pad	S30408	12	Body	CF8			

Model No.	Specifications & Dimensions (mm)						Pressure Adjusting Range (MPa)	Weight(kg)
	H	L	L1	D0	D1	D2		
DYJ-50Y	311	364	13	Ø50	Ø49	Ø60.3	0.2 ~ 0.8	11.7
DYJ-50Y1	311	364	13	Ø50	Ø49	Ø60.3	0.8 ~ 1.6	11.7

Cryogenic Economizer

Parameters

PN: 4.0MPa
DN: Ø10
Design Temp.: -196℃ ~+80℃
Media: LNG. LO_2. LN_2. LAr. $C0_2$



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Materials

1	Body	C37700	5	Spring Bottom Pad	S36000	9	Spring Upper Pad	S30408
2	Washer	D#9000	6	Nut	S30408	10	Bonnet	C37700
3	Diaphragm	QSn6.5-0.1	7	Disc	C36000	11	Adjusting Screw	S30408
4	Gland Ring	C36000	8	Spring	S30210	12	Gasket	PFA

Remarks: The material of TJ10A1 is PCTFE.

Model No.	Specifications & Dimensions (mm)					Pressure Adjusting Range(Mpa)	Weight(kg)
	H1	H2	W1	W2	M		
TJ-10	88	105	54	Ø62	NPT3/8	P2=0.2~1.6	0.8
TJ-10A	88	105	54	Ø62	NPT3/8	P2=1.0~2.76	0.8
TJ-10A1	88	105	54	Ø62	NPT3/8	P2=2.76~3.5	0.8

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