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# A-ONE

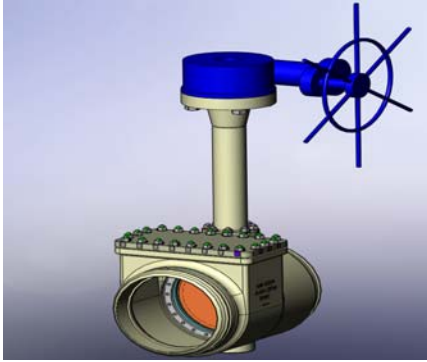
Automatic Valves  
Electric On/Off & Control Valves  
Pneumatic Actuator & Valves

## FLUID CONTROL SOLUTION



**A-ONE AUTO VALVE**

# Cryogenic Butterfly Valves (MODEL Name : SA)



## ● Application

- Liquefied Natural Gas(LNG)
- Liquefied Oxygen Gas
- Liquefied Helium Gas
- Chemical Plants
- Power Plant-Fossil Fuel
- Foundries
- Fats, Oils, Fatty

## \*Specification

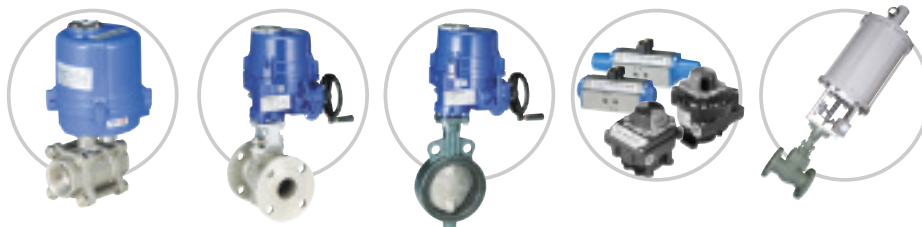
Valve Size	100A ~ 1200A, 4" ~ 48"
SEAT MATERIAL	PCTFE(KEL-F), METAL(Harden)
Actuator Type	Double Acting Cylinder
Operating Media	Compressed Dry Air
Operating Pressure	3 ~ 7kgf/cm <sup>2</sup>
Fluid Temperature	-196 ~ 450° C
Rating	ANSI#150,#300,#600
Body Material	Austenite Stainless Steel
Design Code	ANSI B16.34, 16.5, ISO5752, BS5155, MS SSP44, API6FA, 607, 598
Accessory	Solenoid Valve, Limit Switch, Air Filter & Regulator, Speed Control, E/P Positioner, Manual Handle

NO.	NAME	PART NO.	QTY.	MATERIAL	REV.	REMARK
1	BODY	SA-001-002	1	AS31-CR.M	0	
2	SEATING	SA-002-007	1	A976-316	0	
3	SEATING	SA-002-005	1	A976-316	0	
4	SEATING	SA-002-004	1	A976-316	0	
5	SEATING	SA-088-004	1	A976-316	0	
6	BOLT	M8x6-H	1	CARBON STEEL	0	
7	D.E.C(대)	SA-003-005A	1	A976-316	0	
8	D.E.C(대)	SA-003-008	1	A976-316	0	
9	D.E.C(대)	SA-003-002C	1	AS31-CR.M	0	
10	GASKET	SA-008-005	1	GRAPHITE+304	0	
11	PNL	SA-081-005	4	A976-410	0	
12	STEM(대)	SA-005-003	1	A976-316	0	
13	GASKET	SA-008-004	1	TEFLON	0	
14	GASKET	SA-008-007	1	GRA+METAL	0	
15	GASKET	SA-008-003	1	GRAPHITE+304	0	
16	ROUNNEL	SA-010-003	1	AS31-CR.M	0	
17	CAP	SA-010-002	1	A976-410	0	
18	PACKING	SA-015-002	1	GRAPHITE+MONELWRE	0	
19	BUSHING(대)	SA-016-003	2	A976-410	0	
20	BUSHING(대)	SA-016-004	2	A976-410	0	
21	GLAND	SA-017-005	1	A976-316	0	
22	GLAND FLANGE	SA-018-002	1	A105	0	
23	SLEEVE WASHER	SA-023-010	1	TEFLON	0	
24	SPRING WASHER	M10	2	SUS	0	
25	SPRING WASHER	M20	4	SUS	0	
26	TAP WASHER	DN 453 M12	30	TYPE 316	0	
27	O-RING	SA-078-002	1	A976-304	0	
28	WRENCH BOLT	M8x10	12	A193-B7	0	
29	WRENCH BOLT	M10x25	2	A193-B7	0	
30	BOLT	M12x55-A	30	A193-B7	0	
31	BOLT	M20x60	4	A193-B7	0	
32	NUT	M12 X F1.75	30	SUS	0	
33	O-RING	F48	3	VITON	0	
34	O-RING	G58	3	VITON	0	
35	GEAR BOLT	GEAR BOLT 002-15	1	STEEL	0	
36	SEESCREW	M10x30	1	SUS	0	
37	NUT	M10 X F1.5	1	SUS	0	

## \*Dimension

ANSI #150 RF unit : mm

Model	Valve Size		H	L	Cv	WEIGHT (Kg)
	mm	Inch				
SA150	150	6"	610	395	906	80
SA200	200	8"	640	410	1730	96
SA250	250	10"	665	455	2810	147
SA400	400	16"	807	555	7850	335
SA500	500	20"	932	625	12880	555
SA800	800	32"	1240	830	37210	1606
SA1000	1000	40"	1590	1190	62320	3040



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@ 2008 Year (No.1)

※ The product is subject to change for technical development and quality improvement without prior notice.