VECTOR™
VELOCITY CONTROL TECHNOLOGY

Multi-Hole Cage Guided Control Valves

550G SERIES

KOSO

KOSO Control Valves and Instrumentation Systems

As a leader in industrial control valve manufacturing with strong research and development and engineering capabilities, KOSO has been meeting exacting customer requirements for more than thirty years. Offering a wide range of product lines, KOSO is committed to providing high quality reliable control valves, actuation, instrumentation and factory automation systems produced in compliance with ISO 9001 standards.

If you have questions about the technical data contained in this catalog or require additional materials, please contact the KOSO sales representative nearest you.

550G Multi-hole Cage Guided Control Valves

GENERAL

This Series provides control valves that meet low noise and anti-cavitation requirements by incorporating a multi-hole type cages, instead of the standard cage, in the 501G Series cage guided control valves. All the parts except the multi-hole cage are interchangeable with the parts of the 501G Series accordingly. For those severe fluid conditions that cannot be covered by this Series, please select KOSO multi-stage type control valves.

STANDARD SPECIFICATIONS

BODY

Type	Pressure balanced plug type
Body size	1″～18″(25～450A)
Plug form	Pressure balanced plug
Characteristics	Linear
Trim materials Trim treatment	See Fig. 1 for hardening treatment and operating pressure-temperature.
Body rating	JIS 10K, 20K, 30K, 40K ANSI Class 150, 300, 600 (Max. Rating Class 2500)
Body connections	Flanged (RF, RTJ), Weld ends (SW : under 2″, BW : over 3″)
Face to Face dimension	See pages 14-25
Body & Bonnet Material	SCPH2/WCB, SCPH21/WC6, SCPH61/C5, SCPL1/LCB, SCS13A/CF8, SCS14A/CF8M, and other alloy steels. As to the operating pressure-temperature limitation for each material, see Tables 1 and 2.
Bonnet type	Standard type : −5～+230℃ Fin-Extension type : −45～−5℃ −45～under −5℃ or over +230℃ Long-Extension type : −196～−45℃ Note : The allowable operating pressure-temperature limitation for each material.
Packing	Teflon V-ring, Teflon-Asbestos, Grafoil, etc. See Figure 3 for selection.
Gasket	Spiral wound metal, with Grafoil or Teflon filler. See Figure 4 for selection.
Painting color	Munsell N-6 (Epoxy resin group) is standard. In the case of stainless steel body, no painting is standard.

ACTUATOR

Specification \ Type	Diaphragm type	Solid State Electronic type		Pneumatic Cylinder type
	5200LA	3500LB	3600LA	6300LA
	Multi-spring type	DC Motor resolution : 0.3%	AC Motor resolution : 0.4%	Double acting type
Purpose	Modulation	Modulation		Modulation
Air supply or Power supply	Air supply (Spring range) 140 (20～100) kPa[gauge] 300 (80～200) kPa[gauge] 340 (80～200) kPa[gauge] 340 (120～300) kPa[gauge]	Power supply ：AC100V 50/60 Hz Input signal ：4～20 mA DC		Air supply ：400～500 kPa [gauge]
Connection	Air piping : See pages 14-21	Wiring : See pages 22-23		Air piping : See pages 24-25
Direct action	Air to valve shut	Signal increase to valve shut		Valve open or shut by air or electric signal.
Reverse action	Air to valve open	Signal increase to valve open		
Hysteresis	≦ 1% of FS with positioner	≦ 0.5% of FS	≦ 0.8% of FS	≦ 1.5% of FS with positioner
Linearity	≦± 2% of FS with positioner	≦± 1% of FS	≦± 1% of FS	≦± 2% of FS with positioner
Ambient Temp.	−10～+70℃	−10～+55℃		−20～+60℃
Painting	Munsell : N-6	Metallic blue		Munsell : N-6
Option	E/P･P/P-Positioner, Air-set, Solenoid valve, Limit switch, Speed controller, Lock valve, Lock-up valve, Manual handle, etc	Resolution : 0.1%, Split range, Position transmitter	Overload unit	E/P･P/P-Positioner, Air-set, Solenoid valve, Limit switch, Speed controller, Lock valve, Lock-up valve, Manual handle, etc
		Space heater, Junction box, Manual handle, etc		

PERFORMANCE

Rated Cv	See Table 3.	
Flow characteristics	Linear	
Rangeability	20：1～50：1	
Seat Leakage	See Table 1.	Option : ANSI CLASS V
Allowable pressure drops	See Table 4.	

OPTIONAL SPECIAL SPECIFICATIONS (additional cost is required)

Special testing for Body	Material certificate, Liquid penetrant testing, Radiographic testing, Flow characteristic testing, Low temperature testing, Stem testing.
Special cleaning for Body	Oxygen clean, Oil-free, Water-free.
Special specification for Body and Actuator	Sand and Dust proof, Salty environment proof, Cold area proof, Tropical area proof, Not using copper alloy, Special piping and fitting, Vacuum service proof, SUS bolt and nut for exposed parts, Non-standard painting.
Authorization	Japanese government authorization for high pressure gas.

Table 1 BODY/TRIM STANDARD MATERIAL COMBINATION, OPERATING TEMPERATURE AND SEAT LEAKAGE.

① Trim material/treatment vs operating temperature-pressure range : See Fig. 1

② When ANSI Class V for seat leakage is required, please consult with the factory

Table 1-1 BODY MATERIAL : CARBON STEEL

Body material		SCPH2/A216-WCB, SCPH21/A217-WC6, SCPH61/A217-C5, SCPL1/A352-LCB			
Cage	Material	SUS410	SUS410	SUS410	INCONEL
	Treatment	Heat treatment	Heat treatment	Heat treatment	Heat treatment
Plug	Material	SUS410	SUS410	SUS410	SFVA F11A/A182-F11
	Treatment	Heat treatment	Heat treatment	Heat treatment	Stellite full surface
Seat ring	Material	SUS316	SUS410	SUS410	SFVA F11A/A182-F11
	Treatment	Reinforced Teflon	Heat treatment	Heat treatment	Stellite seat
Balance seal	Material	Reinforced Teflon	Reinforced Teflon	Grafoil	Grafoil
Back ring	Material	SUS316	SUS316	—	—
Seat leakage	ANSI	Class VI	Class IV	Class IV	Class IV
	Rated Cv×	bubble-tight	0.01%	0.01%	0.01%
Operating temperature	SCPH2 /WCB Body SCPH21/WC6 Body SCPH61/C5 Body	−5〜+200℃	−5〜+230℃	−5〜+425℃	−5〜+538℃
	SCPL1/LCB Body	−45〜+200℃	−45〜+230℃	−45〜+350℃	−45〜+350℃

Table 1-2 BODY MATERIAL : SCS13A/A351-CF8

Body material		SCS13A/A351-CF8			
Cage	Material	SUS316	SUS316	INCONEL	SUS316
	Treatment	—	—	Heat treatment	—
Plug	Material	SUS316	SUS316	SUS630	SUS316
	Treatment	Hard Chrome plated surface	Hard Chrom plated surface + Stellite seat	Heat treatment	Stellite full surface
Seat ring	Material	SUS316	SUS316	SUS316	SUS316
	Treatment	Reinforced Teflon	Stellite seat	Stellite seat	Stellite full surface
Balance seal	Material	Reinforced Teflon	① Reinforced Teflon	Grafoil	Grafoil
Back ring	Material	SUS316	SUS316	—	—
Seat leakage	ANSI	Class VI	Class IV	Class IV	Class IV
	Rated Cv×	bubble-tight	0.01%	0.01%	0.01%
Operating Temp.		−75〜+200℃	−196〜+230℃	−45〜+300℃	−196〜+538℃

＊① When the fluid temperature is below −75℃, the materials for the balance seal and the back ring will be Fluoroloy G and Elgiloy, respectively.

Table 1-3 BODY MATERIAL : SCS14A/A351-CF8M

Body material		SCS14A/A351-CF8M			
Cage	Material	SUS316	SUS316	SUS316	SUS316
Plug	Material	SUS316	SUS316	SUS316	SUS316
	Treatment	Hard Chrome plated surface	Hard Chrom plated surface + Stellite seat	Hard Chrom plated surface + Stellite seat	Stellite full surface
Seat ring	Material	SUS316	SUS316	SUS316	SUS316
	Treatment	Reinforced Teflon	Stellite seat	Stellite seat	Stellite full surface
Balance seal	Material	Reinforced Teflon	① Reinforced Teflon	Grafoil	Grafoil
Back ring	Material	SUS316	SUS316	—	—
Seat leakage	ANSI	Class VI	Class IV	Class IV	Class IV
	Rated Cv×	bubble-tight	0.01%	0.01%	0.01%
	Operating Temp.	−75〜+200℃	−196〜+230℃	−196〜+538℃	−196〜+538℃

＊① When the fluid temperature is below −75℃, the materials for the balance seal and the back ring will be Fluoroloy G and Elgiloy, respectively.

Table 2 BODY MATERIAL/OPERATING PRESSURE-TEMPERATURE RATING

Table 2-1 ANSI

UNIT : Mpa

	150#						300#						600#					
℃	SCPL1 LCB	SCPH2 WCB	SCPH21 WC6	SCPH61 C5	SCS13A CF8	SCS14A CF8M	SCPL1 LCB	SCPH2 WCB	SCPH21 WC6	SCPH61 C5	SCS13A CF8	SCS14A CF8M	SCPL1 LCB	SCPH2 WCB	SCPH21 WC6	SCPH61 C5	SCS13A CF8	SCS14A CF8M
−196〜38	—	—	—	—	1.90	1.90	—	—	—	—	4.95	4.95	—	—	—	—	9.91	9.92
−45〜38	1.84	—	—	—	1.90	1.90	4.78	—	—	—	4.95	4.95	9.57	—	—	—	9.91	9.92
−5〜38	1.84	1.96	1.99	1.99	1.90	1.90	4.78	5.10	5.16	5.16	4.95	4.95	9.57	10.20	10.32	10.32	9.91	9.92
50	1.81	1.92	1.92	1.92	1.84	1.84	4.72	5.00	5.10	5.16	4.77	4.80	9.46	10.01	10.22	10.32	9.56	9.62
100	1.72	1.76	1.76	1.76	1.56	1.61	4.51	4.63	4.88	5.14	4.08	4.21	9.02	9.27	9.74	10.29	8.17	8.43
150	1.57	1.57	1.57	1.57	1.39	1.47	4.40	4.51	4.63	5.01	3.62	3.85	8.78	9.04	9.26	10.03	7.26	7.69
200	1.40	1.40	1.40	1.40	1.25	1.37	4.26	4.38	4.54	4.88	3.27	3.56	8.54	8.75	9.09	9.75	6.54	7.12
250	1.20	1.20	1.20	1.20	1.16	1.20	4.05	4.16	4.44	4.62	3.04	3.34	8.11	8.33	8.88	9.26	6.10	6.67
300	1.01	1.01	1.01	1.01	1.01	1.01	3.76	3.87	4.23	4.23	2.91	3.15	7.54	7.74	8.48	8.48	5.80	6.32
350	0.84	0.84	0.84	0.84	0.84	0.84	3.59	3.69	4.01	4.01	2.81	3.03	7.18	7.38	8.04	8.04	5.60	6.07
375		0.73	0.73	0.73	0.73	0.73		3.64	3.88	3.88	2.77	2.96		7.28	7.75	7.75	5.54	5.93
400		0.64	0.64	0.64	0.64	0.64		3.44	3.65	3.65	2.74	2.91		6.89	7.31	7.31	5.48	5.81
425		0.55	0.55	0.55	0.55	0.55		2.88	3.50	3.44	2.71	2.87		5.74	7.01	6.91	5.42	5.72
450		0.47	0.47	0.47	0.47	0.47		1.99	3.38	3.08	2.68	2.81		4.00	6.75	6.17	5.37	5.61
475		0.37	0.37	0.37	0.37	0.37		1.35	3.16	2.58	2.65	2.73		2.70	6.32	5.17	5.30	5.46
500		0.28	0.28	0.28	0.28	0.28		0.88	2.77	2.02	2.60	2.67		1.75	5.55	4.04	5.20	5.37
525		0.18	0.18	0.18	0.18	0.18		0.51	2.02	1.53	2.19	2.57		1.03	4.04	3.07	4.77	5.15
538		0.13	0.15	0.15	0.15	0.15		0.34	1.63	1.34	2.18	2.53		0.72	3.26	2.69	4.55	5.06

Table 2-2 JIS

UNIT : Mpa

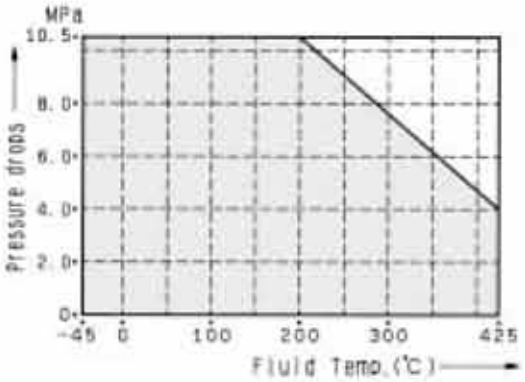
	10K	20K	30K		JIS40K	
℃	SCPH2	SCPH2	SCPH2	SCPH21	SCPH2	SCPH21
−5〜120	1.37	3.33	4.99	4.99	6.66	6.66
〜220	1.17	3.03	4.50	4.50	6.07	6.07
〜300	0.98	2.84	4.21	4.21	5.58	5.58
〜350		2.54	3.82	3.82	5.09	5.09
〜400		2.25	3.33	3.72	4.50	4.99
〜425		1.96	2.94	3.52	3.92	4.70
〜450						4.41
〜475						4.11
〜490						3.92
〜500						3.72
〜510						3.52

Fig. 1 OPERATING TEMPERATURE AND PRESSURE DROPS FOR TRIM MATERIAL COMBINATIONS

Heat treatment
Hard chrome plated

Fig. 1-1

Cage	SUS410 HT
Plug	SUS410 HT
Seat ring	SUS410 HT



Stellite full surface
Stellite seat

Fig. 1-2

Cage	INCONEL HT
Plug	A182-F11 SF
Seat ring	A182-F11 SF

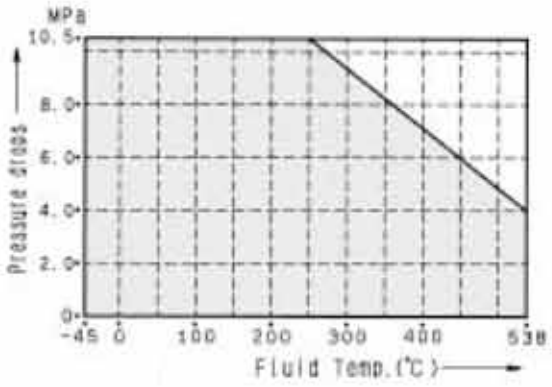


Fig. 1-3

Cage	INCONEL HT
Plug	SUS630 HT
Seat ring	SUS316 SS

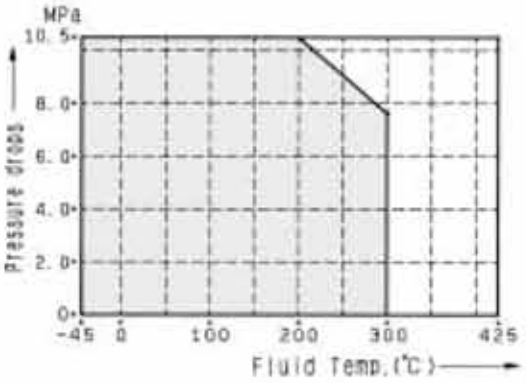


Fig. 1-4

Cage	SUS316	SUS316
Plug	SUS316 SF	SUS316 Hcr+SS
Seat ring	SUS316 SF	SUS316 SS

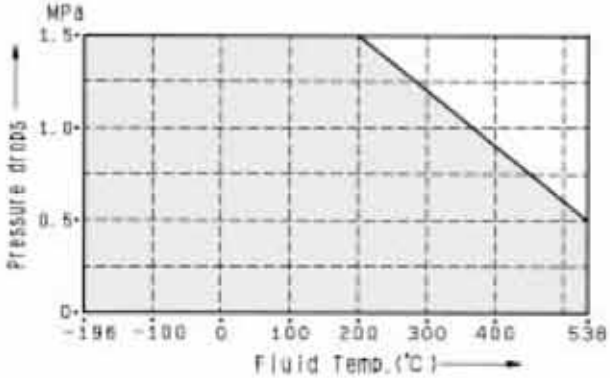


Fig. 1-5

Cage	SUS410	SUS316
Plug	SUS410	SUS316 Hcr
Seat ring	Reinforced Teflon	

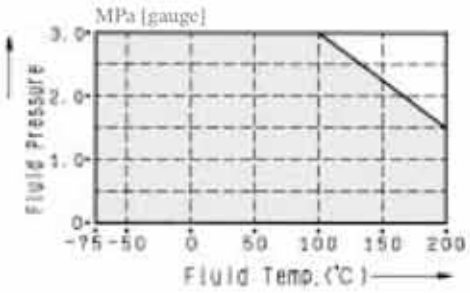


Fig. 2 BALANCE SEAL PRESSURE-TEMPERATURE RATINGS

Fig. 2-1 REINFORCED TEFLON/SUS316

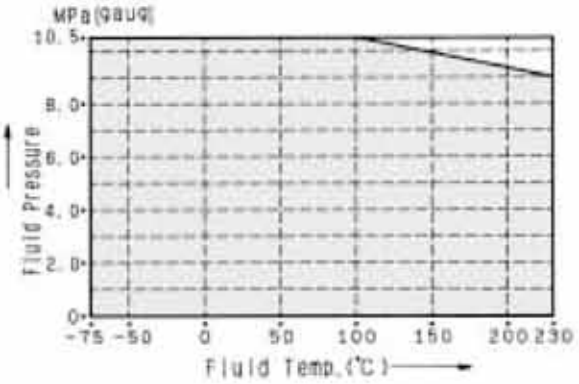


Fig. 2-2 GRAFOIL

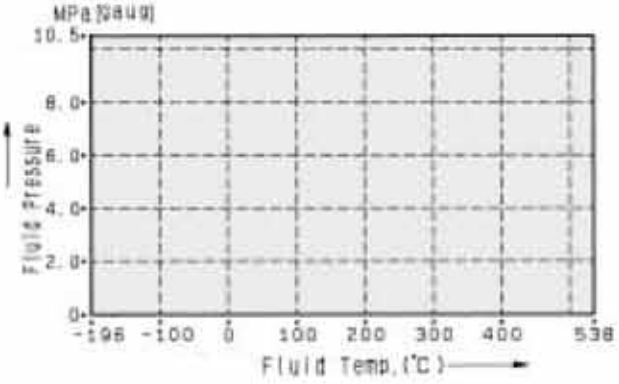


Fig. 2-3 FLUOROLOY G/ELGILOY

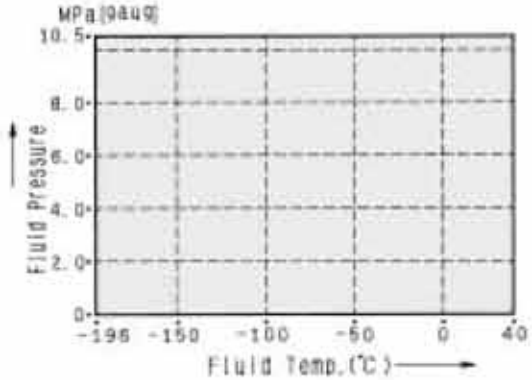


Fig. 3 GLAND PACKING PRESSURE-TEMPERATURE RATINGS

Fig. 3-1 REINFORCED TEFLON V-RING

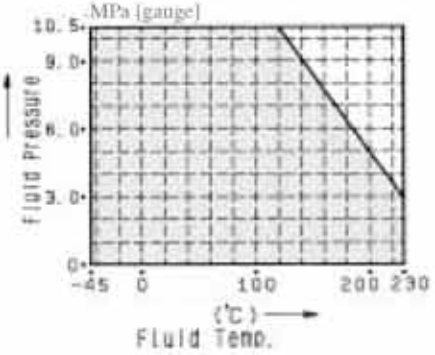


Fig. 3-2 TEFLON ASBESTOS

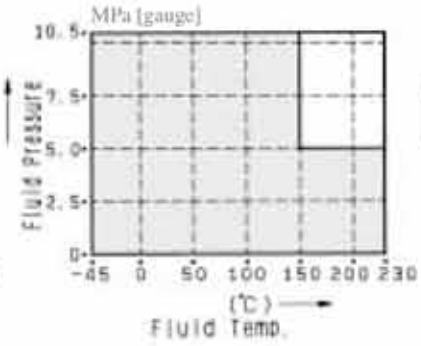


Fig. 3-3 GRAFOIL

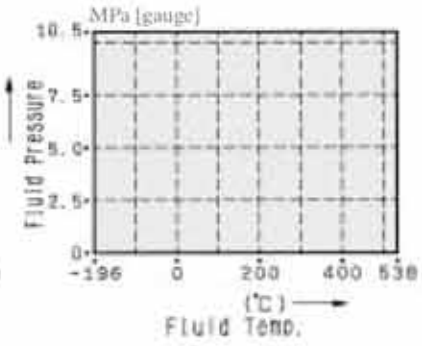


Fig. 4 GASKET PRESSURE-TEMPERATURE RATINGS

Fig. 4-1 GRAFOIL/SUS316

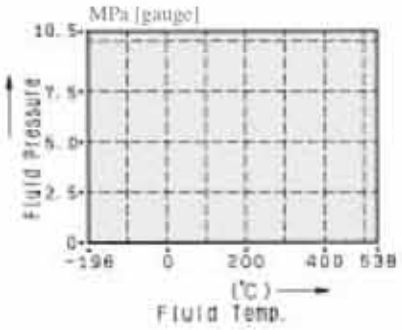


Fig. 4-2 TEFLON/SUS316

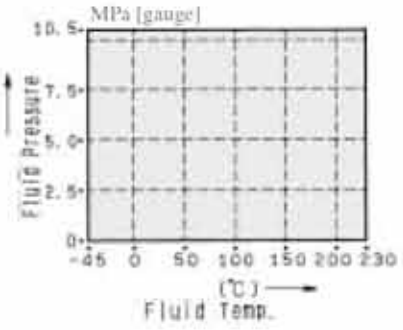


Table 3 Cv VALUE AND STROKE

Valve size inch(mm)	Plug size inch(mm)	Rated Cv	Stroke mm
1 (25)	⅝	6.3	20
	1 (25)	14	20
1½(40)	1 (25)	17	20
	1½(40)	34	25
2 (50)	1½(40)	43	25
	2 (50)	54	30
3 (80)	2 (50)	69	30
	3 (80)	120	40
4(100)	3 (80)	130	40
	4(100)	200	50
6(150)	4(100)	230	50
	6(150)	390	60

Valve size inch(mm)	Plug size inch(mm)	Rated Cv	Stroke mm
8(200)	6(150)	405	60
	8(200)	690	80
10(250)	8(200)	700	80
	10(250)	910	90
12(300)	10(250)	930	90
	12(300)	1230	100
14(350)	12(300)	1270	100
	14(350)	1560	130
16(400)	14(350)	1630	130
	16(400)	1890	150
18(450)	16(400)	1890	150
	18(450)	2220	150

Fig. 5 BODY SECTION VIEW

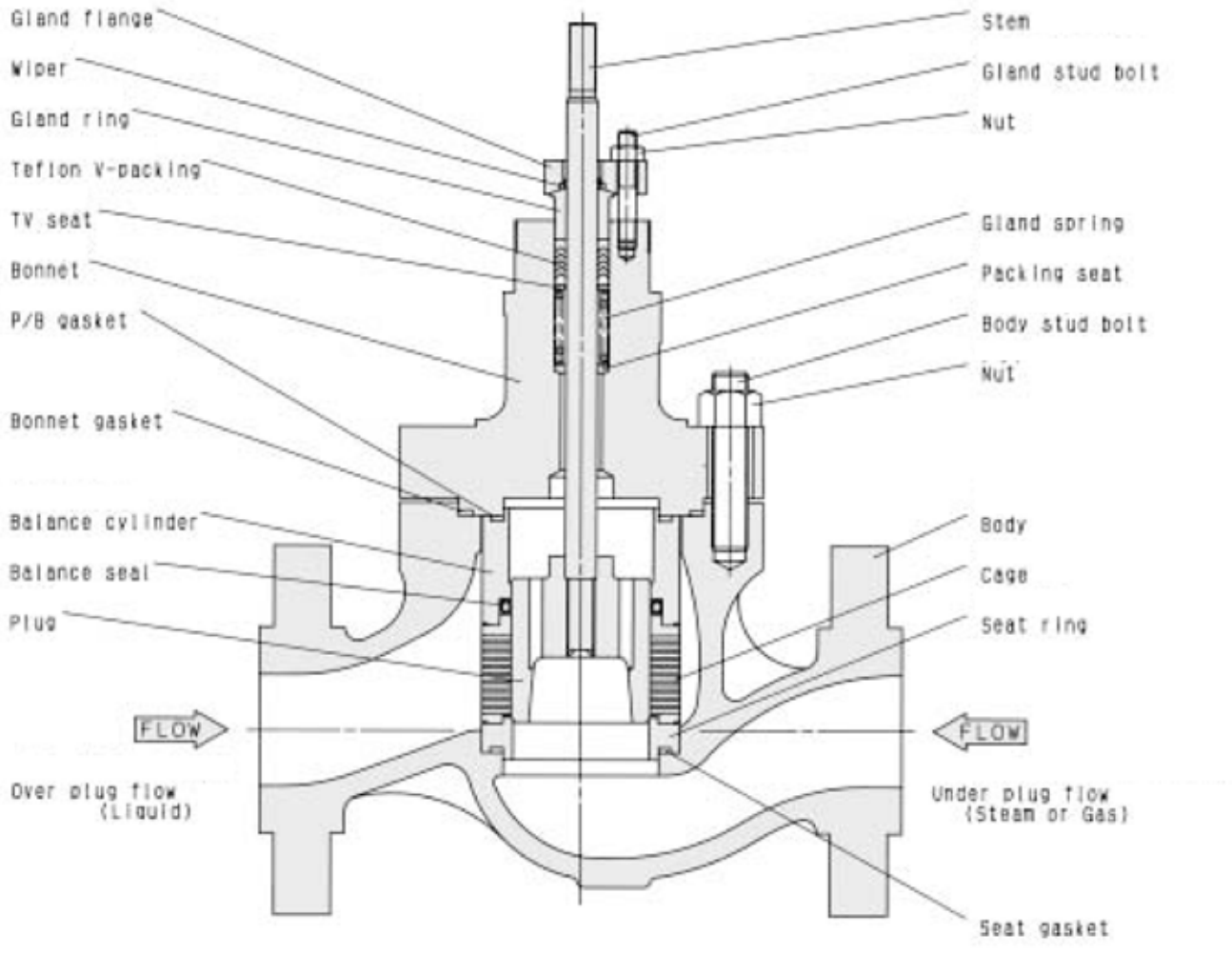


Table 4　ALLOWABLE PRESSURE DROPS (UNIT : MPa)

See pages 12〜19 Valve size-Actuator size combinations.

Direct action (Air to valve shut)

Reverse action (Air to valve open)

Table 4-1　DIAPHRAGM ACTUATOR (5200LA)/PACKING : REINFORCED TEFLON V-RING, TEFLON-TFE

Actuator size	Air supply (off balance) kPa[gauge]	Spring range kPa[gauge]	Seat ring	Balance seal : Reinforced Teflon/SUS316									
				Plug size (inch)									
				⅜	1	1½	2	3	4	6	8	10	12
218	140(20)	DA & RA 20〜100	Metal Seat	0.36									
			Soft Seat	0.36									
	300(80)	DA & RA 80〜200	Metal Seat	6.95	6.66								
			Soft Seat	3.0	3.0								
	340(120)	DA : 80〜200 RA : 120〜300	Metal Seat	9.89	9.89								
			Soft Seat	3.0	3.0								
270	140(20)	DA & RA 20〜100	Metal Seat	2.05	0.57								
			Soft Seat	2.05	0.57								
	300(80)	DA & RA 80〜200	Metal Seat	9.89	9.89	8.82	6.27						
			Soft Seat	3.0	3.0	3.0	3.0						
	340(120)	DA : 80〜200 RA : 120〜300	Metal Seat	9.89	9.89	9.89	9.89						
			Soft Seat	3.0	3.0	3.0	3.0						
350	140(20)	DA & RA 20〜100	Metal Seat	4.99	4.6	1.17	—						
			Soft Seat	3.0	3.0	1.17	—						
	300(80)	DA & RA 80〜200	Metal Seat	9.89	9.89	9.89	9.89						
			Soft Seat	3.0	3.0	3.0	3.0						
450	140(20)	DA & RA 20〜100	Metal Seat			5.39	3.52						
			Soft Seat			3.0	3.0						
	300(80)	DA & RA 80〜200	Metal Seat			9.89	9.89	9.89	9.89	7.64	5.0		
			Soft Seat			3.0	3.0	3.0	3.0	3.0	3.0		
650	300(80)	DA & RA 80〜200	Metal Seat					9.89	9.89	9.89	9.89	9.89	9.62
			Soft Seat					3.0	3.0	3.0	3.0	3.0	3.0

Table 4-2　DIAPHRAGM ACTUATOR (5200LA)/PACKING : GRAFOIL

Actuator size	Air supply (off balance) kPa[gauge]	Spring range kPa[gauge]	Seat ring	Balance seal : GRAFOIL									
				Plug size (inch)									
				⅜	1	1½	2	3	4	6	8	10	12
270	140(20)	DA & RA 20〜100	Metal Seat	—									
			Soft Seat	—									
	300(80)	DA & RA 80〜200	Metal Seat	8.33									
			Soft Seat	3.0									
	340(120)	DA : 80〜200 RA : 120〜300	Metal Seat	8.33									
			Soft Seat	3.0									
350	140(20)	DA & RA 20〜100	Metal Seat	—									
			Soft Seat	—									
	300(80)	DA & RA 80〜200	Metal Seat	8.33	8.33	8.33	8.33						
			Soft Seat	3.0	3.0	3.0	3.0						
450	140(20)	DA & RA 20〜100	Metal Seat			—	—						
			Soft Seat			—	—						
	300(80)	DA & RA 80〜200	Metal Seat			8.33	8.33	8.33	7.85				
			Soft Seat			3.0	3.0	3.0	3.0				
650	300(80)	DA & RA 80〜200	Metal Seat					8.33	8.33	8.33	8.33	5.15	—
			Soft Seat					3.0	3.0	3.0	3.0	3.0	—

Table 4-3 DOUBLE ACTING CYLINDER ACTUATOR/PACKING : REINFORCED TEFLON V-RING, TEFLON-ASBESTOS

Actuator size	Air supple (off balance) kPa[gauge]	Seat ring	Balance seal : Reinforced Teflon/SUS316							
			Plug size (inch)							
			4	6	8	10	12	14	16	18
200	400	Metal Seat	9.89	9.89	9.89					
		Soft Seat	3.0	3.0	3.0					
	500	Metal Seat	9.89	9.89	9.89					
		Soft Seat	3.0	3.0	3.0					
300	400	Metal Seat	9.89	9.89	9.89	9.89	9.89			
		Soft Seat	3.0	3.0	3.0	3.0	3.0			
	500	Metal Seat	9.89	9.89	9.89	9.89	9.89			
		Soft Seat	3.0	3.0	3.0	3.0	3.0			
450	400	Metal Seat		9.89	9.89	9.89	9.89	9.89	9.89	9.89
		Soft Seat		3.0	3.0	3.0	3.0	3.0	3.0	3.0
	500	Metal Seat		9.89	9.89	9.89	9.89	9.89	9.89	9.89
		Soft Seat		3.0	3.0	3.0	3.0	3.0	3.0	3.0
600	400	Metal Seat				9.89	9.89	9.89	9.89	9.89
		Soft Seat				3.0	3.0	3.0	3.0	3.0
	500	Metal Seat				9.89	9.89	9.89	9.89	9.89
		Soft Seat				3.0	3.0	3.0	3.0	3.0

Table 4-4 DOUBLE ACTING CYLINDER ACTUATOR/PACKING : GRAFOIL

Actuator size	Air supple (off balance) kPa[gauge]	Seat ring	Balance seal : GRAFOIL							
			Plug size (inch)							
			4	6	8	10	12	14	16	18
300	400	Metal Seat	8.33							
		Soft Seat	3.0							
	500	Metal Seat	8.33							
		Soft Seat	3.0							
450	400	Metal Seat		8.33	8.33	8.33	8.33	8.33	8.33	8.33
		Soft Seat		3.0	3.0	3.0	3.0	3.0	3.0	3.0
	500	Metal Seat		8.33	8.33	8.33	8.33	8.33	8.33	8.33
		Soft Seat		3.0	3.0	3.0	3.0	3.0	3.0	3.0
600	400	Metal Seat				8.33	8.33	8.33	8.33	8.33
		Soft Seat				3.0	3.0	3.0	3.0	3.0
	500	Metal Seat				8.33	8.33	8.33	8.33	8.33
		Soft Seat				3.0	3.0	3.0	3.0	3.0

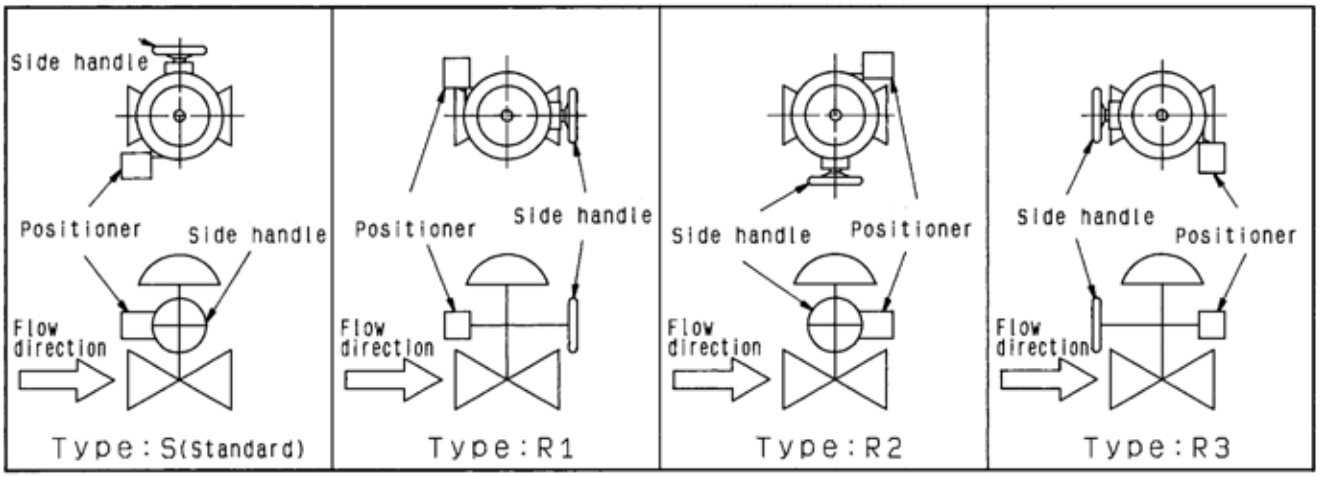
Table 4-5 SOLID STATE ELECTRONIC ACTUATOR (3500LB, 3600LA)/PACKING : REINFORCED TEFLON V-RING, TEFLON-ASBESTOS

Actuator size	Seat ring	Balance seal : Reinforced Teflon/SUS316									
		Plug size (inch)									
		5/8	1	1 1/2	2	3	4	6	8	10	12
35A2LB 36A2LA	Metal Seat	9.01	8.63	5.39	3.23						
	Soft Seat	3.0	3.0	3.0	3.0						
35B1LB 36B1LA	Metal Seat	9.89	9.89	9.89	8.33						
	Soft Seat	3.0	3.0	3.0	3.0						
35B2LB 36B2LA	Metal Seat				9.89	9.89	7.25	3.0			
	Soft Seat				3.0	3.0	3.0	3.0			
35C1LB 36C1LA	Metal Seat					9.89	9.89	5.78			
	Soft Seat					3.0	3.0	3.0			
35C2LB 36C2LA	Metal Seat						9.89	9.89	7.74	5.59	3.62
	Soft Seat						3.0	3.0	3.0	3.0	3.0

Table 4-6 SOLID STATE ELECTRONIC ACTUATOR (3500LB, 3600LA)/PACKING : GRAFOIL

Actuator size	Seat ring	Balance seal : GRAFOIL									
		Plug size (inch)									
		5/8	1	1 1/2	2	3	4	6	8	10	12
35B1LB 36B1LA	Metal Seat	8.33	8.33	0.66							
	Soft Seat	3.0	3.0	0.66							
35B2LB 36B2LA	Metal Seat			8.33	8.33	1.07					
	Soft Seat			3.0	3.0	1.07					
35C1LB 36C1LA	Metal Seat				9.89	7.25	2.45				
	Soft Seat				3.0	3.0	2.45				
35C2LB 36C2LA	Metal Seat						8.33	0.79	—	—	—
	Soft Seat						3.0	0.79	—	—	—

Fig. 6 ACTUATOR MOUNTING FORMS FOR 5200LA



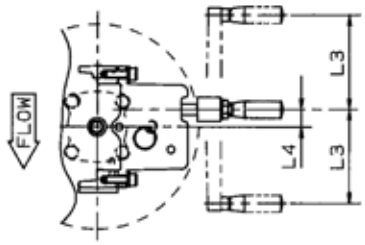
Note : Type S is automatically applied, unless otherwise specified.

Table 5 NET WEIGHT OF STANDARD VALVE AND ACTUATOR COMBINED (UNIT : kg)

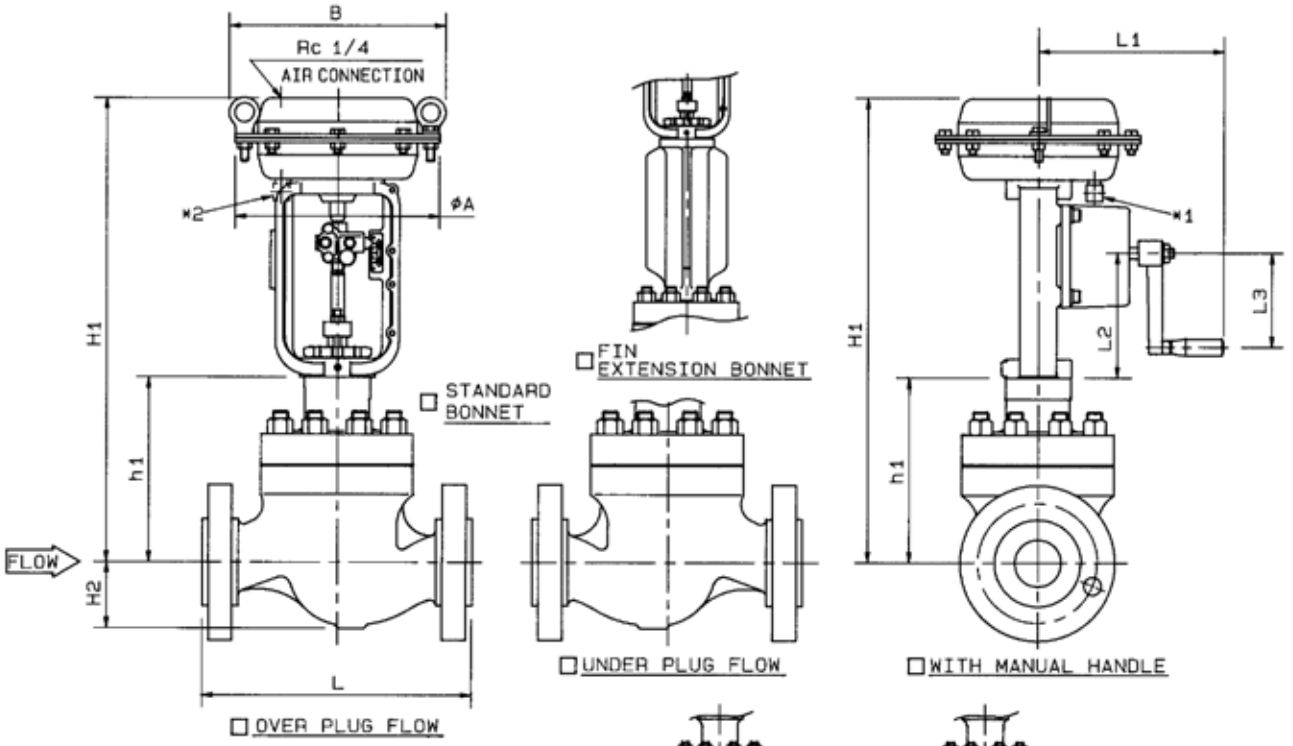
Only standard types are represented. Weights of accessories, a handwheel and the like are not included.

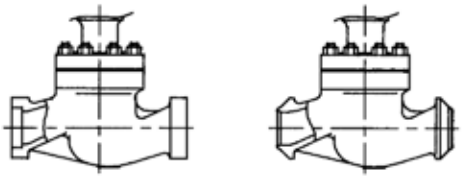
Valve size	Body rating class		Diaphragm actuator size							Double acting Cylinder actuator size					Electronic Actuator size		
			5200LA							6300LA					35A2LB 36A2LA	35B1LB 35B2LB 36B1LA 36B2LA	35C1LB 35C2LB 36C1LA 36C2LA
inch(mm)	ANSI	JIS	218	270	350	450S	450L	650S	650L	150	200	300	450	600			
1 (25)	150	10K	18	24	40										16	22	
	300	20, 30K	19	25	41										17	23	
	600	40K	20	26	42										18	24	
1½ (40)	150	10K	29	36	52										28	34	
	300	20, 30K	34	41	57										33	39	
	600	40K	39	46	62										38	44	
2 (50)	150	10K		41	57	92									33	39	
	300	20, 30K		46	62	97									38	44	
	600	40K		51	67	102									43	49	
3 (80)	150	10K		56	72	107									48	54	90
	300	20, 30K		66	82	117									58	64	100
	600	40K		91	107	142									83	89	125
4 (100)	150	10K				115	137	242								64	100
	300	20, 30K				130	152	257								79	115
	600	40K				175	197	302								124	160
6 (150)	150	10K					200	322		160	185	220				144	180
	300	20, 30K					230	352		190	215	250				174	210
	600	40K					280	402		250	275	310				224	260
8 (200)	150	10K					280	402			285	320	426				260
	300	20, 30K					330	452			295	330	436				310
	600	40K					450	572			405	440	546				430
10 (250)	150	10K					470		603			460	566				428
	300	20, 30K					550		683			540	646				508
	600	40K					790		923			780	886				748
12 (300)	150	10K							773			630	736	838			598
	300	20, 30K							853			710	816	918			678
	600	40K							1143			1000	1106	1208			968
14 (350)	150	10K							1045				1070	1190			
	300	20, 30K							1205				1230	1350			
	600	40K							1705				1730	1850			
16 (400)	150	10K											1530	1650			
	300	20, 30K											1930	2050			
	600	40K											2730	2850			
18 (450)	150	10K											2230	2350			
	300	20, 30K											2930	3050			
	600	40K											4230	4350			

GLOBE-VALVE DIRECT ACTION



*1 AIR EXHAUST POSITION FOR φ218&φ270.
*2 AIR EXHAUST POSITION FOR φ350&φ450.





DIMENSIONS

UNIT: mm

CODE NO.	VALVE SIZE	FACE TO FACE : L							H2	☐ STANDARD BONNET		☐ FIN EXTENSION BONNET		ACTUATOR						
		☐ ANSI 150#RF ☐ JPI 150#RF ☐ JIS 10kRF	☐ ANSI 300#RF ☐ JPI 300#RF ☐ JIS 20kRF ☐ JIS 30kRF	☐ ANSI 600#RF ☐ JPI 600#RF ☐ JIS 40kRF	☐ ANSI 300#SW ☐ ANSI 300#BW ☐ JPI 300#SW ☐ JPI 300#BW	☐ ANSI 300#RTJ ☐ JPI 300#RTJ	☐ ANSI 600#SW ☐ ANSI 600#BW ☐ JPI 600#SW ☐ JPI 600#BW	☐ ANSI 600#RTJ ☐ JPI 600#RTJ		h1	H1	h1	H1	SIZE		WITH MANUAL HANDLE				
														A	B	L1	L2	L3	L4	CODE NO.
01	☐ 1" (25A)	184	197	210	210	210	210	210	47	157	455	257	555	☐ 218	231	196	133~113	100	18.5	5221LA
											555		655	☐ 270	283	230	155~135	100	27.5	5227LA
											590		690	☐ 350	367	230	163~143	100	27.5	5235LA
93	☐ 1½" (40A)	222	235	251	251	248	251	251	60	175	475	325	625	☐ 218	231	196	133~113	100	18.5	5221LA
											570		720	☐ 270	283	230	160~135	100	27.5	5227LA
											605		755	☐ 350	367	230	168~143	100	27.5	5235LA
											670		820	☐ 450	472	336	205~180	160	32	524SLA
02	☐ 2" (50A)	254	267	286	286	283	286	289	70	196	595	346	745	☐ 270	283	230	165~135	100	27.5	5227LA
											630		780	☐ 350	367	230	173~143	100	27.5	5235LA
											695		845	☐ 450	472	336	210~180	160	32	524SLA
03	☐ 3" (80A)	298	317	337	317	333	337	340	98	201	600	351	750	☐ 270	283	230	165~135	100	27.5	5227LA
											635		785	☐ 350	367	230	183~143	100	27.5	5235LA
											700		850	☐ 450	472	336	220~180	160	32	524SLA
04	☐ 4"X3" (100AX80A)	352	368	394	368	384	394	397	113	275	770	425	920	☐ 450	472	336	220~180	160	32	524SLA

★ FLANGE IS ACCORDING TO THE STANDARD WHICH IS DESCRIBED ON SPECIFICATION SHEET.

NOTE :

DRAWING No.

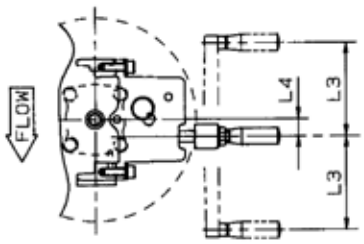
E-550G-5200LA-D-$\frac{N}{S}$

REV

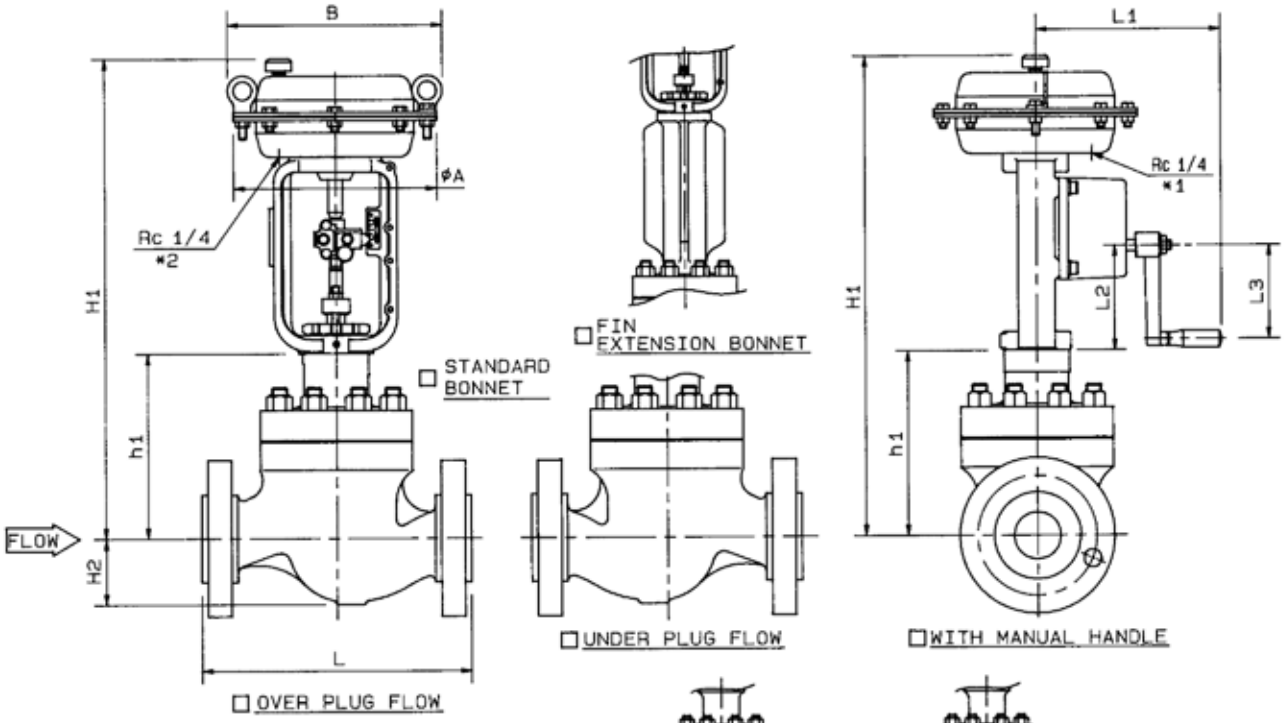
A

KOSO

GLOBE-VALVE REVERSE ACTION



*1 AIR CONNECTION POSITION FOR ϕ218&ϕ270.
*2 AIR CONNECTION POSITION FOR ϕ350&ϕ450.



DIMENSIONS

UNIT: mm

CODE NO.	VALVE SIZE	FACE TO FACE : L							H2	STANDARD BONNET		FIN EXTENSION BONNET		ACTUATOR						
		☐ ANSI 150#RF ☐ JPI 150#RF ☐ JIS 10kRF	☐ ANSI 300#RF ☐ JPI 300#RF ☐ JIS 20kRF ☐ JIS 30kRF	☐ ANSI 600#RF ☐ JPI 600#RF ☐ JIS 40kRF	☐ ANSI 300#SW ☐ ANSI 300#BW ☐ JPI 300#SW ☐ JPI 300#BW	☐ ANSI 300#RTJ ☐ JPI 300#RTJ	☐ ANSI 600#SW ☐ ANSI 600#BW ☐ JPI 600#SW ☐ JPI 600#BW	☐ ANSI 600#RTJ ☐ JPI 600#RTJ		h1	H1	h1	H1	SIZE		WITH MANUAL HANDLE				
														A	B	L1	L2	L3	L4	CODE NO.
01	☐ 1" (25A)	184	197	210	210	210	210	210	47	157	495	257	595	☐ 218	231	196	113~133	100	18.5	5221LA
											595		695	☐ 270	283	230	118~138	100	27.5	5227LA
											630		730	☐ 350	367	230	120~140	100	27.5	5235LA
93	☐ 1½" (40A)	222	235	251	251	248	251	251	60	175	515	325	665	☐ 218	231	196	113~133	100	18.5	5221LA
											610		760	☐ 270	283	230	118~143	100	27.5	5227LA
											645		795	☐ 350	367	230	120~145	100	27.5	5235LA
											710		860	☐ 450	472	336	161~186	160	32	524SLA
02	☐ 2" (50A)	254	267	286	286	283	286	289	70	196	635	346	785	☐ 270	283	230	118~148	100	27.5	5227LA
											670		820	☐ 350	367	230	120~150	100	27.5	5235LA
											735		885	☐ 450	472	336	161~191	160	32	524SLA
03	☐ 3" (80A)	298	317	337	317	333	337	340	98	201	640	351	790	☐ 270	283	230	118~148	100	27.5	5227LA
											675		825	☐ 350	367	230	120~160	100	27.5	5235LA
											740		890	☐ 450	472	336	161~201	160	32	524SLA
04	☐ 4"X3" (100AX80A)	352	368	394	368	384	394	397	113	275	810	425	960	☐ 450	472	336	161~201	160	32	524SLA

★ FLANGE IS ACCORDING TO THE STANDARD WHICH IS DESCRIBED ON SPECIFICATION SHEET.

NOTE :

DRAWING No.
E-550G-5200LA-R-NS

REV
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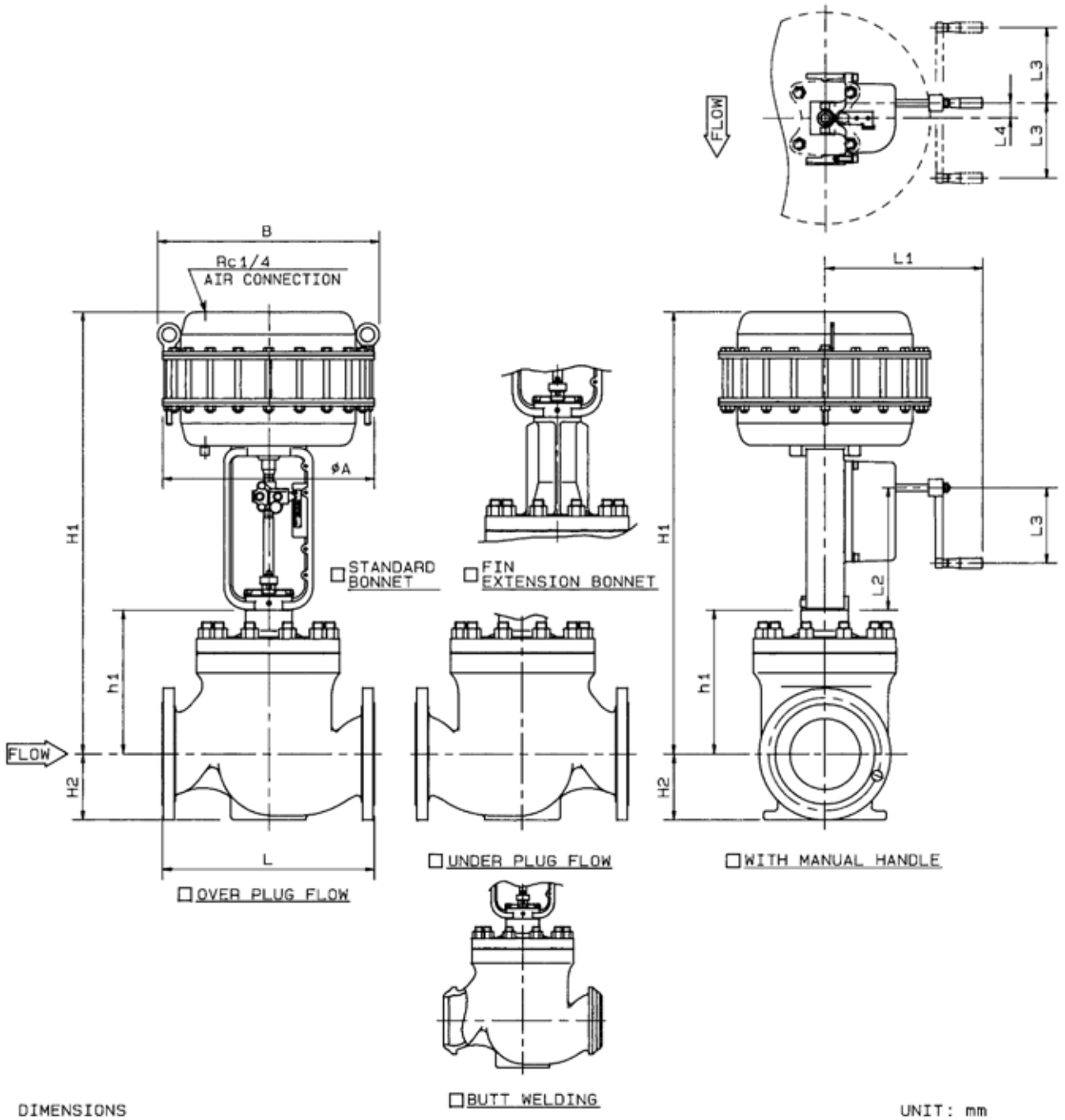
KOSO

GLOBE-VALVE DIRECT ACTION



DIMENSIONS

UNIT: mm

VALVE SIZE CODE NO.			FACE TO FACE : L							H2	STANDARD BONNET		FIN EXTENSION BONNET		ACTUATOR						
			☐ ANSI 150#RF ☐ JPI 150#RF ☐ JIS 10kRF	☐ ANSI 300#RF ☐ JPI 300#RF ☐ JIS 20kRF ☐ JIS 30kRF	☐ ANSI 600#RF ☐ JPI 600#RF ☐ JIS 40kRF	☐ ANSI 300#BW ☐ JPI 300#BW	☐ ANSI 300#RTJ ☐ JPI 300#RTJ	☐ ANSI 600#BW ☐ JPI 600#BW	☐ ANSI 600#RTJ ☐ JPI 600#RTJ		h1	H1	h1	H1	SIZE A	B	WITH MANUAL HANDLE L1	L2	L3	L4	CODE NO.
04	☐	4" (100A)	352	368	394	368	384	394	397	113	275	910	425	1060	450	472	336	230~180	160	32	524LLA
06	☐	6" (150A)	451	473	508	473	489	508	511	144	305	940	455	1090	450	472	336	240~180	160	32	524LLA
08	☐	8" (200A)	543	568	610	568	584	610	613	185	365	1020	515	1170	450	472	336	280~200	160	32	524LLA
10	☐	10"X8" (250AX200A)	673	708	752	708	724	752	756	225	420	1075	570	1225	450	472	336	280~200	160	32	524LLA

★ FLANGE IS ACCORDING TO THE STANDARD WHICH IS DESCRIBED ON SPECIFICATION SHEET.

NOTE :

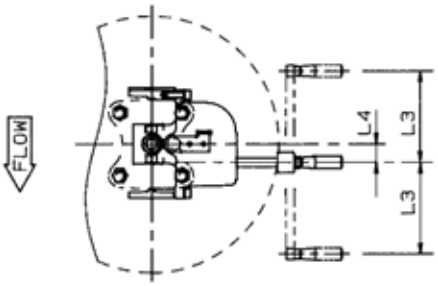
DRAWING No.

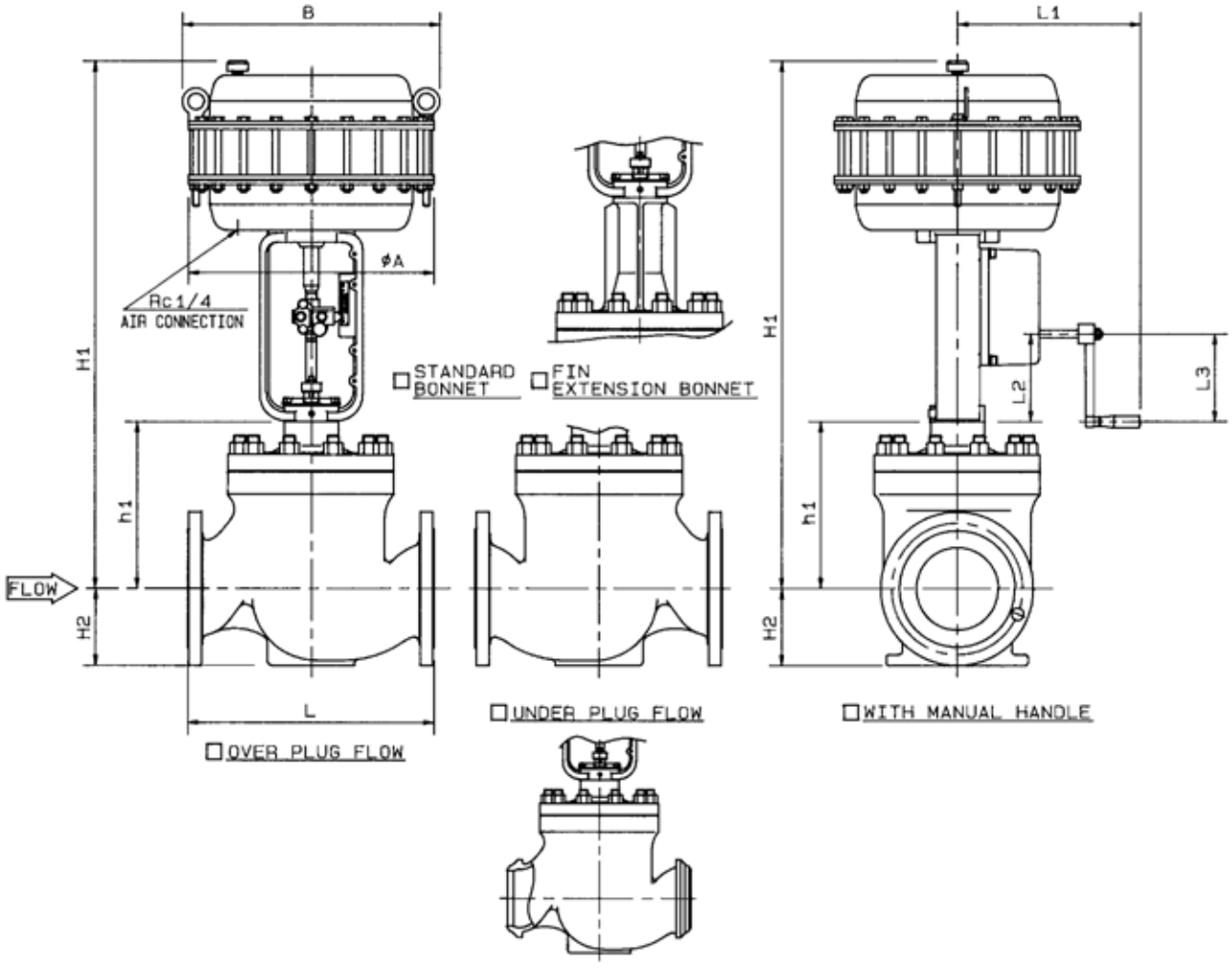
E-550G-524LLA-D-$\frac{N}{S}$

REV A

KOSO

GLOBE-VALVE REVERSE ACTION





DIMENSIONS

UNIT: mm

CODE NO.	VALVE SIZE	FACE TO FACE : L							H2	STANDARD BONNET		FIN EXTENSION BONNET		ACTUATOR						
		☐ ANSI 150#RF ☐ JPI 150#RF ☐ JIS 10kRF	☐ ANSI 300#RF ☐ JPI 300#RF ☐ JIS 20kRF ☐ JIS 30kRF	☐ ANSI 600#RF ☐ JPI 600#RF ☐ JIS 40kRF	☐ ANSI 300#BW ☐ JPI 300#BW	☐ ANSI 300#RTJ ☐ JPI 300#RTJ	☐ ANSI 600#BW ☐ JPI 600#BW	☐ ANSI 600#RTJ ☐ JPI 600#RTJ		h1	H1	h1	H1	SIZE A	B	WITH MANUAL HANDLE L1	L2	L3	L4	CODE NO.
04	☐ 4" (100A)	352	368	394	368	384	394	397	113	275	950	425	1100	450	472	336	161~211	160	32	524LLA
06	☐ 6" (150A)	451	473	508	473	489	508	511	144	305	980	455	1130	450	472	336	161~221	160	32	524LLA
08	☐ 8" (200A)	543	568	610	568	584	610	613	185	365	1060	515	1210	450	472	336	181~261	160	32	524LLA
10	☐ 10"X8" (250AX200A)	673	708	752	708	724	752	756	225	420	1115	570	1265	450	472	336	181~261	160	32	524LLA

★ FLANGE IS ACCORDING TO THE STANDARD WHICH IS DESCRIBED ON SPECIFICATION SHEET.

NOTE :

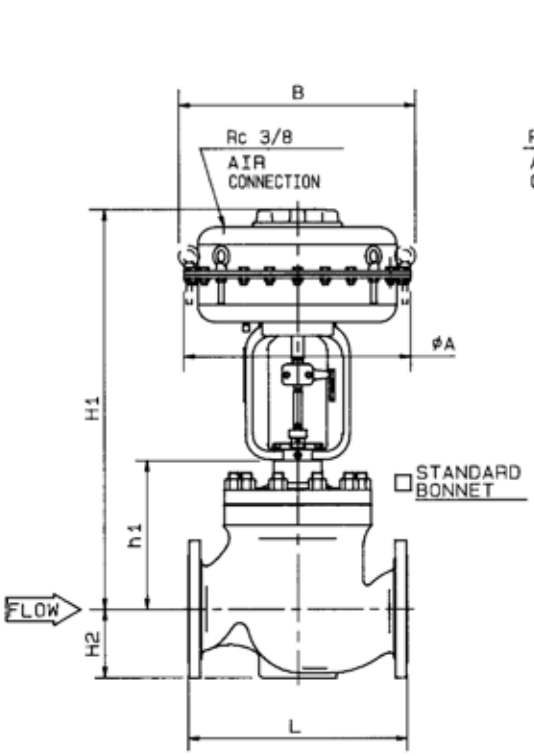
DRAWING No.

E-550G-524LLA-R-$^{N}_{S}$

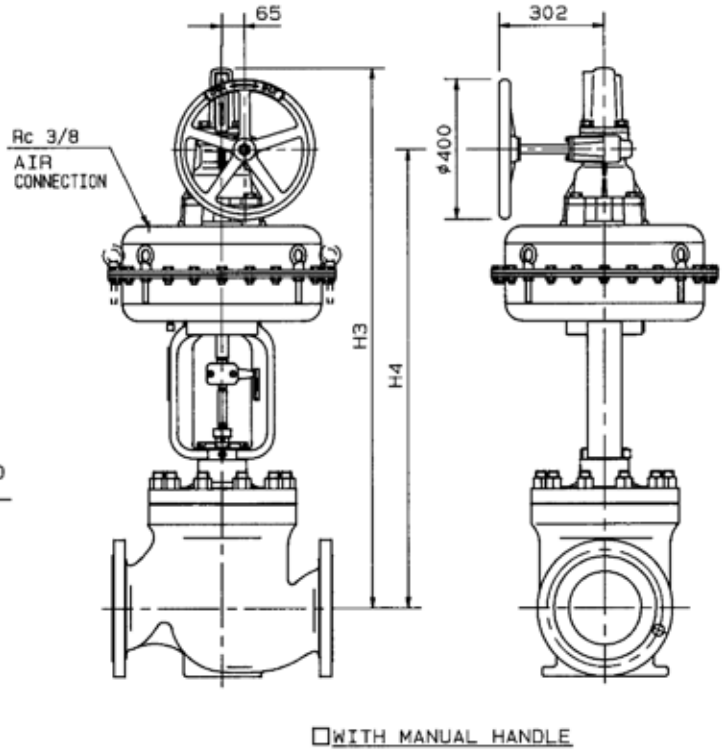
REV A

KOSO

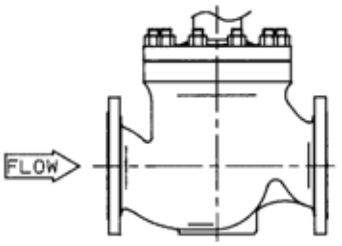
GLOBE-VALVE DIRECT ACTION



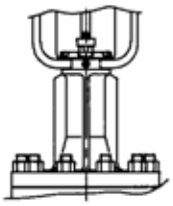
☐ OVER PLUG FLOW



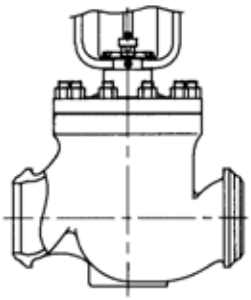
☐ WITH MANUAL HANDLE



☐ UNDER PLUG FLOW



☐ FIN
EXTENSION BONNET



☐ BUTT WELDING

DIMENSIONS

UNIT: mm

CODE NO.	VALVE SIZE	FACE TO FACE : L							H2	☐ STANDARD BONNET		☐ FIN EXTENSION BONNET		ACTUATOR SIZE		WITH MANUAL HANDLE				CODE NO.
		☐ ANSI 150#RF ☐ JPI 150#RF ☐ JIS 10kRF	☐ ANSI 300#RF ☐ JPI 300#RF ☐ JIS 20kRF ☐ JIS 30kRF	☐ ANSI 600#RF ☐ JPI 600#RF ☐ JIS 40kRF	☐ ANSI 300#BW ☐ JPI 300#BW	☐ ANSI 300#RTJ ☐ JPI 300#RTJ	☐ ANSI 600#BW ☐ JPI 600#BW	☐ ANSI 600#RTJ ☐ JPI 600#RTJ		h1	H1	h1	H1	A	B	☐ STD BONNET H3	☐ STD BONNET H4	☐ FIN/EXT BONNET H3	☐ FIN/EXT BONNET H4	
04	☐ 4" (100A)	352	368	394	368	384	394	397	113	305	1025	455	1175	650	678	1425	1190	1575	1340	526SLA
06	☐ 6" (150A)	451	473	508	473	489	508	511	144	327	1045	477	1195	650	678	1445	1215	1595	1365	526SLA
08	☐ 8"X6" (200AX150A)	543	568	610	568	584	610	613	185	365	1085	515	1235	650	678	1485	1250	1635	1400	526SLA

★ FLANGE IS ACCORDING TO THE STANDARD WHICH IS DESCRIBED ON SPECIFICATION SHEET.

NOTE :

DRAWING No.

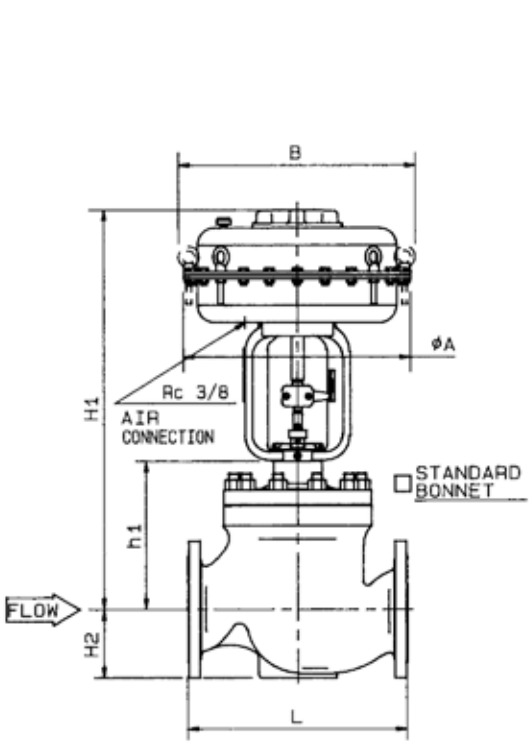
E-550G-526SLA-D-$\frac{N}{S}$

REV

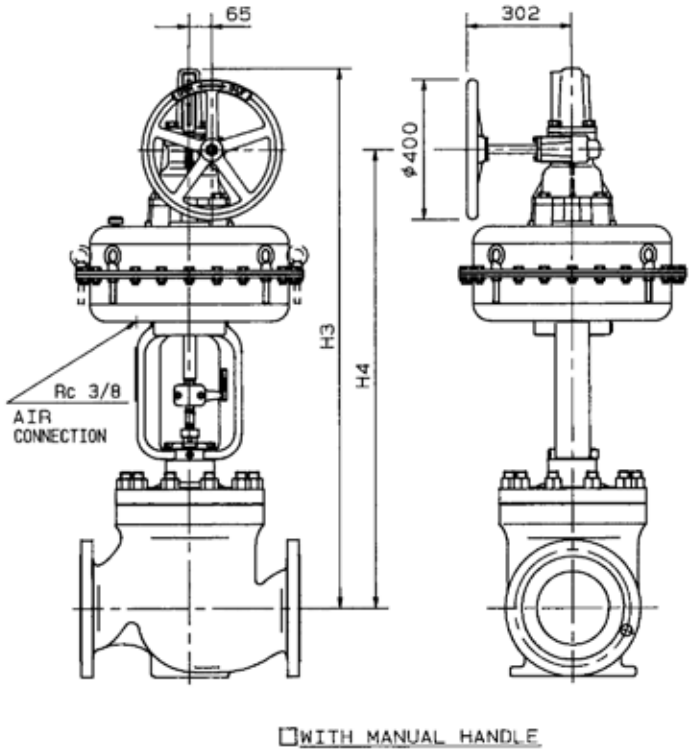
A

KOSO

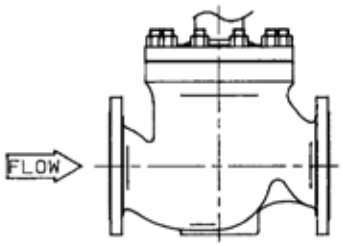
GLOBE-VALVE REVERSE ACTION



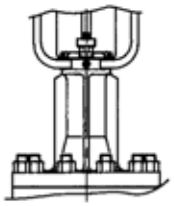
☐ OVER PLUG FLOW



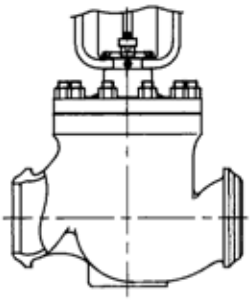
☐WITH MANUAL HANDLE



☐ UNDER PLUG FLOW



☐FIN
EXTENSION BONNET



☐BUTT WELDING

DIMENSIONS

UNIT: mm

VALVE SIZE CODE NO.		FACE TO FACE : L							H2	☐ STANDARD BONNET		☐ FIN EXTENSION BONNET		ACTUATOR SIZE		WITH MANUAL HANDLE ☐ STD BONNET		☐ FIN/EXT BONNET		CODE NO.
		☐ ANSI 150#RF ☐ JPI 150#RF ☐ JIS 10kRF	☐ ANSI 300#RF ☐ JPI 300#RF ☐ JIS 20kRF ☐ JIS 30kRF	☐ ANSI 600#RF ☐ JPI 600#RF ☐ JIS 40kRF	☐ ANSI 300#BW ☐ JPI 300#BW	☐ ANSI 300#RTJ ☐ JPI 300#RTJ	☐ ANSI 600#BW ☐ JPI 600#BW	☐ ANSI 600#RTJ ☐ JPI 600#RTJ		h1	H1	h1	H1	A	B	H3	H4	H3	H4	
04	☐ 4" (100A)	352	368	394	368	384	394	397	113	305	1025	455	1175	650	678	1425	1190	1575	1340	526SLA
06	☐ 6" (150A)	451	473	508	473	489	508	511	144	327	1045	477	1195	650	678	1445	1215	1595	1365	526SLA
08	☐ 8"X6" (200AX150A)	543	568	610	568	584	610	613	185	365	1085	515	1235	650	678	1485	1250	1635	1400	526SLA

★ FLANGE IS ACCORDING TO THE STANDARD WHICH IS DESCRIBED ON SPECIFICATION SHEET.

NOTE:

DRAWING No.

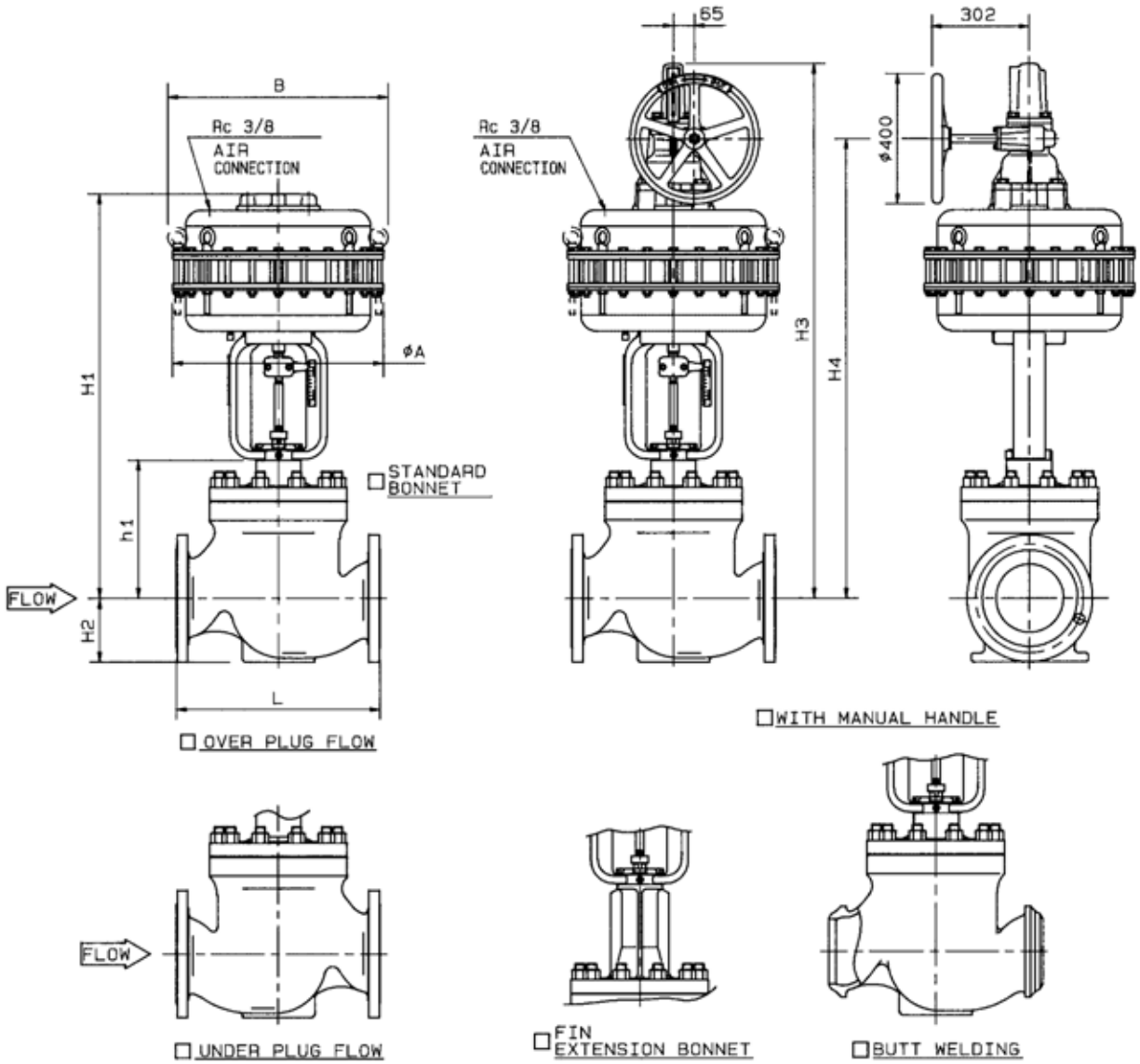
E-550G-526SLA-R-$\frac{N}{S}$

REV

A

KOSO

GLOBE-VALVE DIRECT ACTION



DIMENSIONS

UNIT: mm

VALVE SIZE CODE NO.		FACE TO FACE : L							H2	STANDARD BONNET		FIN EXTENSION BONNET		ACTUATOR SIZE		WITH MANUAL HANDLE				CODE NO.
		☐ ANSI 150#RF ☐ JPI 150#RF ☐ JIS 10kRF	☐ ANSI 300#RF ☐ JPI 300#RF ☐ JIS 20kRF ☐ JIS 30kRF	☐ ANSI 600#RF ☐ JPI 600#RF ☐ JIS 40kRF	☐ ANSI 300#BW ☐ JPI 300#BW	☐ ANSI 300#RTJ ☐ JPI 300#RTJ	☐ ANSI 600#BW ☐ JPI 600#BW	☐ ANSI 600#RTJ ☐ JPI 600#RTJ		h1	H1	h1	H1	A	B	☐ STD BONNET H3	☐ STD BONNET H4	☐ FIN/EXT BONNET H3	☐ FIN/EXT BONNET H4	
08	☐ 8" (200A)	543	568	610	568	584	610	613	185	365	1185	515	1335	650	678	1585	1350	1735	1500	526LLA
10	☐ 10" (250A)	673	708	752	708	724	752	756	225	420	1240	570	1390	650	678	1640	1405	1790	1555	526LLA
12	☐ 12" (300A)	737	775	819	775	791	819	822	260	480	1300	630	1450	650	678	1700	1465	1850	1615	526LLA
14	☐ 14"X12" (350AX300A)	889	927	972	927	943	972	975	320	625	1445	775	1595	650	678	1845	1610	1995	1760	526LLA

★ FLANGE IS ACCORDING TO THE STANDARD WHICH IS DESCRIBED ON SPECIFICATION SHEET.

NOTE :

DRAWING No.

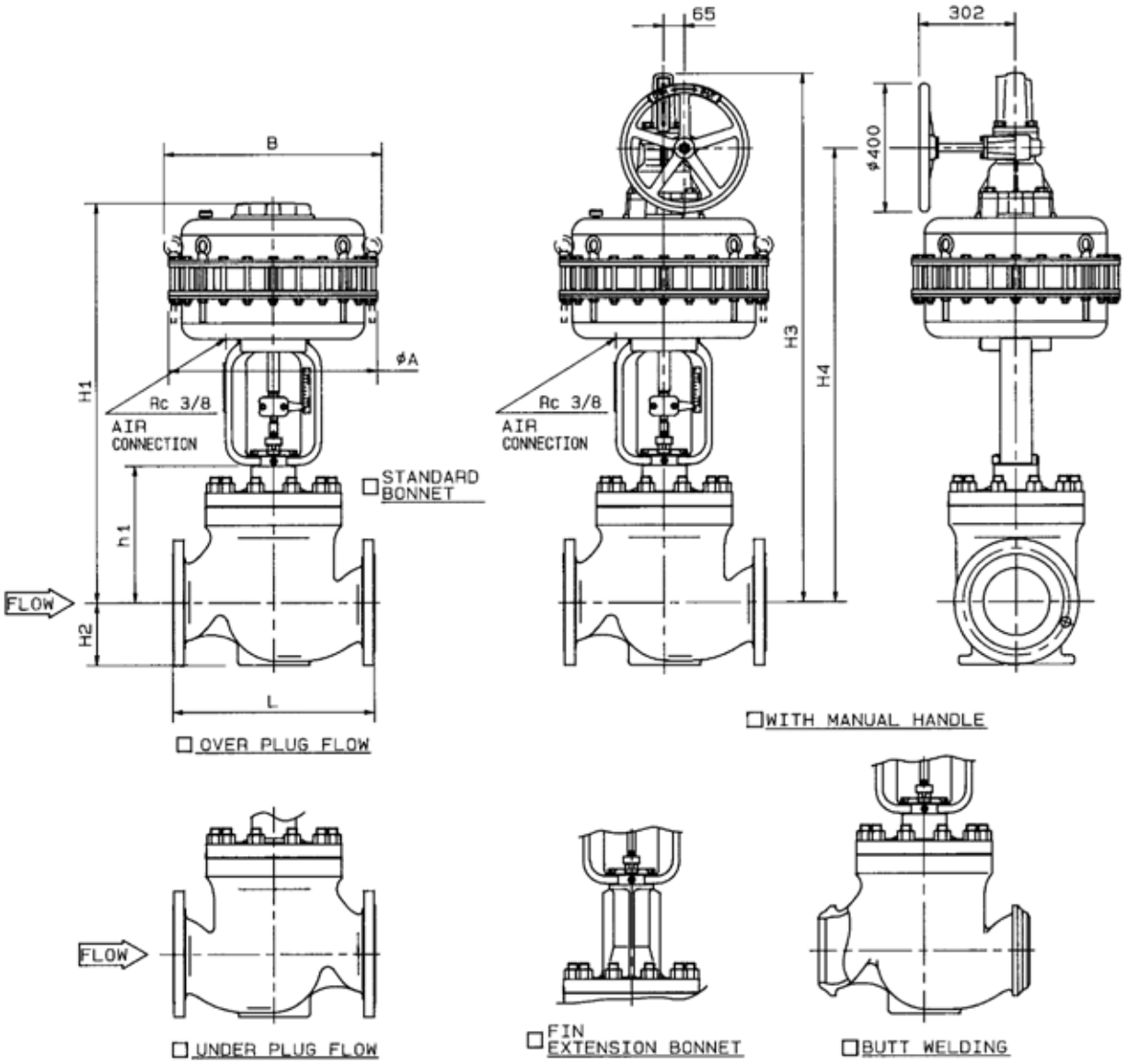
E-550G-526LLA-D-$^{N}_{S}$

REV

A

KOSO

GLOBE-VALVE REVERSE ACTION



DIMENSIONS

UNIT: mm

CODE NO.	VALVE SIZE	FACE TO FACE : L							H2	STANDARD BONNET		FIN EXTENSION BONNET		ACTUATOR SIZE		WITH MANUAL HANDLE				CODE NO.
		☐ ANSI 150#RF ☐ JPI 150#RF ☐ JIS 10kRF	☐ ANSI 300#RF ☐ JPI 300#RF ☐ JIS 20kRF ☐ JIS 30kRF	☐ ANSI 600#RF ☐ JPI 600#RF ☐ JIS 40kRF	☐ ANSI 300#BW ☐ JPI 300#BW	☐ ANSI 300#RTJ ☐ JPI 300#RTJ	☐ ANSI 600#BW ☐ JPI 600#BW	☐ ANSI 600#RTJ ☐ JPI 600#RTJ		h1	H1	h1	H1	A	B	☐ STD BONNET H3	☐ STD BONNET H4	☐ FIN/EXT BONNET H3	☐ FIN/EXT BONNET H4	
08	☐ 8" (200A)	543	568	610	568	584	610	613	185	365	1185	515	1335	650	678	1585	1350	1735	1500	526LLA
10	☐ 10" (250A)	673	708	752	708	724	752	756	225	420	1240	570	1390	650	678	1640	1405	1790	1555	526LLA
12	☐ 12" (300A)	737	775	819	775	791	819	822	260	480	1300	630	1450	650	678	1700	1465	1850	1615	526LLA
14	☐ 14"X12" (350AX300A)	889	927	972	927	943	972	975	320	625	1445	775	1595	650	678	1845	1610	1995	1760	526LLA

* FLANGE IS ACCORDING TO THE STANDARD WHICH IS DESCRIBED ON SPECIFICATION SHEET.

NOTE :

DRAWING No.

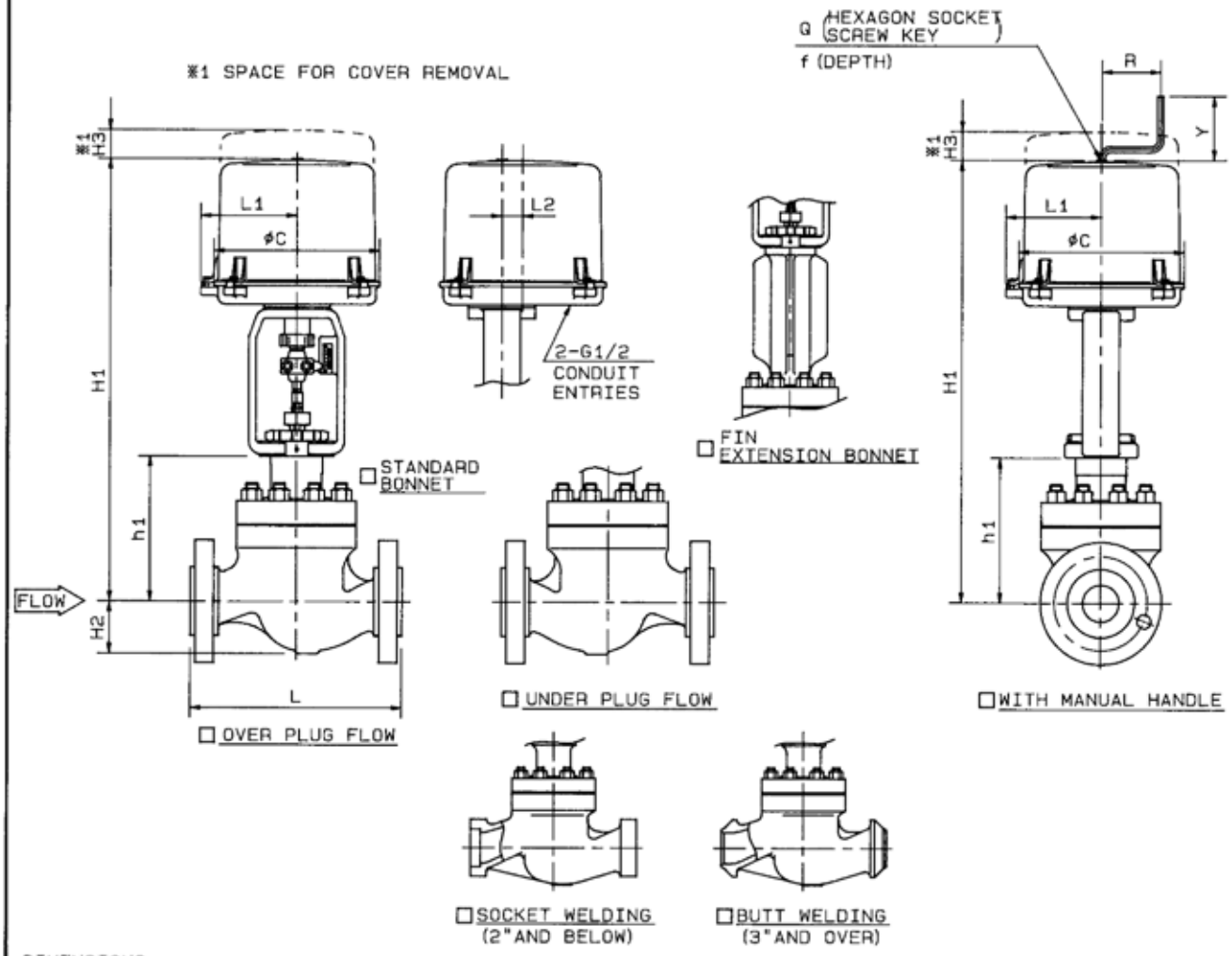
E-550G-526LLA-R-NS

REV

A

KOSO

GLOBE-VALVE



DIMENSIONS

UNIT: mm

VALVE SIZE / CODE NO.		FACE TO FACE : L							H2	STANDARD BONNET		FIN EXTENSION BONNET		ACTUATOR								
		☐ ANSI 150#RF ☐ JPI 150#RF ☐ JIS 10kRF	☐ ANSI 300#RF ☐ JPI 300#RF ☐ JIS 20kRF ☐ JIS 30kRF	☐ ANSI 600#RF ☐ JPI 600#RF ☐ JIS 40kRF	☐ ANSI 300#SW ☐ ANSI 300#BW ☐ JPI 300#SW ☐ JPI 300#BW	☐ ANSI 300#RTJ ☐ JPI 300#RTJ	☐ ANSI 600#SW ☐ ANSI 600#BW ☐ JPI 600#SW ☐ JPI 600#BW	☐ ANSI 600#RTJ ☐ JPI 600#RTJ		h1	H1	h1	H1	H3	L1	L2	φC	WITH MANUAL HANDLE R	WITH MANUAL HANDLE Y	WITH MANUAL HANDLE Q-f	SIZE CODE NO	
01	☐ 1" (25A)	184	197	210	210	210	210	210	47	157	560	257	660	205	130	28	225	80	87	6-12	☐35A2LB	☐36A2LA
											690		790	260	145	45	255	160	90	8-15	☐35B1LB	☐36B1LA
93	☐ 1½" (40A)	222	235	251	251	248	251	251	60	175	580	325	730	205	130	28	225	80	87	6-12	☐35A2LB	☐36A2LA
											705		855	260	145	45	255	160	90	8-15	☐35B1LB	☐36B1LA
											755		905								☐35B2LB	☐36B2LA
02	☐ 2" (50A)	254	267	286	286	283	286	289	70	196	600	346	750	205	130	28	225	80	87	6-12	☐35A2LB	☐36A2LA
											730		880	260	145	45	255	160	90	8-15	☐35B1LB	☐36B1LA
											780		930								☐35B2LB	☐36B2LA
03	☐ 3" (80A)	298	317	337	317	333	337	340	98	201	605	351	755	205	130	28	225	80	87	6-12	☐35A2LB	☐36A2LA
											735		885	260	145	45	255	160	90	8-15	☐35B1LB	☐36B1LA
											785		935								☐35B2LB	☐36B2LA
04	☐ 4" (100A)	352	368	394	368	384	394	397	113	275	855	425	1005	260	145	45	255	160	90	8-15	☐35B2LB	☐36B2LA
06	☐ 6" (150A)	451	473	508	473	489	508	511	144	305	885	455	1035	260	145	45	255	160	90	8-15	☐35B2LB	☐36B2LA

★ FLANGE IS ACCORDING TO THE STANDARD WHICH IS DESCRIBED ON SPECIFICATION SHEET.

NOTE :

DRAWING No.

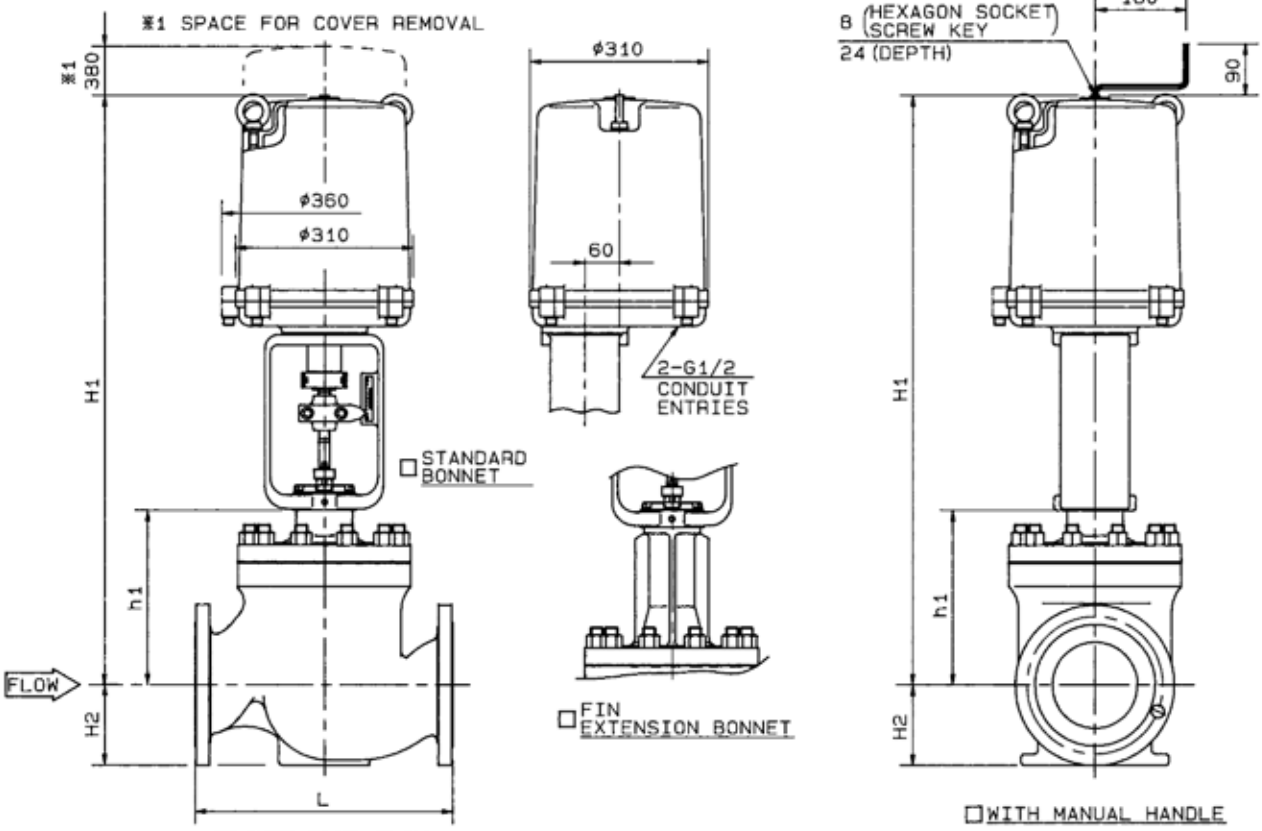
E-550G-$\frac{3500LB}{3600LA}$-B-$\frac{N}{T}$

REV

A

KOSO

GLOBE-VALVE



DIMENSIONS

UNIT: mm

CODE NO.	VALVE SIZE	FACE TO FACE : L							H2	STANDARD BONNET		FIN EXTENSION BONNET		ACTUATOR SIZE CODE NO	
		☐ ANSI 150#RF ☐ JPI 150#RF ☐ JIS 10kRF	☐ ANSI 300#RF ☐ JPI 300#RF ☐ JIS 20kRF ☐ JIS 30kRF	☐ ANSI 600#RF ☐ JPI 600#RF ☐ JIS 40kRF	☐ ANSI 300#BW ☐ JPI 300#BW	☐ ANSI 300#RTJ ☐ JPI 300#RTJ	☐ ANSI 600#BW ☐ JPI 600#BW	☐ ANSI 600#RTJ ☐ JPI 600#RTJ		h1	H1	h1	H1		
03	☐ 3" (80A)	298	317	337	317	333	337	340	98	201	930	351	1080	☐35C1LB	☐36C1LA
04	☐ 4" (100A)	352	368	394	368	384	394	397	113	275	1000	425	1150	☐35C1LB	☐36C1LA
06	☐ 6" (150A)	451	473	508	473	489	508	511	144	305	1030	455	1180	☐35C1LB	☐36C1LA
										327	1115	477	1265	☐35C2LB	☐36C2LA
08	☐ 8" (200A)	543	568	610	568	584	610	613	185	365	1150	515	1300	☐35C2LB	☐36C2LA
10	☐ 10" (250A)	673	708	752	708	724	752	756	225	420	1205	570	1355	☐35C2LB	☐36C2LA
12	☐ 12" (300A)	737	775	819	775	791	819	822	260	480	1265	630	1415	☐35C2LB	☐36C2LA
14	☐ 14"X12" (350AX300A)	889	927	972	927	943	972	975	320	625	1410	775	1560	☐35C2LB	☐36C2LA

★ FLANGE IS ACCORDING TO THE STANDARD WHICH IS DESCRIBED ON SPECIFICATION SHEET.

NOTE :

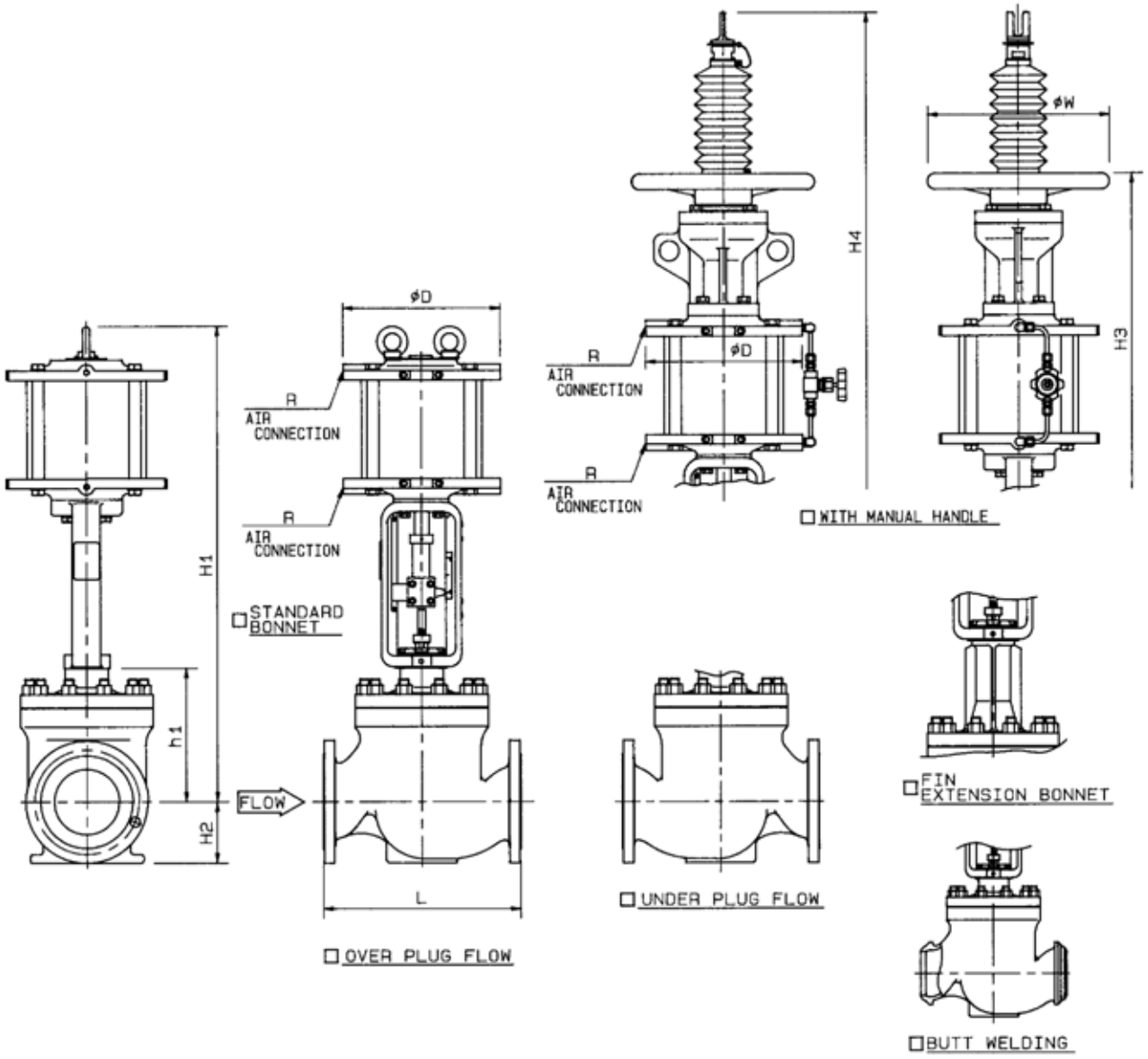
DRAWING No.

E-550G-35C0LB/36C0LA -B-N T

REV A

KOSO

GLOBE-VALVE DOUBLE ACTING CYLINDER



DIMENSIONS

UNIT: mm

CODE NO.	VALVE SIZE	FACE TO FACE : L							H2	STANDARD BONNET				FIN EXTENSION BONNET				ACTUATOR				
		□ ANSI 150#RF □ JPI 150#RF □ JIS 10kRF	□ ANSI 300#RF □ JPI 300#RF □ JIS 20kRF □ JIS 30kRF	□ ANSI 600#RF □ JPI 600#RF □ JIS 40kRF	□ ANSI 300#BW □ JPI 300#BW	□ ANSI 300#RTJ □ JPI 300#RTJ	□ ANSI 600#BW □ JPI 600#BW	□ ANSI 600#RTJ □ JPI 600#RTJ		h1	H1	H3	H4	h1	H1	H3	H4	Cylinder SIZE	D	R	WITH MANUAL HANDLE W	CODE NO.
06	□ 6" (150A)	451	473	508	473	489	508	511	144	327	1040	1230	1505	477	1190	1380	1655	200	272	Rc3/8	320	6320LA
08	□ 8" (200A)	543	568	610	568	584	610	613	185	365	1075	1265	1540	515	1225	1415	1690	200	272	Rc3/8	320	6320LA

★FLANGE IS ACCORDING TO THE STANDARD WHICH IS DESCRIBED ON SPECIFICATION SHEET.

NOTE :

DRAWING No.

E-550G-6300LA-W-$\frac{N}{T}$

REV

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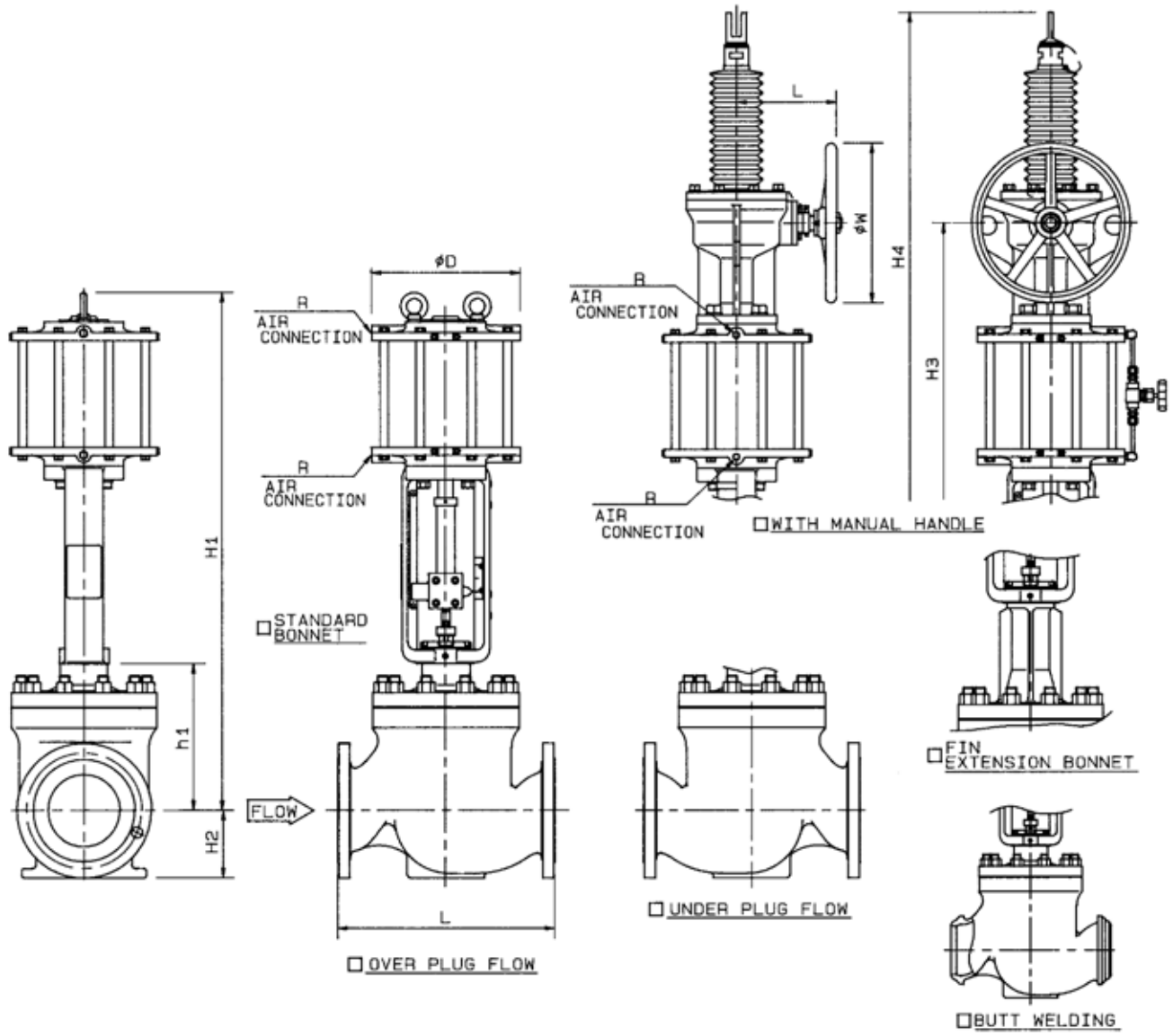
KOSO

GLOBE-VALVE DOUBLE ACTING CYLINDER



DIMENSIONS

UNIT: mm

CODE NO.	VALVE SIZE	FACE TO FACE : L							H2	☐ STANDARD BONNET				☐ FIN EXTENSION BONNET				ACTUATOR					
		☐ ANSI 150#RF ☐ JPI 150#RF ☐ JIS 10kRF	☐ ANSI 300#RF ☐ JPI 300#RF ☐ JIS 20kRF ☐ JIS 30kRF	☐ ANSI 600#RF ☐ JPI 600#RF ☐ JIS 40kRF	☐ ANSI 300#BW ☐ JPI 300#BW	☐ ANSI 300#RTJ ☐ JPI 300#RTJ	☐ ANSI 600#BW ☐ JPI 600#BW	☐ ANSI 600#RTJ ☐ JPI 600#RTJ		h1	H1	H3	H4	h1	H1	H3	H4	Cylinder SIZE	D	R	WITH MANUAL HANDLE L	WITH MANUAL HANDLE W	CODE NO.
06	☐ 6" (150A)	451	473	508	473	489	508	511	144	327	1100	1255	1715	477	1250	1405	1865	☐ 300	382	Rc1/2	260	400	6330LA
08	☐ 8" (200A)	543	568	610	568	584	610	613	185	365	1135	1290	1750	515	1285	1440	1900	☐ 300	382	Rc1/2	260	400	6330LA
											1315	1525	2080		1465	1675	2230	☐ 450	555	Rc1/2	330	500	6345LA
10	☐ 10" (250A)	673	708	752	708	724	752	756	225	420	1190	1345	1805	570	1340	1495	1955	☐ 300	382	Rc1/2	260	400	6330LA
											1370	1580	2135		1520	1730	2285	☐ 450	555	Rc1/2	330	500	6345LA
12	☐ 12" (300A)	737	775	819	775	791	819	822	260	480	1250	1405	1865	630	1400	1555	2015	☐ 300	382	Rc1/2	260	400	6330LA
											1430	1640	2195		1580	1790	2345	☐ 450	555	Rc1/2	330	500	6345LA
											1565	1770	2435		1715	1920	2585	☐ 600	730	Rc3/4	445	630	6360LA
14	☐ 14" (350A)	889	927	972	927	943	972	975	320	625	1775	1985	2640	775	1925	2135	2790	☐ 450	555	Rc1/2	330	500	6345LA
											1910	2115	2880		2060	2265	3030	☐ 600	730	Rc3/4	445	630	6360LA
16	☐ 16" (400A)	1016	1057	1108	1057	1073	1108	1111	370	720	1870	2080	2735	870	2020	2230	2885	☐ 450	555	Rc1/2	330	500	6345LA
											2005	2210	2975		2155	2360	3125	☐ 600	730	Rc3/4	445	630	6360LA
18	☐ 18" (450A)	1140	1181	1239	1181	1197	1239	1242	420	815	1965	2175	2830	965	2115	2325	2980	☐ 450	555	Rc1/2	330	500	6345LA
											2100	2305	3070		2250	2455	3220	☐ 600	730	Rc3/4	445	630	6360LA

★ FLANGE IS ACCORDING TO THE STANDARD WHICH IS DESCRIBED ON SPECIFICATION SHEET.

NOTE :

DRAWING No.

E-550G-6300LA-W-$\frac{N}{H}$

REV

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KOSO

KOSO

Headquarters
Nihon KOSO Co., LTD.
1-16-7, Nihombashi, Chuo-Ku
Tokyo, Japan, 103-0027
Tel: 81.3.5202.4100
Fax: 81.3.5202.1511
sales@kosovalve.com
www.koso.co.jp/en/

Worldwide locations
China
France
India
Russia
Singapore
South Korea
United Arab Emirates
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United States of America