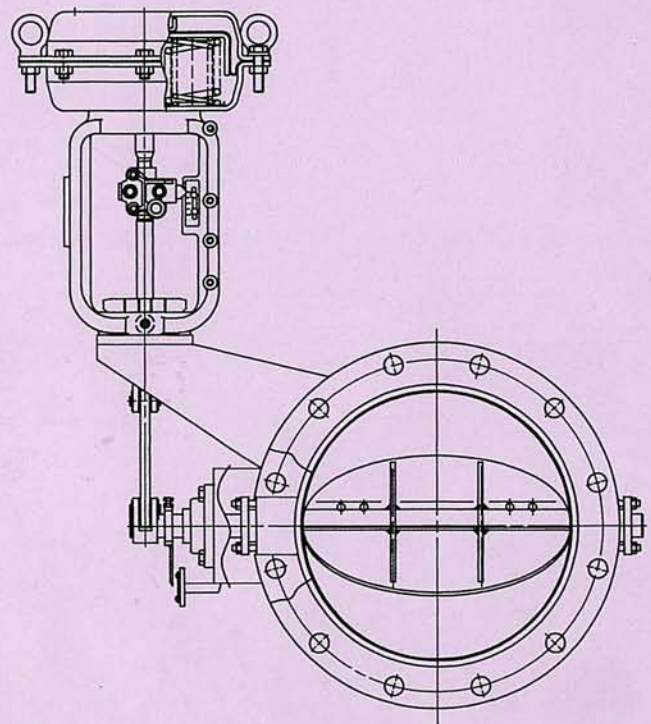


STANDARD SPECIFICATION

軽荷重形バタフライバルブ
*LIGHT DUTY DAMPER TYPE
BUTTERFLY VALVES*

600S SERIES



KOSO

KOSOの自動調節弁と計装システム

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KOSO's Control Valves and Instrumentation Systems

KOSO, the leading industrial control valve manufacturer with strong research and development capability of its own, has been meeting requirements of the time. Always making available a wide range of product lines that can satisfy the needs of the coming century, **KOSO** is committed to providing control valves, and the systems thereof, of highest quality and reliability, produced under its quality assurance system complying with ISO 9001 standard.

Here **KOSO** presents its technological catalog, introducing various types of **KOSO** control valves, hoping to be of service as you select valves for your specific applications.

If you have questions on this technological catalog or require additional printed materials, please contact our sales representative nearest you.

600S Light Duty Damper Type Butterfly Valves

概要

このシリーズの弁本体及びディスクは、鋼板を加工して製作しますので、軽量で構造も簡単なバタフライバルブです。主な用途としては、低圧の空気、ガスなどの流量、圧力制御に適しています。又、低圧の高温流体への対応も比較的安価で容易にできます。

GENERAL

The valve body and the disc of the 600S Series Butterfly Valves are made of machined steel plates. This allows light and simple construction. Typical applications are flow/pressure controls of low-pressure air and gas. High temperature fluid at low pressure levels can also be accommodated inexpensively and easily.

標準仕様 STANDARD SPECIFICATIONS

弁本体部 BODY

シリーズ Series	600S
弁サイズ Body size	3"~72" (80A~1800A)
ディスク形状 Disc form	ダンパー形 (図2-1) Damper type (See Fig. 2-1) 15度密閉形 (図2-2) 15 deg Sealed type (See Fig. 2-2) バックシート形 (図2-3) Back Seat type (See Fig. 2-3)
フランジ規格 Flange ratings	JIS 2K, 5K, 10K/ANSI (API) 150#
弁本体接続 Body connections	フランジ形 Flanged
寸法 Dimension	11~26頁をご参照下さい。 See pages 11 ~ 26.
主要部材質 Main part materials	表1をご参照下さい。 See Table 1.
軸受型式 Bearing type for Stem	弁サイズ 22" (550A) 以下 BODY SIZE 22" AND UNDER 内部軸受形 Inner bearing type : -5~+200°C 外部軸受形 Outer bearing type : -201°C ~+600°C 弁サイズ 24" (600A) 以上 BODY SIZE 24" AND OVER 外部軸受形 Outer bearing type : -5~+600°C
パッキン Packing	テフロンファイバー TFE fiberl : -5~+200°C グラファイト Graphite : -5~+450°C セラミックス Ceramics : +451°C ~600°C
塗装色 Painting color	銀色 (ラッカー樹脂系)、高温 (シリコン樹脂系) 但し、ステンレス鋼には、塗装しません。 Silver (Lacquer enamel resin). High temperature (Silicon resin) In the case of stainless steel body, no painting is standard.

駆動部 ACTUATOR

仕様 Specification	駆動部形式 Actuator Type	ダイヤフラム式 Diaphragm type 5200TA	シリンダ式 Pneumatic Cylinder type 63D0RC, 7300RB	
		マルチスプリング形 Multi-spring type	単動形 Spring return type	複動形 Double acting type
用途 Purpose		モジュレーション又はオン・オフ Modulation or On-Off	モジュレーション又はオン・オフ Modulation or On-Off	
供給空気圧(スプリングレンジ) Air supply (Spring range) kPa [gaug]		300 (80~200) 340 (80~200) 340 (120~300)	300, 400, 500	
作動 Action	正作動 Direct action	空気圧増加で弁閉 Air to valve shut	空気圧増加で弁閉 Air to valve shut	調節信号増加： 弁閉又は弁開 Signal increase: Valve shut or open
	逆作動 Reverse action	空気圧増加で弁開 Air to valve open	空気圧増加で弁開 Air to valve open	
ヒステリシス Hysteresis		≤1%×フルストローク (ポジショナ付) ≤1% of FS with positioner	≤1.5%×フルストローク (ポジショナ付) ≤1.5% of full stroke with positioner	
直線性 Linearity		≤±2.0%×フルストローク (ポジショナ付) ≤±2.0% of FS with positioner	≤±2.0%×フルストローク (ポジショナ付) ≤±2.0% of full stroke with positioner	
許容周囲温度 Ambient Temp.		-10~+70℃	-20~+60℃	
色 Colour		マンセルN-6 (エポキシ樹脂系) Munsell N-6 (Epoxy resin group)	7300RB: マンセルN-6 (エポキシ樹脂系) Munsell N-6 (Epoxy resin group)	
			63D0RC: Cylinder…アルマイト処理 Alodur (special hard anodized) End cap…グレー Gray	
オプション Option		E/P・P/Pポジショナ、エアセット、電磁弁、リミットスイッチ、開度発信器、スピードコントローラ、ロック弁、ロックアップ弁、開度ストップ、手動操作機構、他 E/P・P/P Positioner, Air-set, Solenoid valve, Limit switch, Position transmitter, Speed controller, Lock valve, Lock-up valve, Rotation stopper, Manual override, etc.		

性能 PERFORMANCE

定格 Cv Rated Cv	表2を御参照下さい。 See Table 2.
流量特性 Flow characteristics	固有特性：図3を御参照下さい。 Inherent characteristic : See Fig. 3.
レンジアビリティ Rangeability	図3を御参照下さい。 See Fig. 3.
弁座許容漏洩量 Seat leakage	図2を御参照下さい。 See Fig 2.

付加仕様 (有償) OPTIONAL SPECIAL SPECIFICATIONS (Additional cost is required)

弁本体部特殊検査 Special testing for Body	材料検査 {ミルシート、液体浸透探傷検査 (PT)、放射線透過検査 (RT)} Material certificate, Liquid penetrant testing, Radiographic testing.
弁本体部特殊洗浄 Special cleaning for Body	酸素禁油処理、禁油処理、禁水処理 Oxygen clean, Oil-free, Water-free.
弁本体部及び駆動部特殊仕様 Special specification for Body and Actuator	防砂・防塵仕様、塩害仕様、寒冷仕様、熱帯仕様、禁銅仕様、真空サービス、特殊空気配管及び特殊ジョイント、外気露出部SUSボルトナット、指定塗装色 Sand and Dust proof, Salty environment proof, Cold area proof, Tropical area proof, Do not use copper alloy, Vacuum service proof. Special piping and fitting, SUS bolt and nut for exposed parts, Non-standard painting.

表1 弁本体とトリムの標準材質組合せ並びに使用温度範囲

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

表1-1 弁サイズ 22B (550A) 以下

Table 1-1 BODY SIZE 22" AND UNDER

ディスク形状 Disc form	軸受形式 Bearing type (使用温度範囲) (Operating Temp.)	材 質 Materials						ベアリング Bearing
		弁本体 Body	ディスク Disc	シャフト Shaft	バックシート Back seat	フランジ Body flange		
ダンパー形 Damper type	内部軸受形 Inner bearing type (-5~+200℃)	SS400	SS400	SUS304	—	SS400	強化テフロン Reinforced TFE	
			SUS304	SUS304	—	SS400		
		SUS304	SUS304	SUS304	—	SS400		
			SUS316	SUS316	—	SS400		
			SUS316	SUS316	—	SUS304		
	SUS316	SUS316	SUS316	—	SUS316			
	外部軸受形 Outer bearing type (+201℃ ~+400℃)	SS400	SS400	SUS304	—	SS400		標準形 Standard type
			SUS304	SUS304	—	SS400		
		SUS304	SUS304	SUS304	—	SUS304		
			SUS316	SUS316	—	SS400		
			SUS316	SUS316	—	SUS304		
	SUS316	SUS316	SUS316	—	SUS316			
	外部軸受形 Outer bearing type (+401℃ ~+600℃)	SUS304	SUS304	SUS304	—	SUS304		オイルレス Oil-less
			SUS316	SUS316	—	SUS316		
	15度密閉形 15 deg sealed type	内部軸受形 Inner bearing type (-5℃ ~+100℃)	SS400	SS400	SUS304	—		SS400
SUS304				SUS304	—	SS400		
SUS304			SUS304	SUS304	—	SUS304		
			SUS316	SUS316	—	SS400		
			SUS316	SUS316	—	SUS304		
SUS316	SUS316	SUS316	—	SUS316				
バックシート形 Back seat type	内部軸受形 Inner bearing type (-5℃ ~+200℃)	SS400	SS400	SUS304	SS400	SS400	強化テフロン Reinforced TFE	
			SUS304	SUS304	SUS304	SS400		
		SUS304	SUS304	SUS304	SUS304	SUS304		
			SUS316	SUS316	SUS304	SS400		
			SUS316	SUS316	SUS304	SUS304		
	SUS316	SUS316	SUS316	SUS316	SUS316			
	外部軸受形 Outer bearing type (+201℃ ~+400℃)	SS400	SS400	SUS304	SS400	SS400	標準形 Standard type	
			SUS304	SUS304	SUS304	SS400		
		SUS304	SUS304	SUS304	SUS304	SUS304		
			SUS316	SUS316	SUS304	SS400		
			SUS316	SUS316	SUS304	SUS304		
	SUS316	SUS316	SUS316	SUS316	SUS316			
	外部軸受形 Outer bearing type (+401℃ ~+600℃)	SUS304	SUS304	SUS304	SUS304	SUS304	オイルレス Oil-less	
			SUS316	SUS316	SUS316	SUS316		
			SUS316	SUS316	SUS316	SUS316	SUS316	
SUS316				SUS316	SUS316	SUS316		

表1-2 弁サイズ 24B (600A) 以上

Table 1-2 BODY SIZE 24" AND OVER

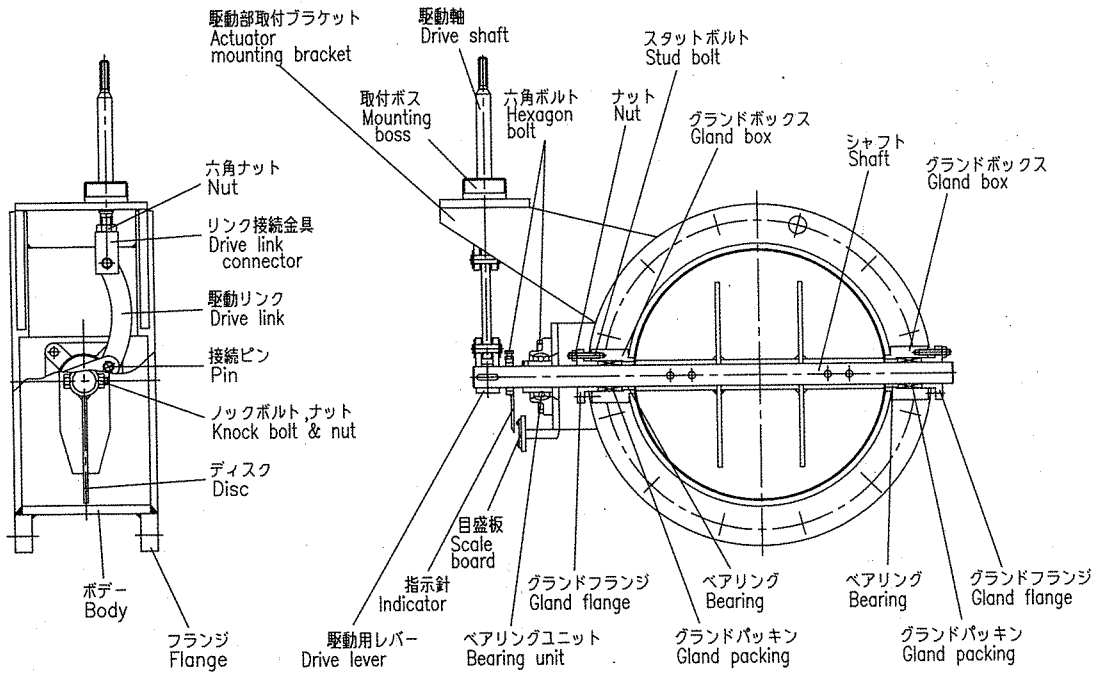
ディスク形状 Disc form	軸受形式 Bearing type (使用温度範囲) (Operating Temp.)	材 質 Materials						
		弁本体 Body	ディスク Disc	シャフト Shaft	バックシート Back seat	フランジ Body flange	ベアリング Bearing	
ダンパー形 Damper type	外部軸受形 Outer bearing type (-5~+400℃)	SS400	SS400	SUS304	—	SS400	標準形 Standard type	
			SUS304	SUS304	—	SS400		
		SUS304	SUS304	SUS304	—	SUS304		
			SUS316	SUS316	—	SS400		
			SUS316	SUS316	—	SUS304		
	外部軸受形 Outer bearing type (+401℃ ~+600℃)	SUS304	SUS304	SUS304	—	SUS304	オイルレス Oil-less	
		SUS316	SUS316	SUS316	—	SUS316		
	15度密閉形 15 deg sealed type	外部軸受形 Outer bearing type (-5~+100℃)	SS400	SS400	SUS304	—	SS400	標準形 Standard type
				SUS304	SUS304	—	SS400	
			SUS304	SUS304	SUS304	—	SUS304	
SUS316				SUS316	—	SS400		
SUS316				SUS316	—	SUS304		
SUS316		SUS316	SUS316	—	SUS316			
バックシート 形 Back seat type	外部軸受形 Outer bearing type (-5~+400℃)	SS400	SS400	SUS304	SS400	SS400	標準形 Standard type	
			SUS304	SUS304	SS400	SS400		
		SUS304	SUS304	SUS304	SUS304	SS400		
			SUS316	SUS316	SUS304	SS400		
			SUS316	SUS316	SUS304	SUS304		
	SUS316	SUS316	SUS316	SUS316	SUS316			
	外部軸受形 Outer bearing type (+401℃ ~+600℃)	SUS304	SUS304	SUS304	SUS304	SUS304	オイルレス Oil-less	
		SUS316	SUS316	SUS316	SUS304	SUS304		
		SUS316	SUS316	SUS316	SUS316	SUS316		

図1 弁本体部構造：ダイヤフラム式駆動部取付の場合

Fig. 1 BODY ASSEMBLY SECTION VIEW FOR DIAPHRAGM ACTUATOR

図1-1 内部軸受形

Fig. 1-1 INNER BEARING TYPE

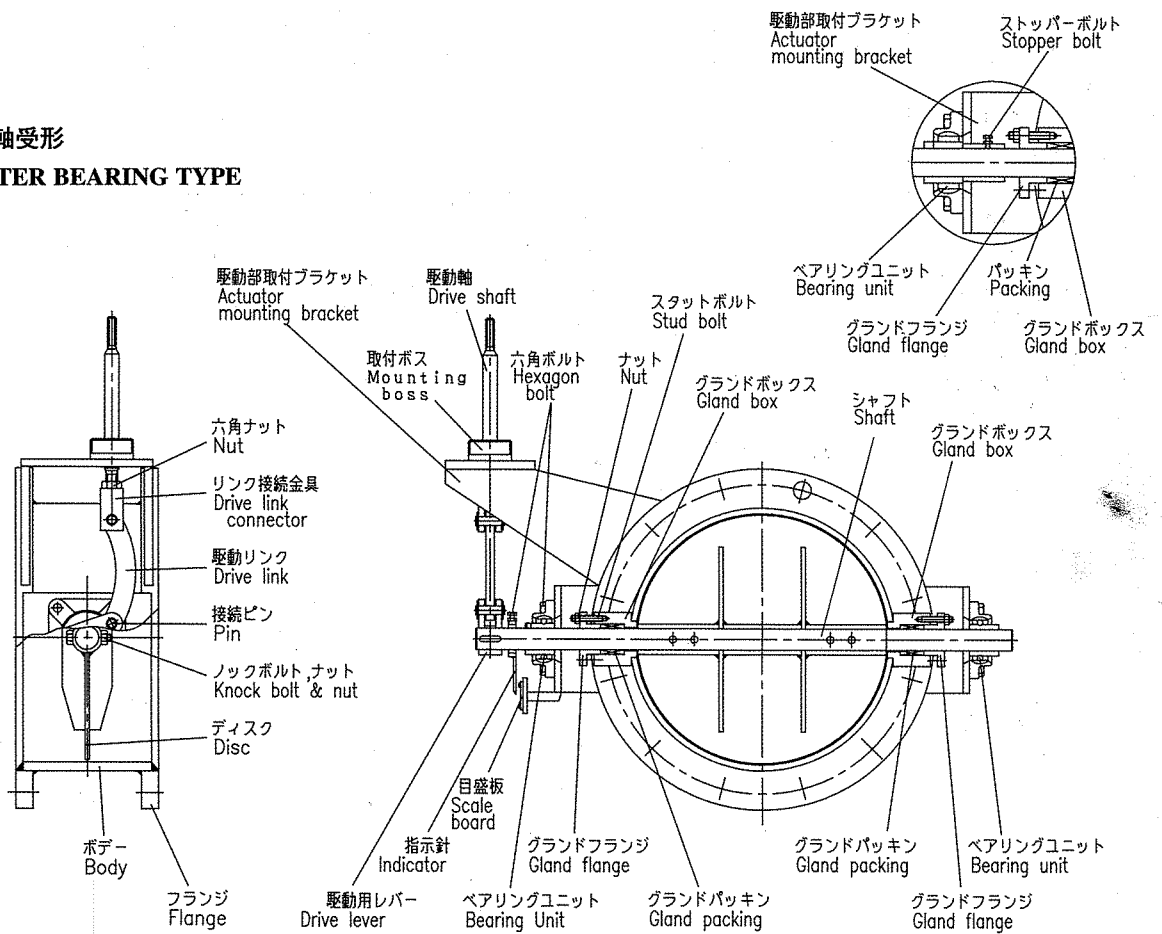


注) シャフトが水平になるように配管へ取付けて下さい
Please mount the valve so that shaft will be horizontal.

※流体温度400℃以上の外部軸受部
OUTER BEARING TYPE FOR FLUID
TEMP. 400℃ AND OVER

図1-2 外部軸受形

Fig. 1-2 OUTER BEARING TYPE



注) シャフトが水平になるように配管へ取付けて下さい。
Please mount the valve so that shaft will be horizontal.

表2 定格Cv

Table 2 Cv VALUE

弁サイズ Body size inch (mm)	ディスク開度60°のCv値 Cv at 60° disc opening			ディスク開度90°のCv値 Cv at 90° disc opening		
	ディスク形状 Disc form			ディスク形状 Disc form		
	ダンパー形 Damper type	15° 密閉形 15° sealed type	バックシート形 Back seat type	ダンパー形 Damper type	15° 密閉形 15° sealed type	バックシート形 Back seat type
3 (80)	158	150		320	320	
4 (100)	278	265	200	560	560	400
5 (125)	425	420	295	900	900	585
6 (150)	610	585	430	1280	1280	845
8 (200)	1040	1010	750	2300	2300	1500
10 (250)	1700	1630	1375	3500	3500	2550
12 (300)	2480	2400	1980	5200	5200	3900
14 (350)	3300	3200	2690	6800	6800	5500
16 (400)	4350	4200	3600	9000	9000	7400
18 (450)	5500	5300	4450	11000	11000	9100
20 (500)	6800	6500	5500	14000	14000	11500
22 (550)	8200		6900	17500		14000
24 (600)	9800		8300	20500		17000
26 (650)	12000		10000	24000		20500
28 (700)	14000		11300	28000		23900
30 (750)	16200		13100	32000		27800
32 (800)	17300		14600	36400		31900
34 (850)	19500		16600	41000		36000
36 (900)	23000		19000	46000		41000
40 (1000)	27000		24800	57000		49000
44 (1100)	34000		30000	68000		61000
48 (1200)	39000		35700	81000		73000
52 (1300)	46000		41900	95000		85600
54 (1350)	49200		45200	103500		92300
60 (1500)	61000		57000	125000		115000
72 (1800)	90000		82000	184000		171000

図2 ディスク形状と許容漏洩量

Fig. 2 DISC FORM AND SEAT LEAKAGE

弁サイズ Body size inch (mm)	許容漏洩量 ≤ Cv (ディスク90度開) × 下記% SEAT LEAKAGE ≤ Cv AT DISC OPENING × %BELOW		
	3~6 (80~150)	5.0%	0.5%
8~12 (200~300)	3.5%	0.45%	2.0%
14~18 (350~450)	3.0%	0.4%	2.0%
20~30 (500~750)	2.0%	0.3%	1.0%
32~72 (800~1800)	1.5%	—	1.0%

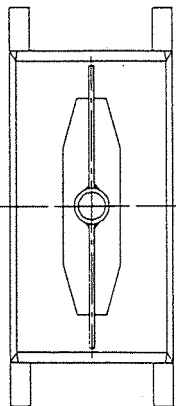
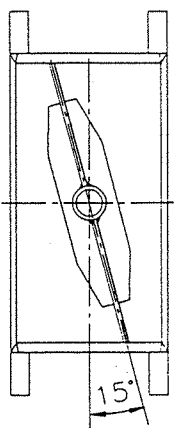
ディスク形状 Disc form	図2-1 ダンパー形 Fig. 2-1 DAMPER TYPE	図2-2 15度密閉形 Fig. 2-2 15DEG SEALED TYPE	図2-3 バックシート形 Fig. 2-3 BACK SEAT TYPE
			

図3 流量特性

Fig. 3 FLOW CHARACTERISTICS

図3-1 ダンパー形

Fig. 3-1 DAMPER TYPE

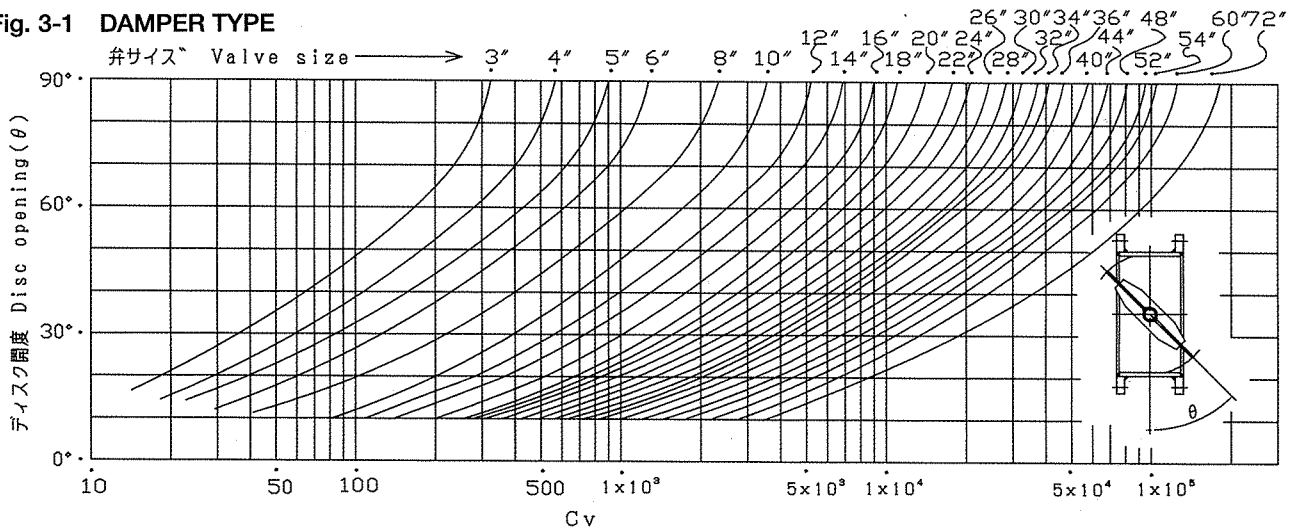


図3-2 15度密閉形

Fig. 3-2 15 DEG SEALED TYPE

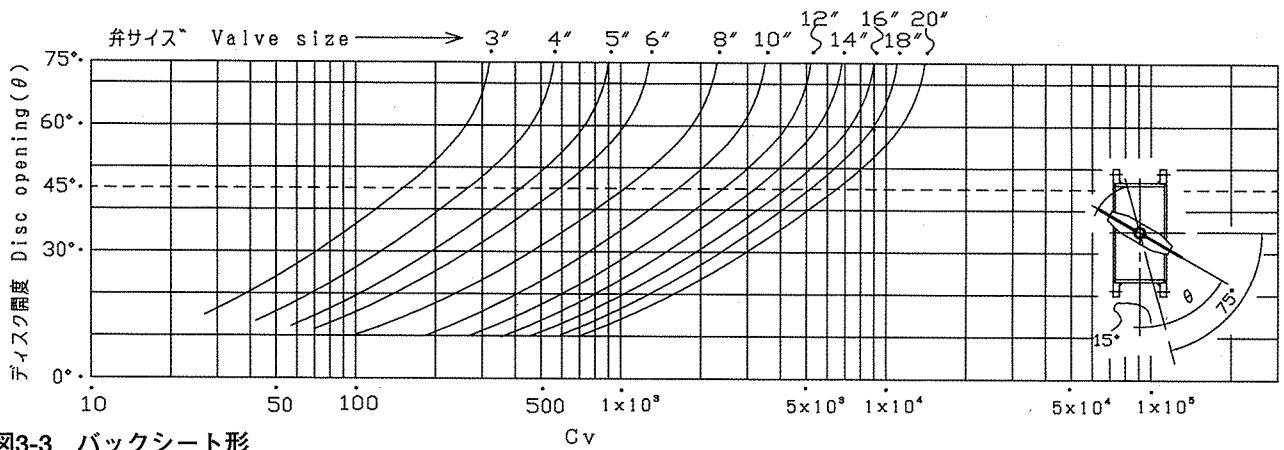


図3-3 バックシート形

Fig. 3-3 BACK SEAT TYPE

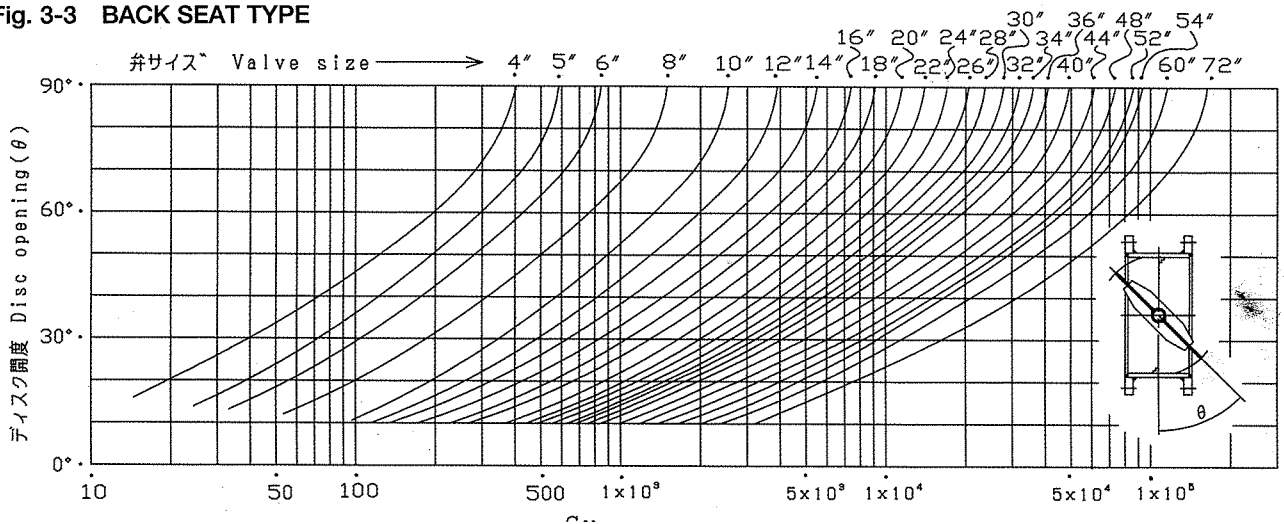


表4 標準駆動部との組合せ概算製品重量 (単位: kg)

Table 4 NET WEIGHT OF STANDARD VALVE AND ACTUATOR COMBINED (UNIT: kg)

弁本体部及び駆動部は標準品の重量で、付属品並びに手動操作機構などの重量は含んでいません。

Only standard types are represented. Weights of accessories, a manual override and like are not included.

表4-1 ダイアフラム式駆動部

Table 4-1 Diaphragm actuator

ディスク形状 Disc form	内部軸受形 Inner bearing type			外部軸受形 Outer bearing type		
	単動形 Spring return type			単動形 Spring return type		
	5200TA			5200TA		
	270	350	450L	270	350	450L
3 (80)	36			41		
4 (100)	39			43		
5 (125)	45			50		
6 (150)	50			55		
8 (200)	55	77		60	82	
10 (250)	67	89		75	97	
12 (300)	73	98		80	102	
14 (350)	89	111		96	118	
16 (400)		127	177		137	189
18 (450)		137	187		147	197
20 (500)			197			207
22 (550)			217			232
24 (600)			—			257
26 (650)			—			267
28 (700)			—			307

表4-2 複動形シリンダ式駆動部／内部軸受形

Table 4-2 Double acting type cylinder actuator/Inner bearing type

弁サイズ Body size	複動形 Double acting type													
	63D0RC											7300RB		
	AT201U	AT251U	AT301U	AT351U	AT401U	AT451U	AT501U	AT551U	AT601U	AT651U	AT701U	170	235	280
3 (80)	26													
4 (100)	28													
5 (125)	32													
6 (150)	36	42												
8 (200)		47	48											
10 (250)		55	57	60										
12 (300)		68	69	73										
14 (350)			80	84	85									
16 (400)			92	95	97	101								
18 (450)			108	111	115	120								
20 (500)					130	135	140							
22 (550)					150	155	160							

表4-3 複動形シリンダ式駆動部／外部軸受形

Table 4-3 Double acting type cylinder actuator/Inner bearing type

弁サイズ Body size	複動形 Double acting type													
	63D0RC											7300RB		
	AT201U	AT251U	AT301U	AT351U	AT401U	AT451U	AT501U	AT551U	AT601U	AT651U	AT701U	170	235	280
3 (80)	32													
4 (100)	34													
5 (125)	37													
6 (150)	41	42												
8 (200)		52	54											
10 (250)		60	62	65										
12 (300)		76	78	81										
14 (350)			88	92	94									
16 (400)			101	104	106	111								
18 (450)			117	120	125	127								
20 (500)					140	145	150							
22 (550)					160	165	170							
24 (600)					175	180	185	195				205		
26 (650)						210	215	220				230	280	
28 (700)							225	230	240			240	290	
30 (750)							255	260	270			270	320	
32 (800)							290	295	305	325		300	350	
34 (850)							310	315	325	345		320	370	
36 (900)							330	335	345	365		340	390	
40 (1000)								480	490	510	540	475	525	
44 (1100)								535	550	565	600		580	
48 (1200)									610	630	660		640	
52 (1300)									685	705	735		680	
54 (1350)										745	780		700	
56 (1500)										905	940		850	

表4-4 単動形シリンダ式駆動部／内部軸受形

Table 4-4 Spring return type cylinder actuator/Inner bearing type

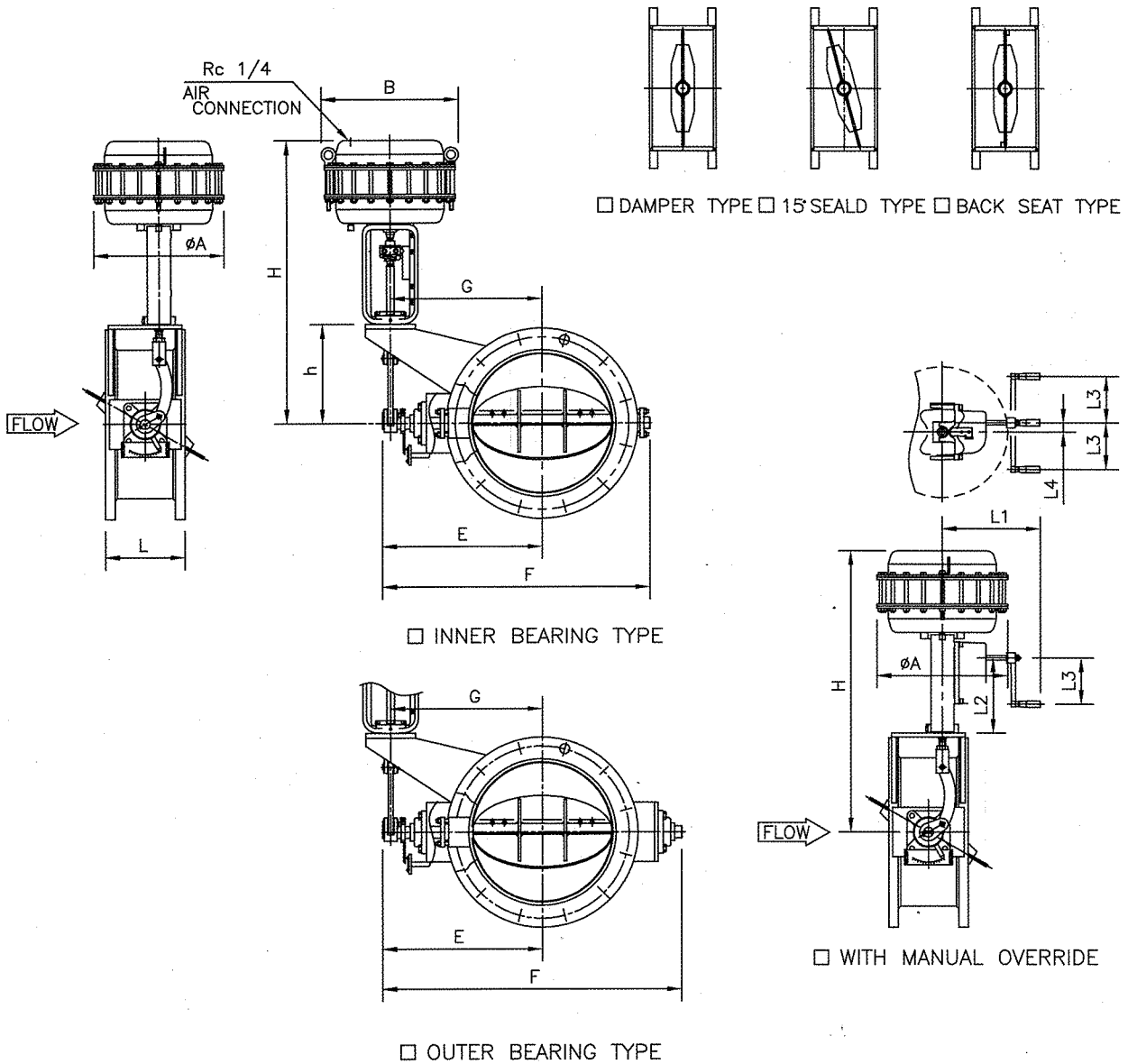
弁サイズ Body size	単動形 Spring return type													
	63D0RC											7300RB		
	AT201U	AT251U	AT301U	AT351U	AT401U	AT451U	AT501U	AT551U	AT601U	AT651U	AT701U	170	235	280
3 (80)	28													
4 (100)	30	33												
5 (125)	33	36												
6 (150)	38	40	43	46										
8 (200)		49	53	56										
10 (250)			61	64	70									
12 (300)			74	77	83	89								
14 (350)				88	93	100						135		
16 (400)				100	105	111						145		
18 (450)					121	127	135					160		
20 (500)						145	155	170				180	245	
22 (550)						165	175	190				195	265	

表4-5 単動形シリンダ式駆動部／外部軸受形

Table 4-5 Spring return type Cylinder actuator/Outer bearing type

弁サイズ Body size	複動形 Double acting type													
	63D0RC											7300RB		
	AT201U	AT251U	AT301U	AT351U	AT401U	AT451U	AT501U	AT551U	AT601U	AT651U	AT701U	170	235	280
3 (80)	33													
4 (100)	36	38												
5 (125)	39	41												
6 (150)	43	45	49	52										
8 (200)		55	58	61										
10 (250)			67	70	75									
12 (300)			83	85	91	97								
14 (350)				96	102	108						145		
16 (400)				109	115	121						155		
18 (450)					130	137	145					170		
20 (500)						155	160	175				185	250	
22 (550)						175	185	200				205	270	
24 (600)							200	215	235			220	285	
26 (650)							225	240	260			245	310	
28 (700)								250	270	310		255	320	
30 (750)								285	305	345			350	450
32 (800)								335	335	375			380	480
34 (850)									355	395			400	500
36 (900)									375	415			420	520
40 (1000)									520	560			555	655
44 (1100)									580	620				710
48 (1200)										680				770
52 (1300)														
54 (1350)														
56 (1500)														

BUTTERFLY VALVE 600S DIRECT ACTION



DIMENSIONS

UNIT : mm

BODY SIZE CODE NO.	ACTUATOR											WITH MANUAL OVERRIDE				CODE No.		
	□ JIS 5k FF		□ JIS 10k RF		□ ANSI Class 150 RF					□ JIS 10k FF		□ JPI Class 150 RF						
	L	□ INNER BEARING TYPE		□ OUTER BEARING TYPE								L1	L2	L3	L4			
	E	F	G	E	F	G	h	H	A	B								
14 □ 14"(350A)	200	400	670	380	495	945	470	250	885	□ 450	472	336	260~180	160	32	524LTA		
16 □ 16"(400A)	200	435	730	410	535	1015	510	250	885	□ 450	472	336	260~180	160	32	524LTA		
18 □ 18"(450A)	200	505	830	480	565	1080	540	250	885	□ 450	472	336	260~180	160	32	524LTA		
20 □ 20"(500A)	250	565	920	540	610	1160	585	280	915	□ 450	472	336	260~180	160	32	524LTA		
22 □ 22"(550A)	250	625	1010	600	640	1220	615	280	915	□ 450	472	336	260~180	160	32	524LTA		
24 □ 24"(600A)	250	—	—	—	665	1270	640	300	935	□ 450	472	336	260~180	160	32	524LTA		
26 □ 26"(650A)	250	—	—	—	695	1330	670	300	935	□ 450	472	336	260~180	160	32	524LTA		
28 □ 28"(700A)	250	—	—	—	720	1380	695	300	935	□ 450	472	336	260~180	160	32	524LTA		

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

NOTE:

DRAWING No.

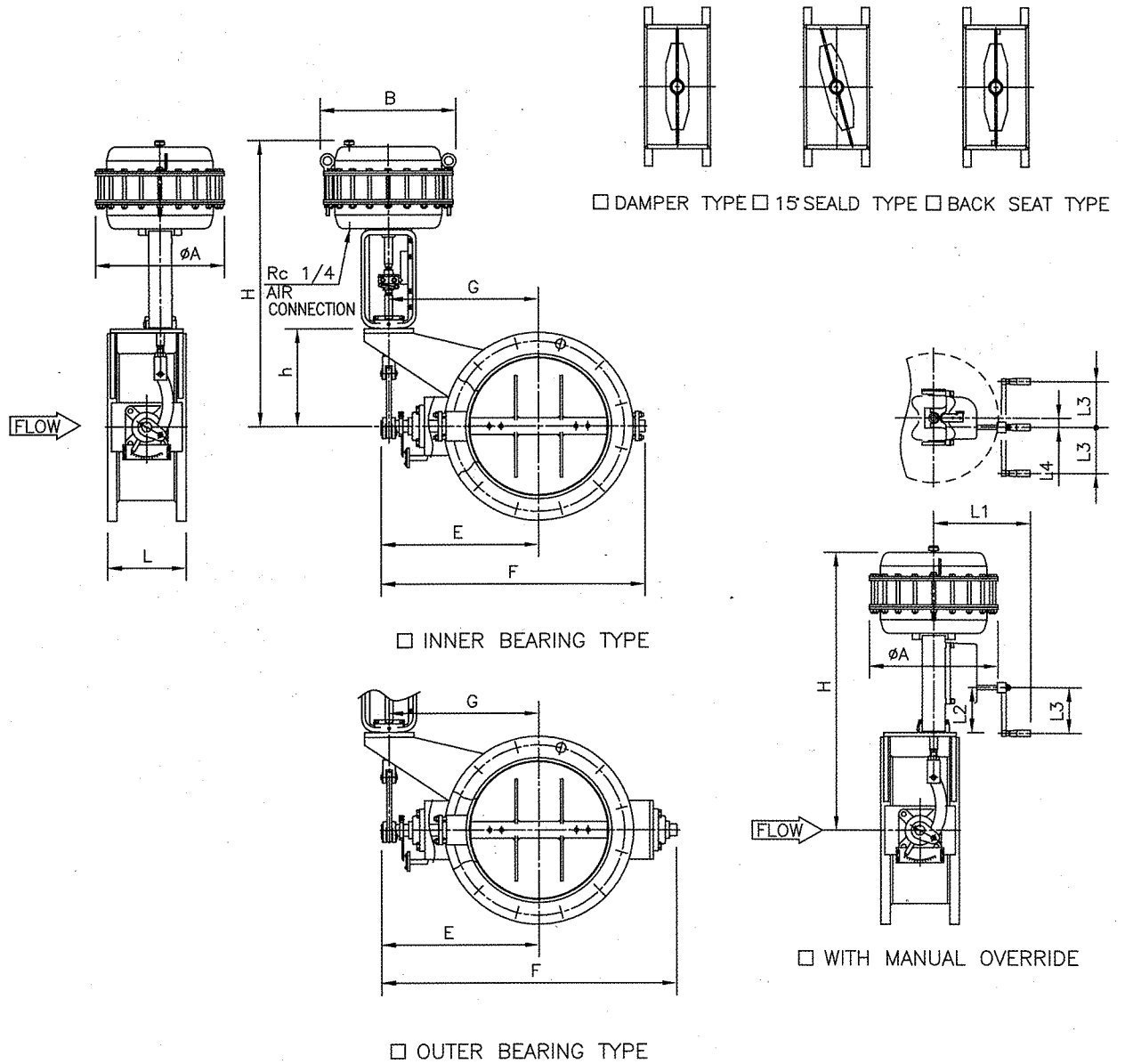
E-600S-524LTA-D-N
S

REV.

D

KOSO

BUTTERFLY VALVE 600S REVERSE ACTION



DIMENSIONS

UNIT : mm

BODY SIZE CODE NO.	<input type="checkbox"/> JIS 5k FF <input type="checkbox"/> JIS 10k RF <input type="checkbox"/> ANSI Class 150 RF <input type="checkbox"/> JIS 10k FF <input type="checkbox"/> JPI Class 150 RF		ACTUATOR													
	L	<input type="checkbox"/> INNER BEARING TYPE <input type="checkbox"/> OUTER BEARING TYPE			E	F	G	h	H	A	B	WITH MANUAL OVERRIDE				CODE NO.
		E	F	G								L1	L2	L3	L4	
14 <input type="checkbox"/> 14"(350A)	200	400	670	380	495	945	470	250	925	<input type="checkbox"/> 450	472	336	161~241	160	32	524LTA
16 <input type="checkbox"/> 16"(400A)	200	435	730	410	535	1015	510	250	925	<input type="checkbox"/> 450	472	336	161~241	160	32	524LTA
18 <input type="checkbox"/> 18"(450A)	200	505	830	480	565	1080	540	250	925	<input type="checkbox"/> 450	472	336	161~241	160	32	524LTA
20 <input type="checkbox"/> 20"(500A)	250	565	920	540	610	1160	585	280	955	<input type="checkbox"/> 450	472	336	161~241	160	32	524LTA
22 <input type="checkbox"/> 22"(550A)	250	625	1010	600	640	1220	615	280	955	<input type="checkbox"/> 450	472	336	161~241	160	32	524LTA
24 <input type="checkbox"/> 24"(600A)	250	—	—	—	665	1270	640	300	975	<input type="checkbox"/> 450	472	336	161~241	160	32	524LTA
26 <input type="checkbox"/> 26"(650A)	250	—	—	—	695	1330	670	300	975	<input type="checkbox"/> 450	472	336	161~241	160	32	524LTA
28 <input type="checkbox"/> 28"(700A)	250	—	—	—	720	1380	695	300	975	<input type="checkbox"/> 450	472	336	161~241	160	32	524LTA

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

NOTE:

DRAWING No.

E-600S-524LTA-R-N
S

REV.

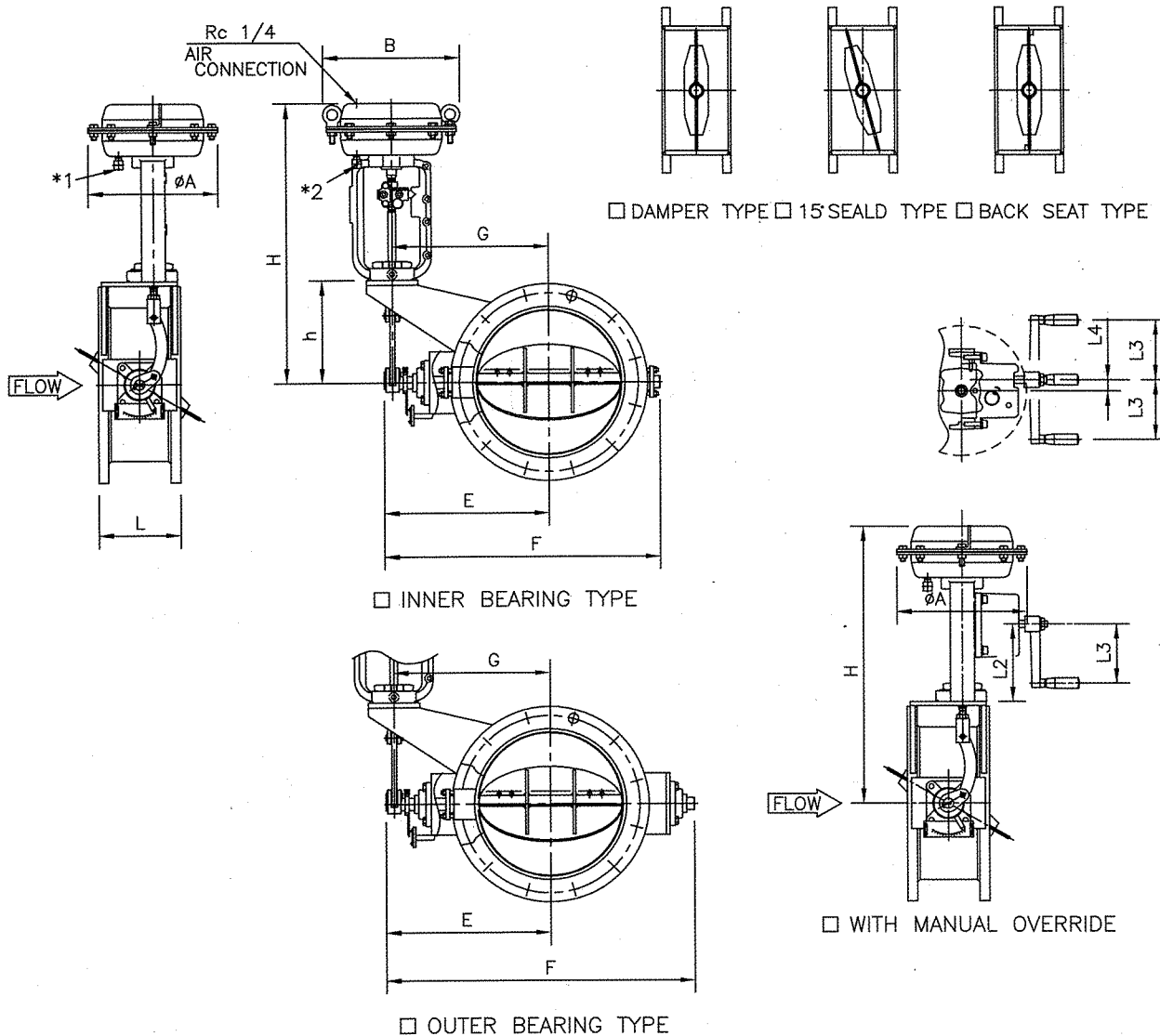
E

KOSO

BUTTERFLY VALVE 600 S DIRECT ACTION

*1 AIR EXHAUST POSITION FOR $\phi 270$.

*2 AIR EXHAUST POSITION FOR $\phi 350$.



DIMENSIONS

UNIT : mm

CODE NO.	BODY SIZE	FLANGE								ACTUATOR								CODE NO.
		□ JIS 5k FF				□ JIS 10k RF				□ ANSI Class 150 RF				□ JPI Class 150 RF				
		□ INNER BEARING TYPE				□ OUTER BEARING TYPE				WITH MANUAL OVERRIDE								
L	E	F	G	E	F	G	h	H	A	B	L1	L2	L3	L4				
03	□ 3" (80A)	200	250	385	230	330	620	310	200	595	□ 270	283	230	165~135	100	27.5	5227TA	
04	□ 4" (100A)	200	260	400	240	345	645	325	200	595	□ 270	283	230	165~135	100	27.5	5227TA	
05	□ 5" (125A)	200	280	440	260	365	685	345	200	595	□ 270	283	230	165~135	100	27.5	5227TA	
06	□ 6" (150A)	200	290	460	270	385	725	365	200	595	□ 270	283	230	165~135	100	27.5	5227TA	
08	□ 8" (200A)	200	320	515	300	415	780	395	200	595	□ 270	283	230	165~135	100	27.5	5227TA	
										630	□ 350	367	230	183~143	100	27.5	5235TA	
10	□ 10" (250A)	200	350	570	330	445	840	425	200	595	□ 270	283	230	165~135	100	27.5	5227TA	
										630	□ 350	367	230	183~143	100	27.5	5235TA	
12	□ 12" (300A)	200	375	620	355	470	890	450	200	595	□ 270	283	230	165~135	100	27.5	5227TA	
										630	□ 350	367	230	183~143	100	27.5	5235TA	
14	□ 14" (350A)	200	400	670	380	495	945	470	250	645	□ 270	283	230	165~135	100	27.5	5227TA	
										680	□ 350	367	230	183~143	100	27.5	5235TA	
16	□ 16" (400A)	200	435	730	410	535	1015	510	250	680	□ 350	367	230	183~143	100	27.5	5235TA	
18	□ 18" (450A)	200	505	830	480	565	1080	540	250	680	□ 350	367	230	183~143	100	27.5	5235TA	

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

NOTE:

DRAWING No.

E-600S-5200TA-D-N
S

REV.

E

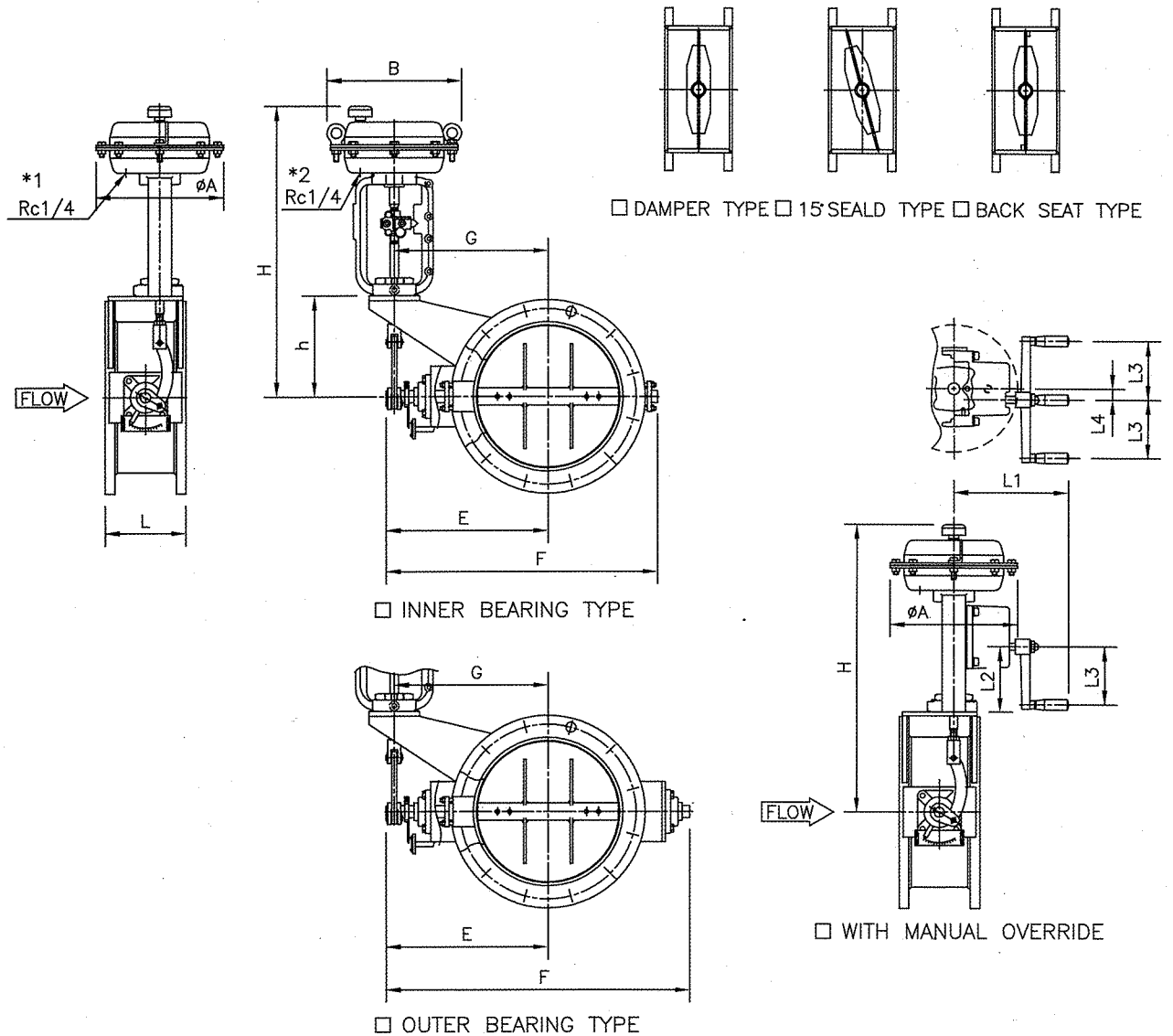
KOSO

ED-09A

BUTTERFLY VALVE 600S REVERSE ACTION

*1 AIR CONNECTION POSITION FOR $\phi 270$.

*2 AIR CONNECTION POSITION FOR $\phi 350$.



DIMENSIONS

UNIT : mm

CODE NO.	BODY SIZE	ACTUATOR										WITH MANUAL OVERRIDE				CODE NO.	
		□ JIS 5k FF		□ JIS 10k RF		□ ANSI Class 150 RF		□ JIS 10k FF		□ JPI Class 150 RF		L1	L2	L3	L4		
		L	E	F	G	E	F	G	h	H	A						B
03	□ 3" (80A)	200	250	385	230	330	620	310	200	635	□ 270	283	230	118~148	100	27.5	5227TA
04	□ 4" (100A)	200	260	400	240	345	645	325	200	635	□ 270	283	230	118~148	100	27.5	5227TA
05	□ 5" (125A)	200	280	440	260	365	685	345	200	635	□ 270	283	230	118~148	100	27.5	5227TA
06	□ 6" (150A)	200	290	460	270	385	725	365	200	635	□ 270	283	230	118~148	100	27.5	5227TA
08	□ 8" (200A)	200	320	515	300	415	780	395	200	635	□ 270	283	230	118~148	100	27.5	5227TA
										670	□ 350	367	230	120~160	100	27.5	5235TA
10	□ 10" (250A)	200	350	570	330	445	840	425	200	635	□ 270	283	230	118~148	100	27.5	5227TA
										670	□ 350	367	230	120~160	100	27.5	5235TA
12	□ 12" (300A)	200	375	620	355	470	890	450	200	635	□ 270	283	230	118~148	100	27.5	5227TA
										670	□ 350	367	230	120~160	100	27.5	5235TA
14	□ 14" (350A)	200	400	670	380	495	945	470	250	685	□ 270	283	230	118~148	100	27.5	5227TA
										720	□ 350	367	230	120~160	100	27.5	5235TA
16	□ 16" (400A)	200	435	730	410	535	1015	510	250	720	□ 350	367	230	120~160	100	27.5	5235TA
18	□ 18" (450A)	200	505	830	480	565	1080	540	250	720	□ 350	367	230	120~160	100	27.5	5235TA

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

NOTE:

DRAWING No.

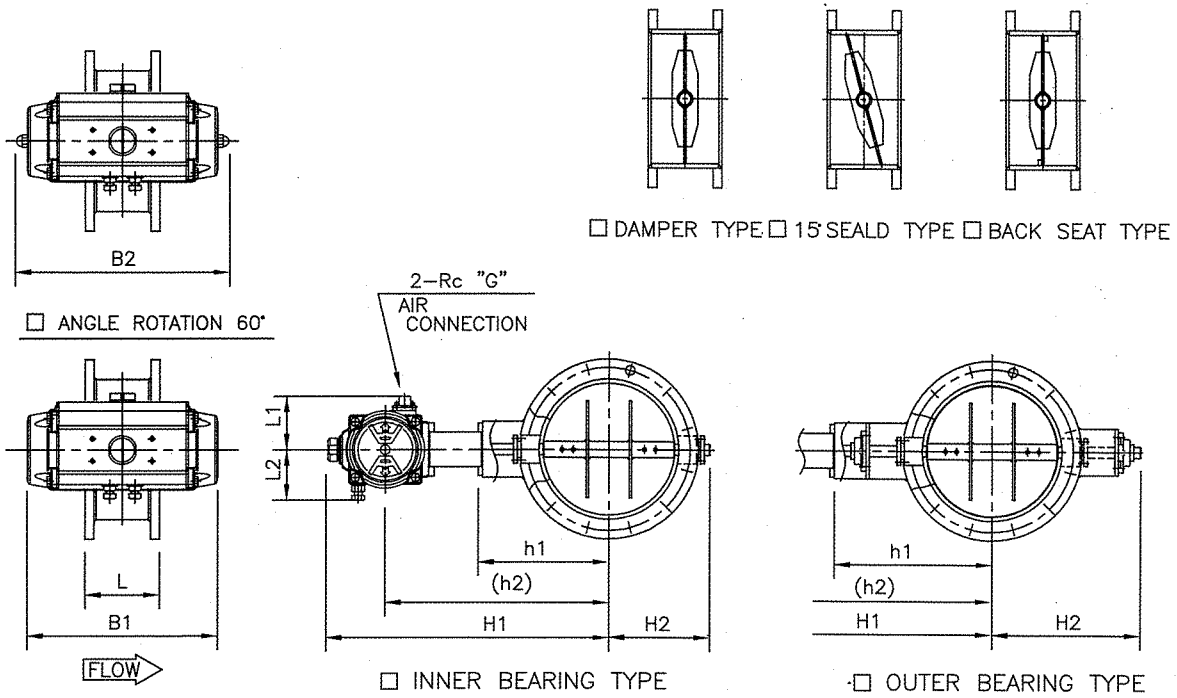
E-600S-5200TA-R-N
S

REV.

F

KOSO

BUTTERFLY VALVE 600S Double acting and Spring return cylinder



DIMENSIONS

UNIT : mm

BODY SIZE CODE No.	□ JIS 5k FF □ JIS 10k RF □ ANSI Class 150 RF □ JIS 10k FF □ JPI Class 150 RF		ACTUATOR													
	L	□ INNER BEARING TYPE				□ OUTER BEARING TYPE				Cylinder Size	B1	B2	L1	L2	G	CODE No.
		h1	h2	H1	H2	h1	h2	H1	H2							
03 □ 3" (80A)	200	160	335	405	135	315	490	560	285	□ AT201U	205	230	70	60	1/4	63D2RC
			340	415			495	570		□ AT251U	245	270	75	65	1/4	63DARC
04 □ 4" (100A)	200	175	350	420	140	325	500	570	295	□ AT201U	205	230	70	60	1/4	63D2RC
			355	430			505	580		□ AT251U	245	270	75	65	1/4	63DARC
			390	475			540	625		□ AT301U	260	295	80	75	1/4	63D3RC
05 □ 5" (125A)	200	195	370	440	160	340	515	585	310	□ AT201U	205	230	70	60	1/4	63D2RC
			375	450			520	595		□ AT251U	245	270	75	65	1/4	63DARC
			410	495			555	640		□ AT301U	260	295	80	75	1/4	63D3RC
			390	465			540	615		□ AT251U	245	270	75	65	1/4	63DARC
06 □ 6" (150A)	200	210	425	510	170	360	575	660	330	□ AT301U	260	295	80	75	1/4	63D3RC
			435	535			585	685		□ AT351U	305	345	90	90	1/4	63DBRC
			455	565			605	715		□ AT401U	335	375	100	90	1/4	63D4RC
			420	495			565	640		□ AT251U	245	270	75	65	1/4	63DARC
08 □ 8" (200A)	200	240	455	540	195	385	600	685	355	□ AT301U	260	295	80	75	1/4	63D3RC
			465	565			610	710		□ AT351U	305	345	90	90	1/4	63DBRC
			485	595			630	740		□ AT401U	335	375	100	90	1/4	63D4RC
10 □ 10" (250A)	200	300	480	555	220	420	600	675	390	□ AT251U	245	270	75	65	1/4	63DARC
			515	600			635	720		□ AT301U	260	295	80	75	1/4	63D3RC
			525	625			645	745		□ AT351U	305	345	90	90	1/4	63DBRC
			545	655			665	775		□ AT401U	335	375	100	90	1/4	63D4RC
12 □ 12" (300A)	200	325	585	700	245	440	705	820	410	□ AT451U	395	440	110	105	1/4	63DCRC
			505	580			620	695		□ AT251U	245	270	75	65	1/4	63DARC
			540	625			655	740		□ AT301U	260	295	80	75	1/4	63D3RC
			550	650			665	765		□ AT351U	305	345	90	90	1/4	63DBRC
			570	680			685	795		□ AT401U	335	375	100	90	1/4	63D4RC
610	725	725	840	□ AT451U	395	440	110	105	1/4	63DCRC						
615	745	730	860	□ AT501U	425	470	120	110	1/4	63D5RC						

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

NOTE:

DRAWING No.

E-600S-63DORC-0N-3

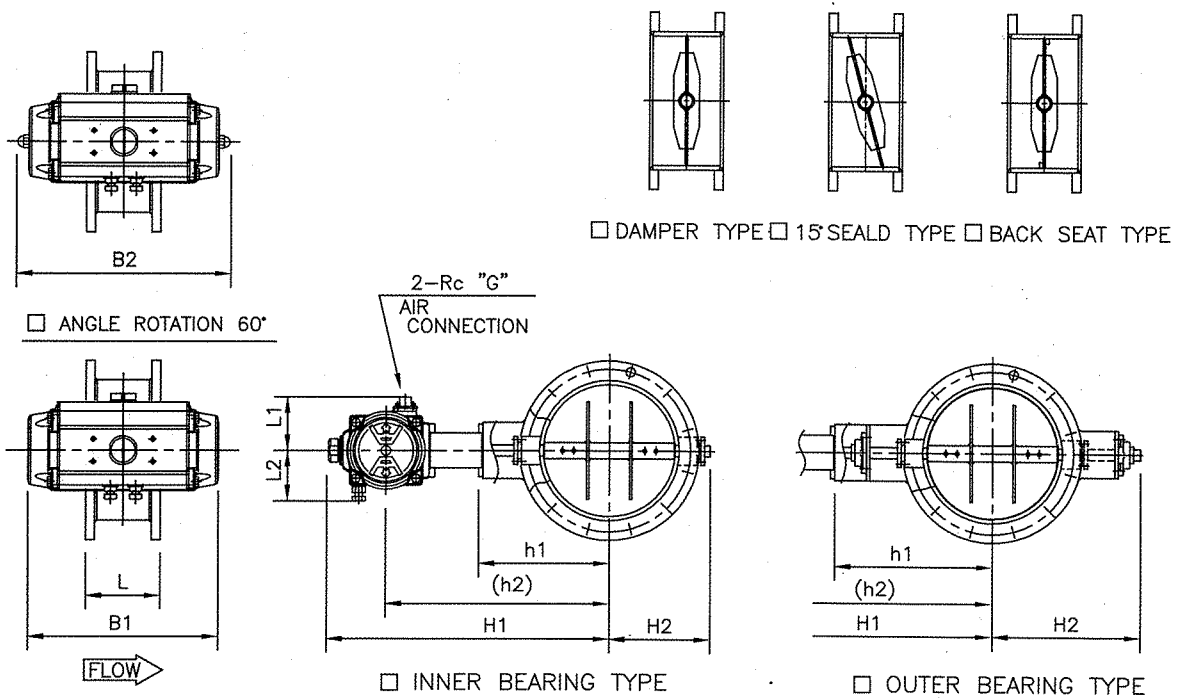
REV.

A

KOSO

ED-09A

BUTTERFLY VALVE 600S Double acting and Spring return cylinder



DIMENSIONS

UNIT : mm

BODY SIZE		<input type="checkbox"/> JIS 5k FF <input type="checkbox"/> JIS 10k RF <input type="checkbox"/> ANSI Class 150 RF <input type="checkbox"/> JIS 10k FF <input type="checkbox"/> JPI Class 150 RF								ACTUATOR							
		L	INNER BEARING TYPE				OUTER BEARING TYPE				Cylinder Size	B1	B2	L1	L2	G	CODE No.
h1	h2		H1	H2	h1	h2	H1	H2									
14	□ 14" (350A)	200	345	560	645	270	465	680	765	440	<input type="checkbox"/> AT301U	260	295	80	75	1/4	63D3RC
				570	670			690	790		<input type="checkbox"/> AT351U	305	345	90	90	1/4	63DBRC
				590	700			710	820		<input type="checkbox"/> AT401U	335	375	100	90	1/4	63D4RC
				630	745			750	865		<input type="checkbox"/> AT451U	395	440	110	105	1/4	63DCRC
				635	765			755	885		<input type="checkbox"/> AT501U	425	470	120	110	1/4	63D5RC
16	□ 16" (400A)	200	380	595	680	295	505	720	805	480	<input type="checkbox"/> AT301U	260	295	80	75	1/4	63D3RC
				605	705			730	830		<input type="checkbox"/> AT351U	305	345	90	90	1/4	63DBRC
				625	735			750	860		<input type="checkbox"/> AT401U	335	375	100	90	1/4	63D4RC
				665	780			790	905		<input type="checkbox"/> AT451U	395	440	110	105	1/4	63DCRC
				670	800			795	925		<input type="checkbox"/> AT501U	425	470	120	110	1/4	63D5RC
18	□ 18" (450A)	200	410	625	710	315	530	745	930	510	<input type="checkbox"/> AT301U	260	295	80	75	1/4	63D3RC
				635	735			755	855		<input type="checkbox"/> AT351U	305	345	90	90	1/4	63DBRC
				655	765			775	885		<input type="checkbox"/> AT401U	335	375	100	90	1/4	63D4RC
				695	810			815	930		<input type="checkbox"/> AT451U	395	440	110	105	1/4	63DCRC
				700	830			820	950		<input type="checkbox"/> AT501U	425	470	120	110	1/4	63D5RC
20	□ 20" (500A)	250	440	685	795	355	580	870	1025	550	<input type="checkbox"/> AT301U	260	295	80	75	1/4	63D3RC
				725	840			825	935		<input type="checkbox"/> AT351U	335	375	100	90	1/4	63DBRC
				730	860			865	980		<input type="checkbox"/> AT401U	395	440	110	105	1/4	63DCRC
				780	935			870	1000		<input type="checkbox"/> AT451U	425	470	120	110	1/4	63D5RC
				790	960			920	1075		<input type="checkbox"/> AT501U	475	525	125	125	1/4	63DDRC
22	□ 22" (550A)	250	475	720	830	385	610	930	1100	580	<input type="checkbox"/> AT301U	260	295	80	75	1/4	63D3RC
				760	875			855	965		<input type="checkbox"/> AT351U	335	375	100	90	1/4	63DBRC
				765	895			895	1010		<input type="checkbox"/> AT401U	395	440	110	105	1/4	63DCRC
				815	970			900	1030		<input type="checkbox"/> AT451U	425	470	120	110	1/4	63D5RC
				825	995			950	1105		<input type="checkbox"/> AT501U	475	525	125	125	1/4	63DDRC
								960	1130		<input type="checkbox"/> AT601U	530	590	130	140	1/4	63D6RC

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

NOTE:

DRAWING No.

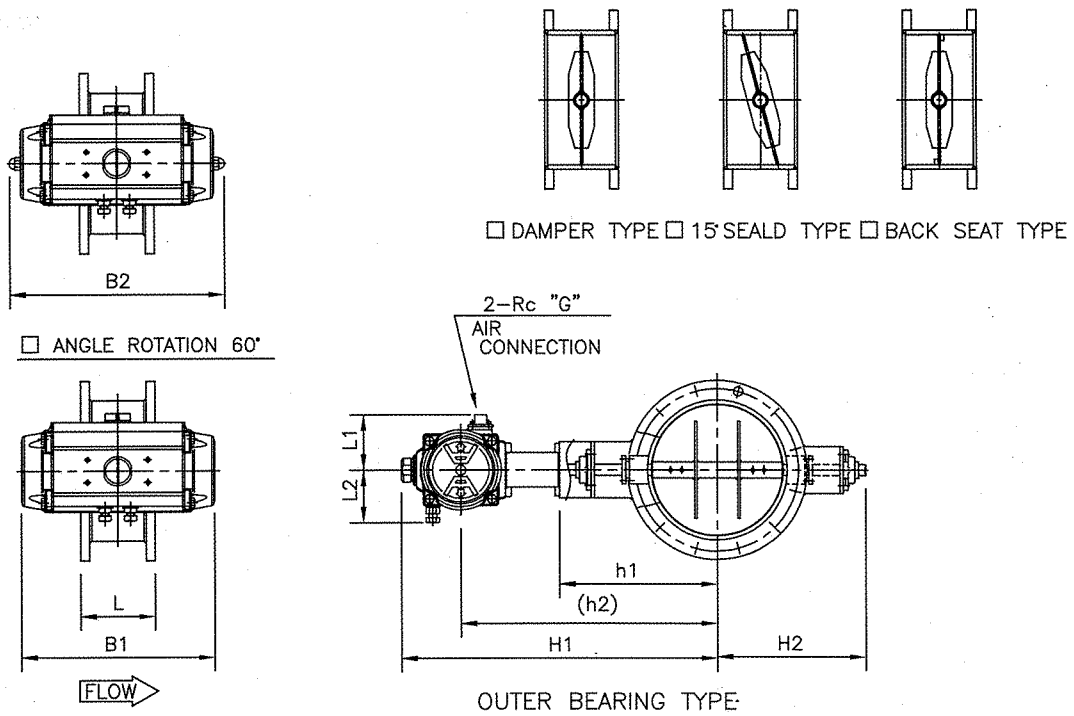
E-600S-63D0RC-0N-4

REV.

A

KOSO

BUTTERFLY VALVE 600S Double acting and Spring return cylinder



DIMENSIONS

UNIT : mm

CODE No.	BODY SIZE	BODY DIMENSIONS				ACTUATOR							
		L	h1	h2	H1	H2	Cylinder Size	B1	B2	L1	L2	G	CODE No.
24	□ 24" (600A)	250	635	880	990	605	□ AT401U	335	375	100	90	1/4	63D4RC
				920	1035		□ AT451U	395	440	110	105	1/4	63D5RC
				925	1055		□ AT501U	425	470	120	110	1/4	63D5RC
				975	1130		□ AT551U	475	525	125	125	1/4	63DDRC
				985	1155		□ AT601U	530	590	130	140	1/4	63D6RC
				1010	1210		□ AT651U	605	665	150	160	3/8	63DERC
26	□ 26" (650A)	300	660	945	1060	630	□ AT451U	395	440	110	105	1/4	63D5RC
				950	1080		□ AT501U	425	470	120	110	1/4	63D5RC
				1000	1155		□ AT551U	475	525	125	125	1/4	63DDRC
				1010	1180		□ AT601U	530	590	130	140	1/4	63D6RC
				1035	1235		□ AT651U	605	665	150	160	3/8	63DERC
28	□ 28" (700A)	300	690	980	1110	660	□ AT501U	425	470	120	110	1/4	63D5RC
				1030	1185		□ AT551U	475	525	125	125	1/4	63DDRC
				1040	1210		□ AT601U	530	590	130	140	1/4	63D6RC
				1065	1265		□ AT651U	605	665	150	160	3/8	63DERC
				1080	1295		□ AT701U	710	785	165	185	1/2	63D7RC
30	□ 30" (750A)	300	725	1015	1145	700	□ AT501U	425	470	120	110	1/4	63D5RC
				1065	1220		□ AT551U	475	525	125	125	1/4	63DDRC
				1075	1245		□ AT601U	530	590	130	140	1/4	63D6RC
				1100	1300		□ AT651U	605	665	150	160	3/8	63DERC
				1115	1330		□ AT701U	710	785	165	185	1/2	63D7RC
32	□ 32" (800A)	300	780	1070	1200	730	□ AT501U	425	470	120	110	1/4	63D5RC
				1120	1275		□ AT551U	475	525	125	125	1/4	63DDRC
				1130	1300		□ AT601U	530	590	130	140	1/4	63D6RC
				1155	1355		□ AT651U	605	665	150	160	3/8	63DERC
				1170	1385		□ AT701U	710	785	165	185	1/2	63D7RC

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

NOTE:

DRAWING No.

E-600S-63D0RC-0N-5

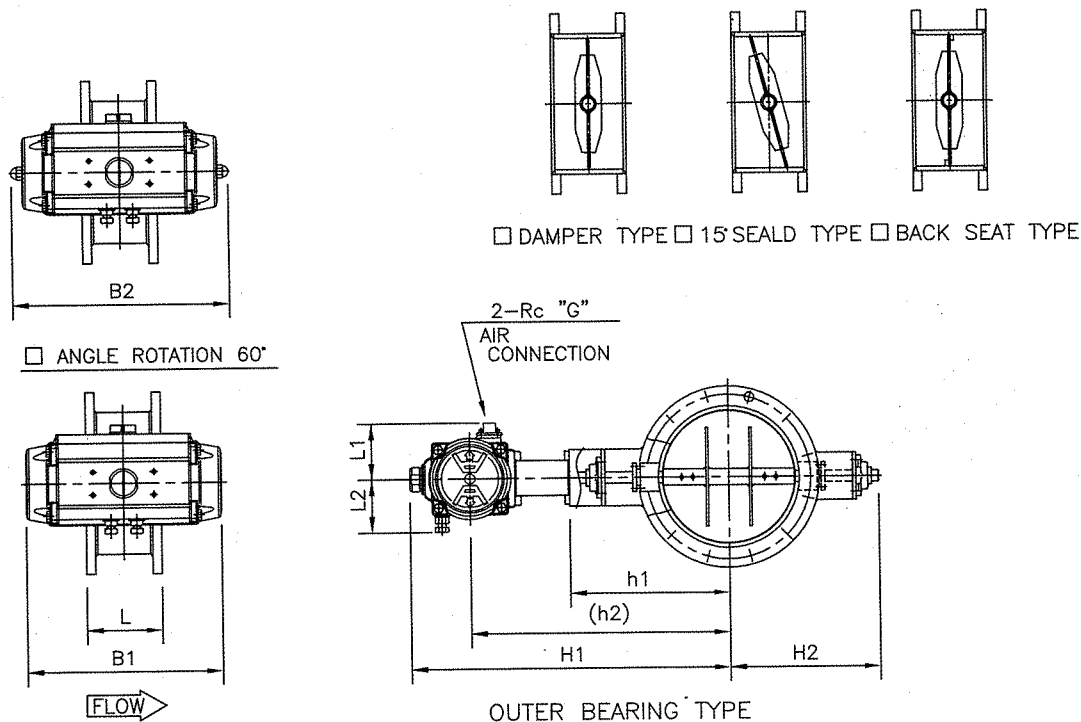
REV.

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KOSO

ED-09A

BUTTERFLY VALVE 600S Double acting and Spring return cylinder



DIMENSIONS UNIT : mm

BODY SIZE	ACTUATOR											
	Cylinder Size	B1	B2	L1	L2	G	CODE No.					
34 □ 34" (850A)	300	805	1095	1225	755	□ AT501U	425	470	120	110	1/4	63D5RC
			1145	1300		□ AT551U	475	525	125	125	1/4	63DDRC
36 □ 36" (900A)	300	830	1155	1325	780	□ AT601U	530	590	130	140	1/4	63D6RC
			1180	1380		□ AT651U	605	665	150	160	3/8	63DERC
			1195	1410		□ AT701U	710	785	165	185	1/2	63D7RC
			1120	1250		□ AT501U	425	470	120	110	1/4	63D5RC
			1170	1325		□ AT551U	475	525	125	125	1/4	63DDRC
40 □ 40" (1000A)	400	880	1180	1350	840	□ AT601U	530	590	130	140	1/4	63D6RC
			1205	1405		□ AT651U	605	665	150	160	3/8	63DERC
			1220	1435		□ AT701U	710	785	165	185	1/2	63D7RC
			1220	1375		□ AT551U	475	525	125	125	1/4	63DDRC
44 □ 44" (1100A)	400	930	1230	1400	890	□ AT601U	530	590	130	140	1/4	63D6RC
			1255	1455		□ AT651U	605	665	150	160	3/8	63DERC
			1270	1485		□ AT701U	710	785	165	185	1/2	63D7RC
			1270	1425		□ AT551U	475	525	125	125	1/4	63DDRC
48 □ 48" (1200A)	400	990	1280	1450	950	□ AT601U	530	590	130	140	1/4	63D6RC
			1305	1505		□ AT651U	605	665	150	160	3/8	63DERC
			1320	1535		□ AT701U	710	785	165	185	1/2	63D7RC
			1340	1510		□ AT601U	530	590	130	140	1/4	63D6RC
52 □ 52" (1300A)	450	1045	1365	1565	1005	□ AT651U	605	665	150	160	3/8	63DERC
			1380	1595		□ AT701U	710	785	165	185	1/2	63D7RC
			1395	1565		□ AT601U	530	590	130	140	1/4	63D6RC
			1420	1620		□ AT651U	605	665	150	160	3/8	63DERC
54 □ 54" (1350A)	450	1070	1435	1650	1030	□ AT701U	710	785	165	185	1/2	63D7RC
			1445	1645		□ AT651U	605	665	150	160	3/8	63DERC
			1460	1675		□ AT701U	710	785	165	185	1/2	63D7RC
60 □ 60" (1500A)	500	1145	1520	1720	1105	□ AT651U	605	665	150	160	3/8	63DERC
			1535	1750		□ AT701U	710	785	165	185	1/2	63D7RC

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

NOTE:

DRAWING No.

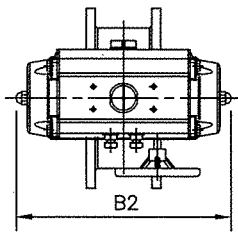
E-600S-63D0RC-0N-6

REV.

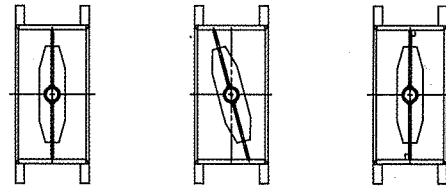
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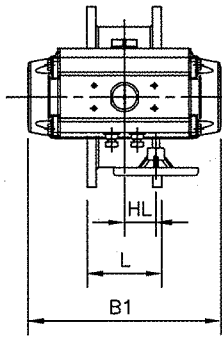
BUTTERFLY VALVE 600S Double acting and Spring return cylinder With Manual Override



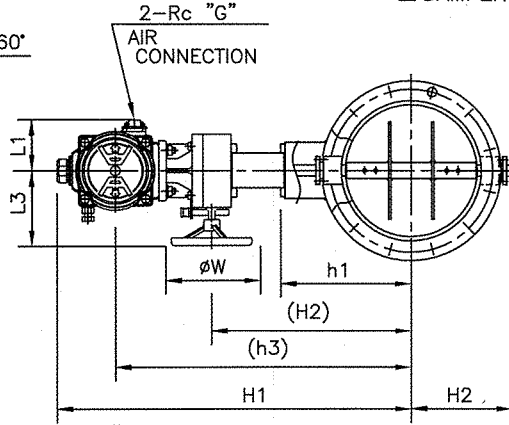
ANGLE ROTATION 60°



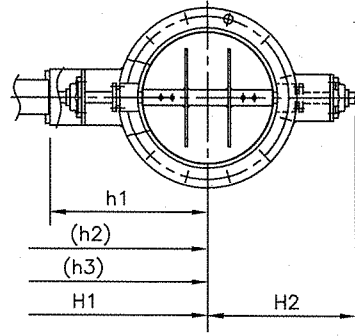
DAMPER TYPE 15° SEALD TYPE BACK SEAT TYPE



FLOW →



INNER BEARING TYPE



OUTER BEARING TYPE

Cylinder Size	<input type="checkbox"/> Double acting	<input type="checkbox"/> Spring return
	W	W
<input type="checkbox"/> AT451U	205	305
<input type="checkbox"/> AT501U	205	305

*1

DIMENSIONS

UNIT : mm

CODE No.	BODY SIZE	<input type="checkbox"/> JIS 5k FF <input type="checkbox"/> JIS 10k RF <input type="checkbox"/> ANSI Class 150 RF <input type="checkbox"/> JIS 10k FF <input type="checkbox"/> ANSI Class 150 RF		ACTUATOR																	
		L	<input type="checkbox"/> INNER BEARING TYPE					<input type="checkbox"/> OUTER BEARING TYPE					Cylinder Size	B1	B2	L1	L3	HL	W	G	CODE No.
			h1	h2	h3	H1	H2	h1	h2	h3	H1	H2									
03	<input type="checkbox"/> 3" (80A)	200	160	345	485	555	135	315	500	640	710	285	<input type="checkbox"/> AT201U	205	230	70	140	56	155	1/4	63D2RC
				345	490	565		510	645	720	<input type="checkbox"/> AT251U		245	270	75	140	56	155	1/4	63DARC	
04	<input type="checkbox"/> 4" (100A)	200	175	360	500	570	140	325	510	655	730	295	<input type="checkbox"/> AT201U	205	230	70	140	56	155	1/4	63D2RC
				360	505	580		510	655	730	<input type="checkbox"/> AT251U		245	270	75	140	56	155	1/4	63DARC	
				385	520	605		535	670	755	<input type="checkbox"/> AT301U		260	295	80	140	56	155	1/4	63D3RC	
05	<input type="checkbox"/> 5" (125A)	200	195	380	520	590	160	340	525	665	735	310	<input type="checkbox"/> AT201U	205	230	70	140	56	155	1/4	63D2RC
				380	525	600		525	665	735	<input type="checkbox"/> AT251U		245	270	75	140	56	155	1/4	63DARC	
				405	540	625		550	685	770	<input type="checkbox"/> AT301U		260	295	80	140	56	155	1/4	63D3RC	
06	<input type="checkbox"/> 6" (150A)	200	210	395	540	615	170	360	545	690	765	330	<input type="checkbox"/> AT251U	245	270	75	140	56	155	1/4	63DARC
				420	555	640		570	705	790	<input type="checkbox"/> AT301U		260	295	80	140	56	155	1/4	63D3RC	
				420	565	665		570	715	815	<input type="checkbox"/> AT351U		305	345	90	140	56	155	1/4	63DBRC	
08	<input type="checkbox"/> 8" (200A)	200	240	420	570	680	195	385	570	720	830	355	<input type="checkbox"/> AT401U	335	375	100	140	56	155	1/4	63C4RB
				425	570	645		570	715	790	<input type="checkbox"/> AT251U		245	270	75	140	56	155	1/4	63DARC	
				450	585	670		595	730	815	<input type="checkbox"/> AT301U		260	295	80	140	56	155	1/4	63D3RC	
10	<input type="checkbox"/> 10" (250A)	200	300	450	595	695	220	420	595	740	840	390	<input type="checkbox"/> AT351U	305	345	90	140	56	155	1/4	63DBRC
				450	600	710		595	745	855	<input type="checkbox"/> AT401U		335	375	100	140	56	155	1/4	63D4RC	
				485	630	705		605	750	825	<input type="checkbox"/> AT251U		245	270	75	140	56	155	1/4	63DARC	
12	<input type="checkbox"/> 12" (300A)	200	325	510	645	730	245	440	630	775	875	410	<input type="checkbox"/> AT301U	260	295	80	140	56	155	1/4	63D3RC
				510	655	755		630	775	875	<input type="checkbox"/> AT351U		305	345	90	140	56	155	1/4	63DBRC	
				510	660	770		630	780	890	<input type="checkbox"/> AT401U		335	375	100	140	56	155	1/4	63D4RC	
				530	705	820			650	825	940		<input type="checkbox"/> AT451U	395	440	110	155	69	*1	1/4	63DCRC
				510	655	730		625	770	845	<input type="checkbox"/> AT251U		245	270	75	140	56	155	1/4	63DARC	
				535	670	755		650	785	870	<input type="checkbox"/> AT301U		260	295	80	140	56	155	1/4	63D3RC	
				535	680	780			650	795	895		<input type="checkbox"/> AT351U	305	345	90	140	56	155	1/4	63DBRC
				535	685	795		650	800	910	<input type="checkbox"/> AT401U		335	375	100	140	56	155	1/4	63D4RC	
				535	730	845		670	845	960	<input type="checkbox"/> AT451U		395	440	110	155	69	*1	1/4	63DCRC	
				535	740	865			670	855	980		<input type="checkbox"/> AT501U	425	470	120	155	69	*1	1/4	63D5RC

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

NOTE:

DRAWING No.

E-600S-63D0RC-0S-3

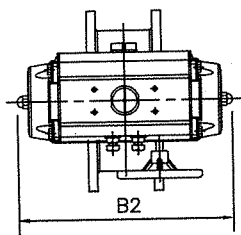
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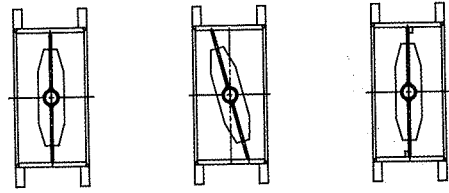
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ED-09A

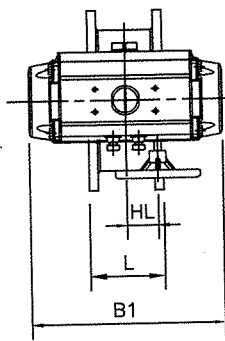
BUTTERFLY VALVE 600S Double acting and Spring return cylinder With Manual Override



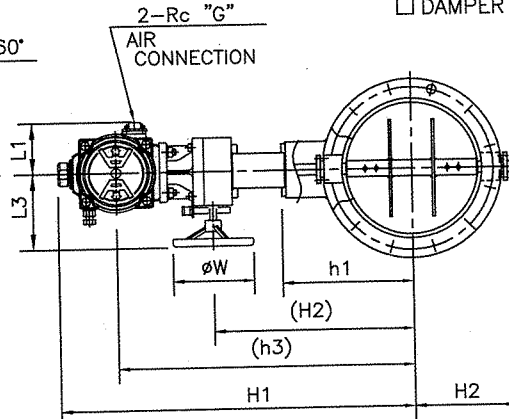
ANGLE ROTATION 60°



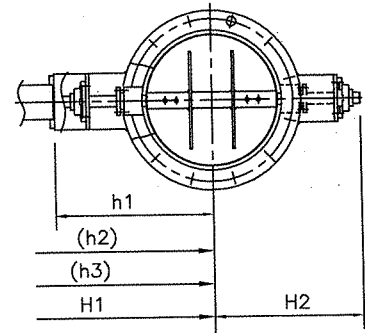
DAMPER TYPE 15° SEALD TYPE BACK SEAT TYPE



FLOW →



INNER BEARING TYPE



OUTER BEARING TYPE

*1

Cylinder Size	<input type="checkbox"/> Double acting	<input type="checkbox"/> Spring return
	W	W
<input type="checkbox"/> AT451U	205	305
<input type="checkbox"/> AT501U	205	305
<input type="checkbox"/> AT551U	305	400
<input type="checkbox"/> AT601U	305	400

*2

Cylinder Size	<input type="checkbox"/> Double acting	<input type="checkbox"/> Spring return
	L3	L3
<input type="checkbox"/> AT551U	225	235
<input type="checkbox"/> AT601U	225	235

DIMENSIONS

UNIT : mm

CODE No.	BODY SIZE	<input type="checkbox"/> JIS 5k FF <input type="checkbox"/> JIS 10k RF <input type="checkbox"/> ANSI Class 150 RF <input type="checkbox"/> JIS 10k FF <input type="checkbox"/> JPI Class 150 RF		ACTUATOR																	
		L	<input type="checkbox"/> INNER BEARING TYPE					<input type="checkbox"/> OUTER BEARING TYPE					Cylinder Size	B1	B2	L1	L3	HL	W	G	CODE No.
			h1	h2	h3	H1	H2	h1	h2	h3	H1	H2									
14	<input type="checkbox"/> 14" (350A)	200	345	535	690	775	270	465	675	810	895	440	<input type="checkbox"/> AT301U	260	295	80	140	56	155	1/4	63D3RC
				535	700	800			675	820	920		<input type="checkbox"/> AT351U	305	345	90	140	56	155	1/4	63DBRC
				575	705	815			695	825	935		<input type="checkbox"/> AT401U	335	375	100	140	56	155	1/4	63D4RC
				575	750	865			695	870	985		<input type="checkbox"/> AT451U	395	440	110	155	69	*1	1/4	63DCRC
				575	760	885			695	880	1005		<input type="checkbox"/> AT501U	425	470	120	155	69	*1	1/4	63D5RC
16	<input type="checkbox"/> 16" (400A)	200	380	590	725	810	295	505	715	850	935	480	<input type="checkbox"/> AT301U	260	295	80	140	56	155	1/4	63D3RC
				590	735	835			715	860	960		<input type="checkbox"/> AT351U	305	345	90	140	56	155	1/4	63DBRC
				610	740	850			715	865	975		<input type="checkbox"/> AT401U	335	375	100	140	56	155	1/4	63D4RC
				610	785	900			735	910	1025		<input type="checkbox"/> AT451U	395	440	110	155	69	*1	1/4	63DCRC
				610	795	920			735	920	1045		<input type="checkbox"/> AT501U	425	470	120	155	69	*1	1/4	63D5RC
18	<input type="checkbox"/> 18" (450A)	200	410	620	755	840	315	530	740	875	960	510	<input type="checkbox"/> AT301U	260	295	80	140	56	155	1/4	63D3RC
				620	765	865			740	885	985		<input type="checkbox"/> AT351U	305	345	90	140	56	155	1/4	63DBRC
				640	770	880			740	890	1000		<input type="checkbox"/> AT401U	335	375	100	140	56	155	1/4	63D4RC
				640	815	930			760	935	1050		<input type="checkbox"/> AT451U	395	440	110	155	69	*1	1/4	63DCRC
				640	825	950			760	945	1070		<input type="checkbox"/> AT501U	425	470	120	155	69	*1	1/4	63D5RC
20	<input type="checkbox"/> 20" (500A)	250	440	650	800	910	355	580	790	940	1050	550	<input type="checkbox"/> AT551U	475	525	125	*2	90	*1	1/4	63DDRC
				670	845	960			810	985	1100		<input type="checkbox"/> AT401U	335	375	100	140	56	155	1/4	63D4RC
				670	855	980			810	995	1120		<input type="checkbox"/> AT451U	395	440	110	155	69	*1	1/4	63DCRC
				720	925	1085			860	1065	1225		<input type="checkbox"/> AT501U	425	470	120	155	69	*1	1/4	63D5RC
				720	935	1110			860	1075	1250		<input type="checkbox"/> AT551U	475	525	125	*2	90	*1	1/4	63DDRC
22	<input type="checkbox"/> 22" (550A)	250	475	685	835	945	385	610	820	970	1080	580	<input type="checkbox"/> AT601U	530	590	130	*2	90	*1	1/4	63D6RC
				705	880	995			840	1015	1130		<input type="checkbox"/> AT401U	335	375	100	140	56	155	1/4	63D4RC
				705	860	1015			840	1025	1150		<input type="checkbox"/> AT451U	395	440	110	155	69	*1	1/4	63DCRC
				755	960	1120			840	1025	1150		<input type="checkbox"/> AT501U	425	470	120	155	69	*1	1/4	63D5RC
				755	970	1145			890	1095	1255		<input type="checkbox"/> AT551U	475	525	125	*2	90	*1	1/4	63DDRC
									890	1105	1280		<input type="checkbox"/> AT601U	530	590	130	*2	90	*1	1/4	63D6RC

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

NOTE:

DRAWING No.

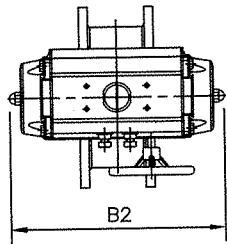
E-600S-63D0RC-0S-4

REV.

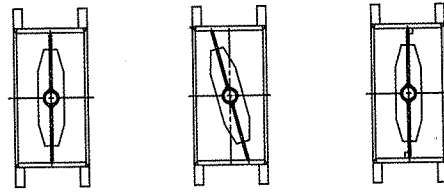
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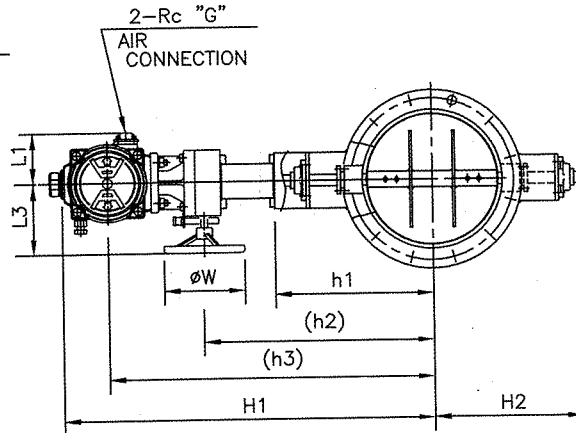
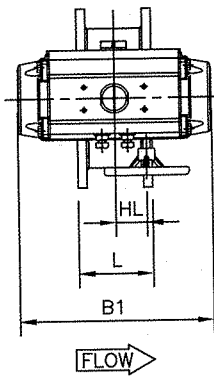
BUTTERFLY VALVE 600S Double acting and Spring return cylinder With Manual Override



ANGLE ROTATION 60°



DAMPER TYPE 15° SEAL TYPE BACK SEAT TYPE



OUTER BEARING TYPE

*1

Cylinder Size	<input type="checkbox"/> Double acting	<input type="checkbox"/> Spring return
	W	W
<input type="checkbox"/> AT451U	205	305
<input type="checkbox"/> AT501U	205	305
<input type="checkbox"/> AT551U	305	400
<input type="checkbox"/> AT601U	305	400
<input type="checkbox"/> AT651U	400	630
<input type="checkbox"/> AT701U	400	630

*2

Cylinder Size	<input type="checkbox"/> Double acting	<input type="checkbox"/> Spring return
	L3	L3
<input type="checkbox"/> AT551U	225	235
<input type="checkbox"/> AT601U	225	235

DIMENSIONS

UNIT : mm

CODE No.	BODY SIZE	ACTUATOR						ACTUATOR								
		<input type="checkbox"/> JIS 5k FF <input type="checkbox"/> ANSI Class 150 RF <input type="checkbox"/> JIS 10k FF <input type="checkbox"/> JPI Class 150 RF <input type="checkbox"/> JIS 10k RF						Cylinder Size	B1	B2	L1	L3	HL	W	G	CODE No.
		L	h1	h2	h3	H1	H2									
24	<input type="checkbox"/> 24" (600A)	250	635	845	995	1105	605	<input type="checkbox"/> AT401U	335	375	100	140	56	155	1/4	63D4RC
				865	1040	1155		<input type="checkbox"/> AT451U	395	440	110	155	69	*1	1/4	63DCRC
				865	1050	1175		<input type="checkbox"/> AT501U	425	470	120	155	69	*1	1/4	63D5RC
				915	1120	1280		<input type="checkbox"/> AT551U	475	525	125	*2	90	*1	1/4	63DDRC
				915	1130	1305		<input type="checkbox"/> AT601U	530	590	130	*2	90	*1	1/4	63D6RC
				955	1210	1410		<input type="checkbox"/> AT651U	605	665	150	355	106	*1	3/8	63DERC
26	<input type="checkbox"/> 26" (650A)	300	660	890	1065	1180	630	<input type="checkbox"/> AT451U	395	440	110	155	69	*1	1/4	63DCRC
				890	1075	1200		<input type="checkbox"/> AT501U	425	470	120	155	69	*1	1/4	63D5RC
				940	1145	1305		<input type="checkbox"/> AT551U	475	525	125	*2	90	*1	1/4	63DDRC
				940	1155	1330		<input type="checkbox"/> AT601U	530	590	130	*2	90	*1	1/4	63D6RC
				980	1235	1435		<input type="checkbox"/> AT651U	605	665	150	355	106	*1	3/8	63DERC
				920	1105	1230		<input type="checkbox"/> AT501U	425	470	120	155	69	*1	1/4	63D5RC
28	<input type="checkbox"/> 28" (700A)	300	690	970	1175	1335	660	<input type="checkbox"/> AT551U	475	525	125	*2	90	*1	1/4	63DDRC
				970	1185	1360		<input type="checkbox"/> AT601U	530	590	130	*2	90	*1	1/4	63D6RC
				1010	1265	1465		<input type="checkbox"/> AT651U	605	665	150	355	106	*1	3/8	63DERC
				1010	1280	1495		<input type="checkbox"/> AT701U	710	785	165	355	106	*1	1/2	63D7RC
				955	1140	1265		<input type="checkbox"/> AT501U	425	470	120	155	69	*1	1/4	63D5RC
				1005	1210	1370		<input type="checkbox"/> AT551U	475	525	125	*2	90	*1	1/4	63DDRC
30	<input type="checkbox"/> 30" (750A)	300	725	1005	1220	1395	700	<input type="checkbox"/> AT601U	530	590	130	*2	90	*1	1/4	63D6RC
				1045	1300	1500		<input type="checkbox"/> AT651U	605	665	150	355	106	*1	3/8	63DERC
				1045	1315	1530		<input type="checkbox"/> AT701U	710	785	165	355	106	*1	1/2	63D7RC
				1010	1195	1320		<input type="checkbox"/> AT501U	425	470	120	155	69	*1	1/4	63D5RC
				1060	1265	1425		<input type="checkbox"/> AT551U	475	525	125	*2	90	*1	1/4	63DDRC
				1060	1275	1450		<input type="checkbox"/> AT601U	530	590	130	*2	90	*1	1/4	63D6RC
32	<input type="checkbox"/> 32" (800A)	300	780	1100	1355	1555	730	<input type="checkbox"/> AT651U	605	665	150	355	106	*1	3/8	63DERC
				1100	1370	1585		<input type="checkbox"/> AT701U	710	785	165	355	106	*1	1/2	63D7RC

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

NOTE:

DRAWING No.

E-600S-63D0RC-0S-5

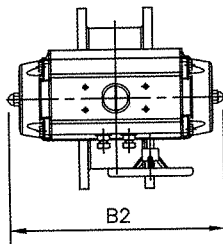
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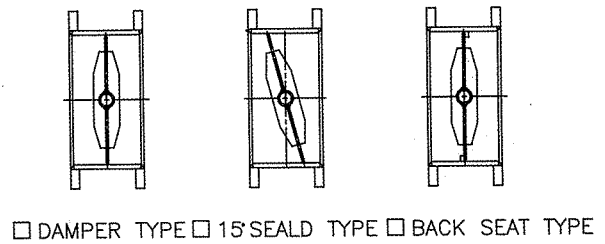
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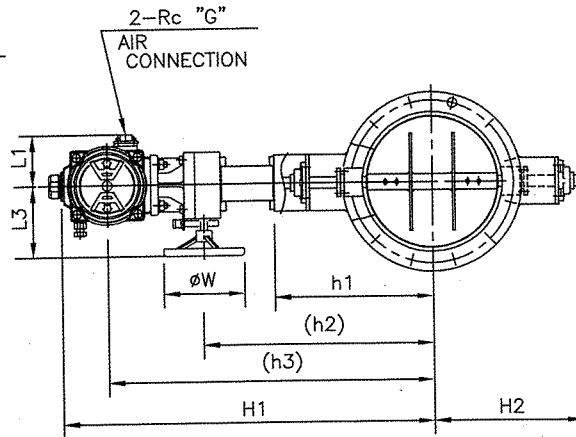
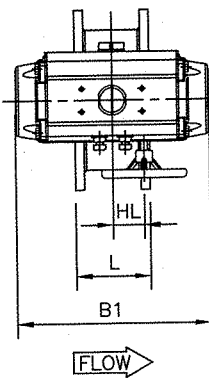
BUTTERFLY VALVE 600S Double acting and Spring return cylinder With Manual Override



ANGLE ROTATION 60°



DAMPER TYPE 15° SEALD TYPE BACK SEAT TYPE



OUTER BEARING TYPE

*1

Cylinder Size	<input type="checkbox"/> Double acting	<input type="checkbox"/> Spring return
	W	W
<input type="checkbox"/> AT501U	205	305
<input type="checkbox"/> AT551U	305	400
<input type="checkbox"/> AT601U	305	400
<input type="checkbox"/> AT651U	400	630
<input type="checkbox"/> AT701U	400	630

*2

Cylinder Size	<input type="checkbox"/> Double acting	<input type="checkbox"/> Spring return
	L3	L3
<input type="checkbox"/> AT551U	225	235
<input type="checkbox"/> AT601U	225	235

DIMENSIONS

UNIT : mm

BODY SIZE	JIS 5k FF		ANSI Class 150 RF		JIS 10k FF		JPI Class 150 RF		ACTUATOR							
	L	h1	h2	h3	H1	H2	Cylinder Size	B1	B2	L1	L3	HL	W	G	CODE No.	
34 □ 34" (850A)	300	805	1035	1220	1345	755	<input type="checkbox"/> AT501U	425	470	120	155	69	*1	1/4	63D5RC	
			1085	1290	1450		<input type="checkbox"/> AT551U	475	525	125	*2	90	*1	1/4	63DDRC	
			1085	1300	1475		<input type="checkbox"/> AT601U	530	590	130	*2	90	*1	1/4	63D6RC	
			1125	1380	1580		<input type="checkbox"/> AT651U	605	665	150	355	106	*1	3/8	63DERC	
			1125	1395	1610		<input type="checkbox"/> AT701U	710	785	165	355	106	*1	1/2	63D7RC	
36 □ 36" (900A)	300	830	1060	1245	1370	780	<input type="checkbox"/> AT501U	425	470	120	155	69	*1	1/4	63D5RC	
			1110	1315	1475		<input type="checkbox"/> AT551U	475	525	125	*2	90	*1	1/4	63DDRC	
			1110	1325	1500		<input type="checkbox"/> AT601U	530	590	130	*2	90	*1	1/4	63D6RC	
			1150	1405	1605		<input type="checkbox"/> AT651U	605	665	150	355	106	*1	3/8	63DERC	
			1150	1420	1635		<input type="checkbox"/> AT701U	710	785	165	355	106	*1	1/2	63D7RC	
40 □ 40" (1000A)	400	880	1160	1365	1525	840	<input type="checkbox"/> AT551U	475	525	125	*2	90	*1	1/4	63DDRC	
			1160	1375	1550		<input type="checkbox"/> AT601U	530	590	130	*2	90	*1	1/4	63D6RC	
			1200	1455	1655		<input type="checkbox"/> AT651U	605	665	150	355	106	*1	3/8	63DERC	
			1200	1470	1685		<input type="checkbox"/> AT701U	710	785	165	355	106	*1	1/2	63D7RC	
			1210	1415	1575		<input type="checkbox"/> AT551U	475	525	125	*2	90	*1	1/4	63DDRC	
44 □ 44" (1100A)	400	930	1210	1425	1600	890	<input type="checkbox"/> AT601U	530	590	130	*2	90	*1	1/4	63D6RC	
			1250	1505	1705		<input type="checkbox"/> AT651U	605	665	150	355	106	*1	3/8	63DERC	
			1250	1520	1735		<input type="checkbox"/> AT701U	710	785	165	355	106	*1	1/2	63D7RC	
			1270	1485	1660		<input type="checkbox"/> AT601U	530	590	130	*2	90	*1	1/4	63D6RC	
			1310	1565	1765		<input type="checkbox"/> AT651U	605	665	150	355	106	*1	3/8	63DERC	
48 □ 48" (1200A)	400	990	1310	1580	1795	950	<input type="checkbox"/> AT701U	710	785	165	355	106	*1	1/2	63D7RC	
			1325	1540	1715		<input type="checkbox"/> AT601U	530	590	130	*2	90	*1	1/4	63D6RC	
			1365	1620	1820		<input type="checkbox"/> AT651U	605	665	150	355	106	*1	3/8	63DERC	
			1365	1635	1850		<input type="checkbox"/> AT701U	710	785	165	355	106	*1	1/2	63D7RC	
			1390	1645	1845		<input type="checkbox"/> AT651U	605	665	150	355	106	*1	3/8	63DERC	
52 □ 52" (1300A)	450	1045	1390	1660	1875	1030	<input type="checkbox"/> AT701U	710	785	165	355	106	*1	1/2	63D7RC	
			1465	1720	1845		<input type="checkbox"/> AT651U	605	665	150	355	106	*1	3/8	63DERC	
			1465	1735	1950		<input type="checkbox"/> AT701U	710	785	165	355	106	*1	1/2	63D7RC	
			1390	1645	1845		<input type="checkbox"/> AT651U	605	665	150	355	106	*1	3/8	63DERC	
			1390	1660	1875		<input type="checkbox"/> AT701U	710	785	165	355	106	*1	1/2	63D7RC	
60 □ 60" (1500A)	500	1145	1465	1720	1845	1105	<input type="checkbox"/> AT651U	605	665	150	355	106	*1	3/8	63DERC	
			1465	1735	1950		<input type="checkbox"/> AT701U	710	785	165	355	106	*1	1/2	63D7RC	

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

NOTE:

DRAWING No.

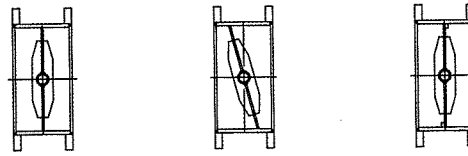
E-600S-63D0RC-0S-6

REV.

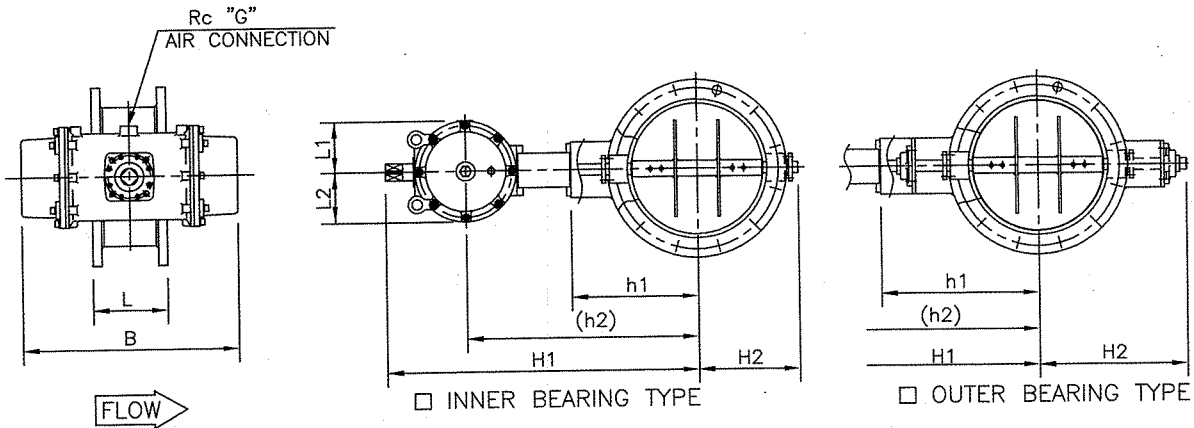
A

KOSO

BUTTERFLY VALVE 600S Spring return cylinder



DAMPER TYPE 15° SEALD TYPE BACK SEAT TYPE



DIMENSIONS

UNIT : mm

BODY SIZE CODE No.	<input type="checkbox"/> JIS 5K FF <input type="checkbox"/> JIS 10K RF <input type="checkbox"/> ANSI Class 150 RF <input type="checkbox"/> JIS 10K FF <input type="checkbox"/> JPI Class 150 RF										ACTUATOR				
	L	<input type="checkbox"/> INNER BEARING TYPE				<input type="checkbox"/> OUTER BEARING TYPE				Cylinder Size	B	L1	L2	G	CODE No.
		h1	h2	H1	H2	h1	h2	H1	H2						
14 □ 14" (350A)	200	345	620	800	270	465	740	920	440	<input type="checkbox"/> ø170	500	120	110	3/8	7317RB
16 □ 16" (400A)	200	380	655	835	295	505	780	960	480	<input type="checkbox"/> ø170	500	120	110	3/8	7317RB
18 □ 18" (450A)	200	410	685	865	315	530	805	985	510	<input type="checkbox"/> ø170	500	120	110	3/8	7317RB
20 □ 20" (500A)	250	440	715	895	355	580	855	1035	550	<input type="checkbox"/> ø170	500	120	110	3/8	7317RB
			805	1035			945	1175		<input type="checkbox"/> ø235	635	160	150	1/2	7323RB
22 □ 22" (550A)	250	475	750	930	385	610	885	1065	580	<input type="checkbox"/> ø170	500	120	110	3/8	7317RB
			840	1070			975	1205		<input type="checkbox"/> ø235	635	160	150	1/2	7323RB
24 □ 24" (600A)	250	—	—	—	—	635	910	1090	605	<input type="checkbox"/> ø170	500	120	110	3/8	7317RB
							1000	1230		<input type="checkbox"/> ø235	635	160	150	1/2	7323RB
26 □ 26" (650A)	300	—	—	—	—	660	935	1115	630	<input type="checkbox"/> ø170	500	120	110	3/8	7317RB
							1025	1255		<input type="checkbox"/> ø235	635	160	150	1/2	7323RB
28 □ 28" (700A)	300	—	—	—	—	690	965	1145	660	<input type="checkbox"/> ø170	500	120	110	3/8	7317RB
							1055	1285		<input type="checkbox"/> ø235	635	160	150	1/2	7323RB
30 □ 30" (750A)	300	—	—	—	—	725	1090	1320	700	<input type="checkbox"/> ø235	635	160	150	1/2	7323RB
							1135	1420		<input type="checkbox"/> ø280	810	185	185	1/2	7328RB
32 □ 32" (800A)	300	—	—	—	—	780	1145	1375	730	<input type="checkbox"/> ø235	635	160	150	1/2	7323RB
							1190	1475		<input type="checkbox"/> ø280	810	185	185	1/2	7328RB
34 □ 34" (850A)	300	—	—	—	—	805	1170	1400	755	<input type="checkbox"/> ø235	635	160	150	1/2	7323RB
							1215	1500		<input type="checkbox"/> ø280	810	185	185	1/2	7328RB
36 □ 36" (900A)	300	—	—	—	—	830	1195	1425	780	<input type="checkbox"/> ø235	635	160	150	1/2	7323RB
							1240	1525		<input type="checkbox"/> ø280	810	185	185	1/2	7328RB
40 □ 40" (1000A)	400	—	—	—	—	880	1245	1475	840	<input type="checkbox"/> ø235	635	160	150	1/2	7323RB
							1290	1575		<input type="checkbox"/> ø280	810	185	185	1/2	7328RB
44 □ 44" (1100A)	400	—	—	—	—	930	1340	1625	890	<input type="checkbox"/> ø280	810	185	185	1/2	7328RB
48 □ 48" (1200A)	400	—	—	—	—	990	1400	1685	950	<input type="checkbox"/> ø280	810	185	185	1/2	7328RB

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

NOTE:

DRAWING No.

E-600S-7300RB-SN

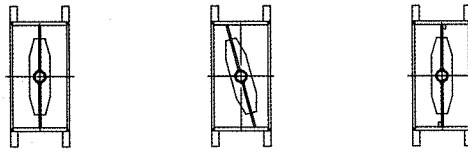
REV.

C

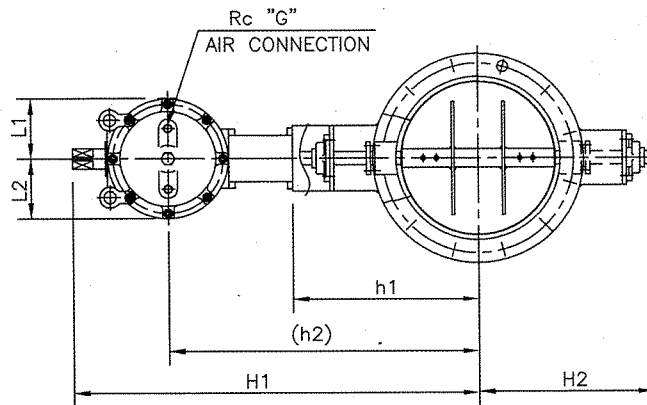
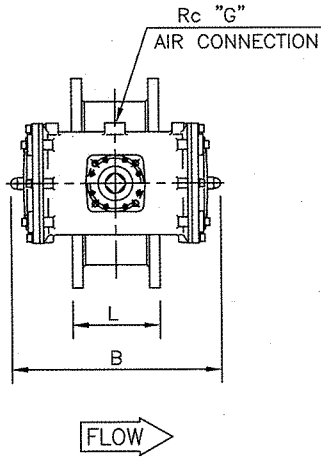
KOSO

ED-09A

BUTTERFLY VALVE 600S Double acting cylinder



DAMPER TYPE 15° SEALD TYPE BACK SEAT TYPE



OUTER BEARING TYPE

DIMENSIONS

UNIT : mm

CODE No.	BODY SIZE	OUTER BEARING TYPE				ACTUATOR						
		L	h1	h2	H1	H2	Cylinder Size	B	L1	L2	G	CODE No.
24	□ 24" (600A)	250	635	910	1090	605	□ ø170	400	120	110	3/4	7317RB
26	□ 26" (650A)	300	660	935	1115	630	□ ø170	400	120	110	3/4	7317RB
				1025	1255		□ ø235	515	160	150	1/2	7323RB
28	□ 28" (700A)	300	690	965	1145	660	□ ø170	400	120	110	3/4	7317RB
				1055	1285		□ ø235	515	160	150	1/2	7323RB
30	□ 30" (750A)	300	725	1000	1180	700	□ ø170	400	120	110	3/4	7317RB
				1090	1320		□ ø235	515	160	150	1/2	7323RB
32	□ 32" (800A)	300	780	1055	1235	730	□ ø170	400	120	110	3/4	7317RB
				1145	1375		□ ø235	515	160	150	1/2	7323RB
34	□ 34" (850A)	300	805	1080	1260	755	□ ø170	400	120	110	3/4	7317RB
				1170	1400		□ ø235	515	160	150	1/2	7323RB
36	□ 36" (900A)	300	830	1105	1285	780	□ ø170	400	120	110	3/4	7317RB
				1195	1425		□ ø235	515	160	150	1/2	7323RB
40	□ 40" (1000A)	400	880	1155	1335	840	□ ø170	400	120	110	3/4	7317RB
				1245	1475		□ ø235	515	160	150	1/2	7323RB
44	□ 44" (1100A)	400	930	1295	1525	890	□ ø235	515	160	150	1/2	7323RB
48	□ 48" (1200A)	400	990	1355	1585	950	□ ø235	515	160	150	1/2	7323RB
52	□ 52" (1300A)	450	1045	1410	1640	1005	□ ø235	515	160	150	1/2	7323RB
54	□ 54" (1350A)	450	1070	1435	1665	1030	□ ø235	515	160	150	1/2	7323RB
60	□ 60" (1500A)	500	1145	1510	1740	1105	□ ø235	515	160	150	1/2	7323RB

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

NOTE:

DRAWING No.

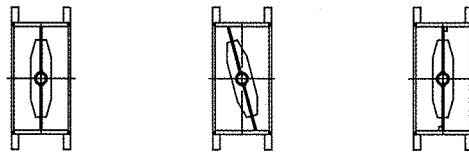
E-600S-7300RB-WN

REV.

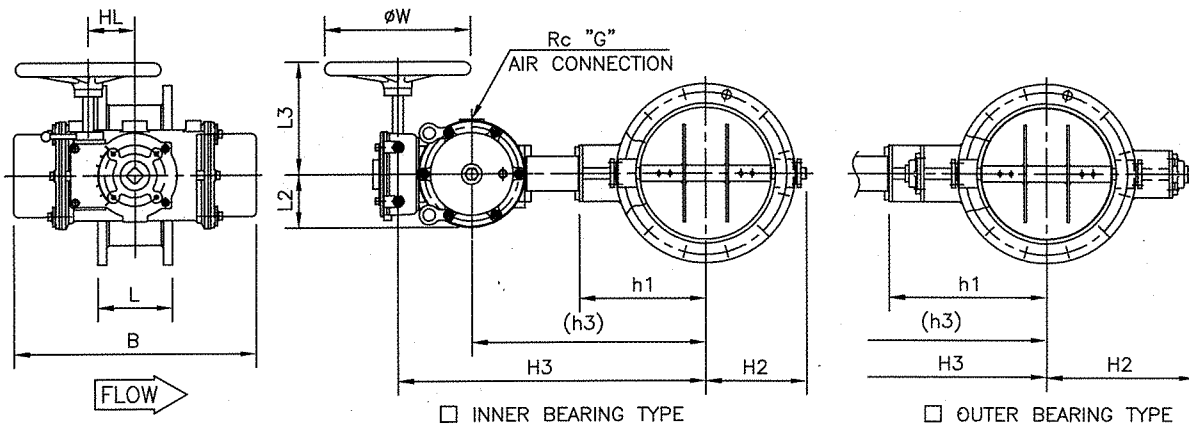
C

KOSO

BUTTERFLY VALVE 600S Spring return cylinder With Manual Override



DAMPER TYPE 15° SEAL TYPE BACK SEAT TYPE



DIMENSIONS

UNIT : mm

CODE No.	BODY SIZE	ACTUATOR								Cylindar Size	B	L2	L3	HL	G	W	CODE No.	
		□ JIS 5k FF □ JIS 10k RF □ ANSI Class 150 RF				□ JIS 10k FF □ JPI Class 150 RF												
		□ INNER BEARING TYPE				□ OUTER BEARING TYPE												
L	h1	h3	H3	H2	h1	h3	H3	H2										
14	□ 14" (350A)	200	345	620	775	270	465	740	895	440	□ ø170	500	110	235	93	3/8	300	7317RB
16	□ 16" (400A)	200	380	655	810	295	505	780	935	480	□ ø170	500	110	235	93	3/8	300	7317RB
18	□ 18" (450A)	200	410	685	840	315	530	805	960	510	□ ø170	500	110	235	93	3/8	300	7317RB
20	□ 20" (500A)	250	440	715	870	355	580	855	1010	550	□ ø170	500	110	235	93	3/8	300	7317RB
				805	1005			945	1145		□ ø235							
22	□ 22" (550A)	250	475	750	905	385	610	885	1040	580	□ ø170	500	110	235	93	3/8	300	7317RB
				840	1040			975	1175		□ ø235							
24	□ 24" (600A)	250	—	—	—	—	635	910	1065	605	□ ø170	500	110	235	93	3/8	300	7317RB
								1000	1200		□ ø235							
26	□ 26" (650A)	300	—	—	—	—	660	935	1090	630	□ ø170	500	110	235	93	3/8	300	7317RB
								1025	1225		□ ø235							
28	□ 28" (700A)	300	—	—	—	—	690	965	1120	660	□ ø170	500	110	235	93	3/8	300	7317RB
								1055	1255		□ ø235							
30	□ 30" (750A)	300	—	—	—	—	725	1090	1290	700	□ ø235	635	148	315	108	1/2	400	7323RB
								1135	1380		□ ø280							
32	□ 32" (800A)	300	—	—	—	—	780	1145	1345	730	□ ø235	635	148	315	108	1/2	400	7323RB
								1190	1435		□ ø280							
34	□ 34" (850A)	300	—	—	—	—	805	1170	1370	755	□ ø235	635	149	315	108	1/2	400	7323RB
								1215	1460		□ ø280							
36	□ 36" (900A)	300	—	—	—	—	830	1195	1395	780	□ ø235	635	148	315	108	1/2	400	7323RB
								1240	1485		□ ø280							
40	□ 40" (1000A)	400	—	—	—	—	880	1245	1445	840	□ ø235	635	148	315	108	1/2	400	7323RB
								1290	1535		□ ø280							
44	□ 44" (1100A)	400	—	—	—	—	930	1340	1585	890	□ ø280	810	184	380	165	1/2	630	7328RB
48	□ 48" (1200A)	400	—	—	—	—	990	1400	1645	950	□ ø280	810	184	380	165	1/2	630	7328RB

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

NOTE:

DRAWING No.

E-600S-7300RB-SH

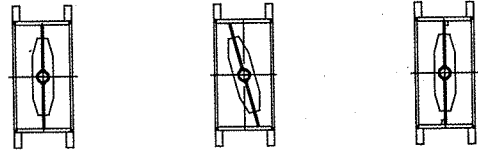
REV.

C

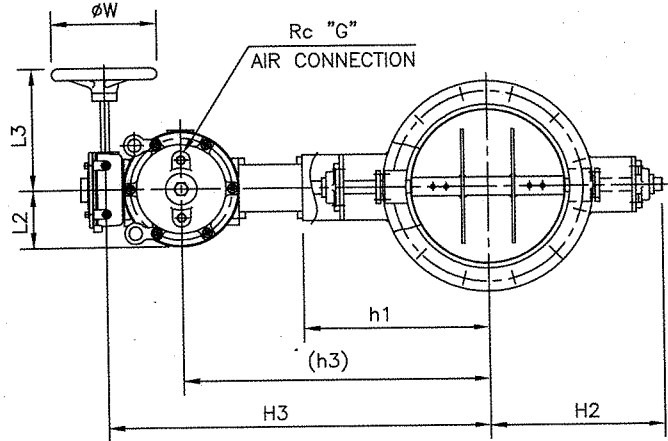
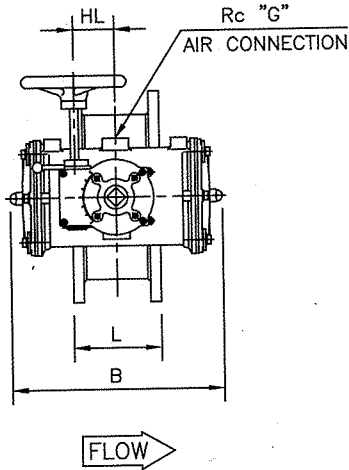
KOSO

ED-09A

BUTTERFLY VALVE 600S Double acting cylinder With Manual Override



DAMPER TYPE 15° SEALD TYPE BACK SEAT TYPE



OUTER BEARING TYPE

DIMENSIONS

UNIT : mm

CODE No.	BODY SIZE	ACTUATOR					Cylinder Size	B	L2	L3	HL	G	øW	CODE No.
		OUTER BEARING TYPE												
		L	h1	h3	H3	H2								
24	□ 24" (600A)	250	635	910	1055	605	□ ø170	400	110	235	75	3/8	200	7317RB
26	□ 26" (650A)	300	660	935	1080	630	□ ø170	400	110	235	75	3/8	200	7317RB
				1025	1220		□ ø235	515	148	270	93	1/2	300	7323RB
28	□ 28" (700A)	300	690	965	1110	660	□ ø170	400	110	235	75	3/8	200	7317RB
				1055	1250		□ ø235	515	148	270	93	1/2	300	7323RB
30	□ 30" (750A)	300	725	1000	1145	700	□ ø170	400	110	235	75	3/8	200	7317RB
				1090	1285		□ ø235	515	148	270	93	1/2	300	7323RB
32	□ 32" (800A)	300	780	1055	1200	730	□ ø170	400	110	235	75	3/8	200	7317RB
				1145	1340		□ ø235	515	148	270	93	1/2	300	7323RB
34	□ 34" (850A)	300	805	1080	1225	755	□ ø170	400	110	235	75	3/8	200	7317RB
				1170	1365		□ ø235	515	148	270	93	1/2	300	7323RB
36	□ 36" (900A)	300	830	1105	1250	780	□ ø170	400	110	235	75	3/8	200	7317RB
				1195	1390		□ ø235	515	148	270	93	1/2	300	7323RB
40	□ 40" (1000A)	400	880	1155	1300	840	□ ø170	400	110	235	75	3/8	200	7317RB
				1245	1440		□ ø235	515	148	270	93	1/2	300	7323RB
44	□ 44" (1100A)	400	930	1295	1490	890	□ ø235	515	148	270	93	1/2	300	7323RB
48	□ 48" (1200A)	400	990	1355	1550	950	□ ø235	515	148	270	93	1/2	300	7323RB
52	□ 52" (1300A)	450	1045	1410	1605	1005	□ ø235	515	148	270	93	1/2	300	7323RB
54	□ 54" (1350A)	450	1070	1435	1630	1030	□ ø235	515	148	270	93	1/2	300	7323RB
60	□ 60" (1500A)	500	1145	1510	1705	1105	□ ø235	515	148	270	93	1/2	300	7323RB

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

NOTE:

DRAWING No.

E-600S-7300RB-WH

REV.

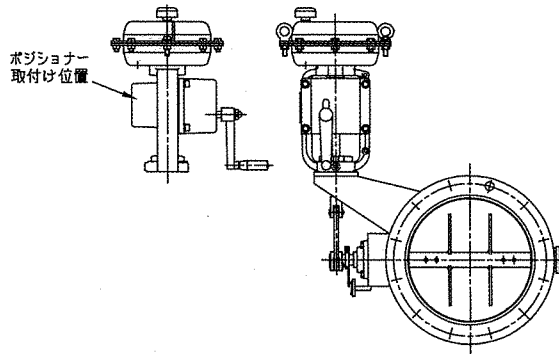
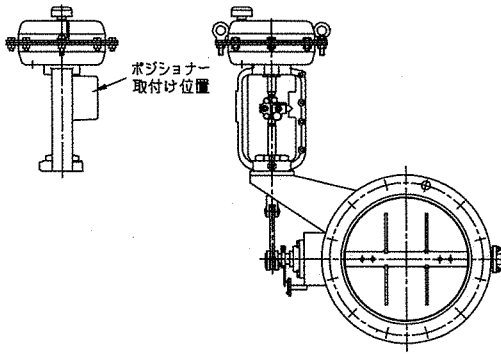
C

KOSO

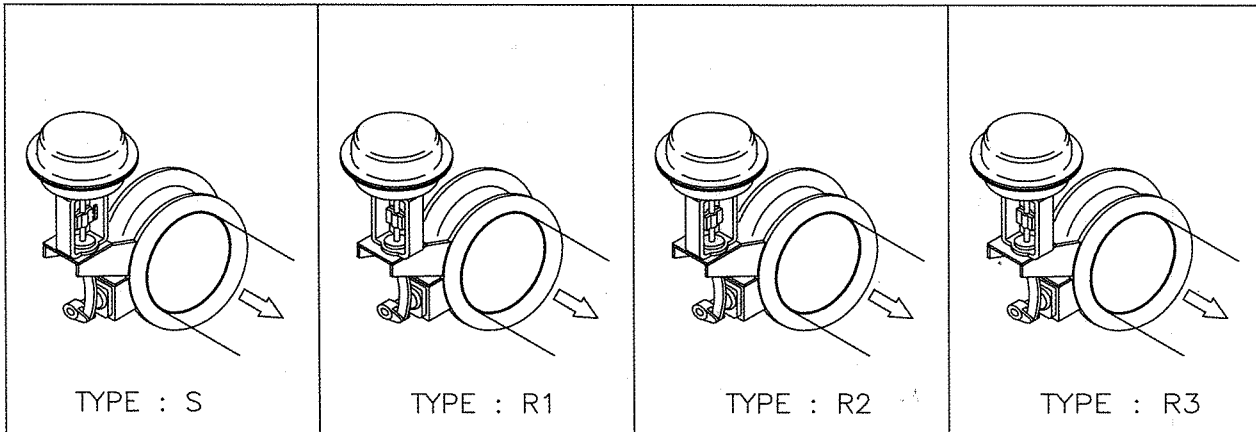
5200TA/600S 配管取付姿勢図 MOUNTING FORM

ハンドル無し
Without manual Override

ハンドル付き
With Manual Override



TYPE : S (標準)
(Standard)



備考
Remarks

シャフトが水平になるように配管に取付けて下さい。
Please mount the valve so that shaft will be horizontal.

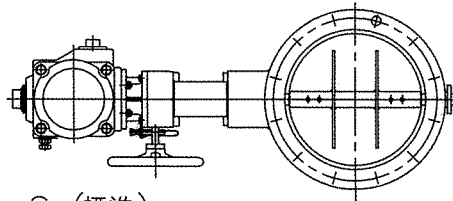
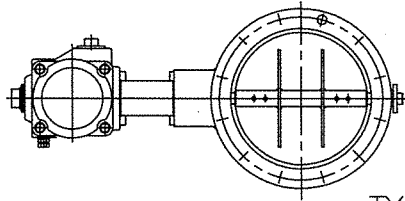
⇒ の矢印は流れ方向を示します。
⇒ Indicates the flow direction.

REV.	KOSO
B	

63D0RC/600S 配管取付姿勢図 複動形・単動形 MOUNTING FORM Double acting and Spring return type

ハンドル無し
Without Manual Override

ハンドル付き
With Manual Override



TYPE : A-S (標準)
(Standard)

ハンドル付きのTYPE : R1およびR3
グループ(※印)は取付けは出来ません。

Type R1, A-R1, B-R1, C-R1, D-R1 and
type R3, A-R3, B-R3, C-R3, D-R3 are not
applicable for the Actuator with Hand wheel.

	※ 		※
TYPE: A-S(標準)	TYPE: A-R1	TYPE: A-R2	TYPE: A-R3
	※ 		※
TYPE: B-S	TYPE: B-R1	TYPE: B-R2	TYPE: B-R3
	※ 		※
TYPE: C-S	TYPE: C-R1	TYPE: C-R2	TYPE: C-R3
	※ 		※
TYPE: D-S	TYPE: D-R1	TYPE: D-R2	TYPE: D-R3

備考
• Remarks

シャフトが水平になるように配管に取り付けて下さい。
Please mount the valve so that shaft will be horizontal.

⇒ の矢印は流れ方向を示します。
⇒ Indicates the flow direction.

REV.	KOSO
A	

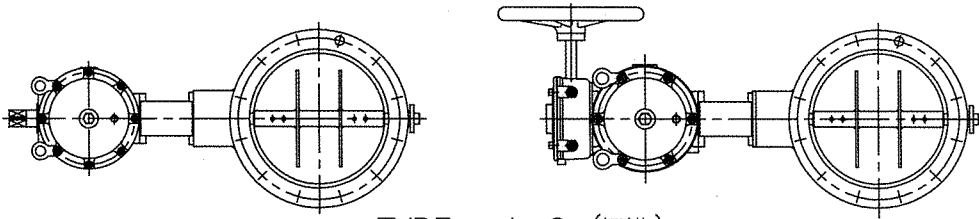
7300RB/600S 配管取付姿勢図

複動形・単動形

MOUNTING FORM Double acting and Spring return type

ハンドル無し
Without Manual Override

ハンドル付き
With manual Override



TYPE : A-S (標準)
(Standard)

TYPE: A-S (標準)	TYPE: A-R1	TYPE: A-R2	TYPE: A-R3
TYPE : B-S	TYPE : B-R1	TYPE : B-R2	TYPE : B-R3
TYPE: C-S	TYPE: C-R1	TYPE: C-R2	TYPE: C-R3
TYPE: D-S	TYPE: D-R1	TYPE: D-R2	TYPE: D-R3

備考
Remarks

シャフトが水平になるように配管に取付けて下さい。

Please mount the valve so that shaft will be horizontal.

⇨ の矢印は流れ方向を示します。

⇨ Indicates the flow direction.

REV.

B

KOSO

KOSO 日本工装株式会社

NIHON KOSO CO., LTD.

本社 〒103-0027 東京都中央区日本橋1-16-7(工装日本橋ビル)
 TEL. 03(5202)4300(代表) FAX. 03(5202)4301
 Head Office 1-16-7, Nihombashi, Chuo-ku, Tokyo, 103-0027, Japan
 TEL. 81-3-5202-4300 FAX. 81-3-5202-4301

本 社 〒103-0027 東京都中央区日本橋1-16-7(工装日本橋ビル)
 営業本部 TEL. 03(5202)4300(代表) FAX. 03(5202)4301
 本 社 〒103-0027 東京都中央区日本橋1-16-7(工装日本橋ビル)
 海外営業部 TEL. 03(5202)4100(代表) FAX. 03(5202)1511
 大阪営業所 〒564-0062 大阪府吹田市垂水町3-31-29
 CSC大阪 TEL. 06(6378)7117(代表) FAX. 06(6378)7050
 CSC北海道 〒053-0047 北海道苫小牧市泉町1-1-6
 TEL. 0144(31)4400(代表) FAX. 0144(31)4401
 CSC仙台 〒989-2322 宮城県亶理郡亶理町逢隈蔵字卯49-1
 TEL. 0223(33)1891(代表) FAX. 0223(33)1892
 CSC福島 〒962-0312 福島県須賀川市大久保字川虫内129
 TEL. 0248(65)3128(代表) FAX. 0248(65)3224
 CSC新潟 〒950-0813 新潟県新潟市大形本町5-12-36
 TEL. 025(275)8461(代表) FAX. 025(275)8462
 CSC鹿島 〒314-0116 茨城県神栖市奥野谷4193-1
 TEL. 0299(96)6891(代表) FAX. 0299(96)6892
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 TEL. 048(421)5111(代表) FAX. 048(421)5115
 CSC富士 〒421-3306 静岡県富士市中之郷1450
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 CSC名古屋 〒486-0935 愛知県春日井市森山田町62
 TEL. 0568(34)1421(代表) FAX. 0568(34)1431
 CSC広島 〒731-5127 広島県広島市佐伯区五日市1-8-25
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 CSC九州 〒802-0802 福岡県北九州市小倉南区城野4-5-55
 TEL. 093(922)3431(代表) FAX. 093(951)1435
 CSC大分 〒870-0912 大分県大分市西新地1-8-17
 TEL. 097(551)4816(代表) FAX. 097(551)4827

WORLD-WIDE NETWORK(Sales, Manufacturing, Services)

Nihon Koso Co., Ltd., Tokyo Japan	Tel. (81)3-5202-4300	Fax. (81)3-5202-4301
Paris Office	Tel. (33)1-73-75-23-1	Fax. (83)1-73-75-23-1
Moscow Office	Tel. (7)495-775-8531	Fax. (7)495-787-2785
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Koso Controls Asia Pte. Ltd., Singapore	Tel. (65)67472722	Fax. (65)67467677
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