

STK2000/7400 Series

Flapper-type Flowmeter

OUTLINE

The **STK2000** and **STK7400** are high-accuracy, high-performance, flapper-type flowmeters. The **STK2000** is a local indication type, and the **STK7400** is a local indication + alarm contact type. Both flowmeters can be compactly mounted on horizontal pipework.

- STK2000: Local indication type
- STK7400: Local indication + alarm contact type

FEATURES

- ☐ Flow direction selectable
- ☐ Metal body and PVC body available
- ☐ Easy-to-read scale
- ☐ Easy maintenance
- ☐ No straight runs needed
- ☐ Low pressure drop
- ☐ Simple structure ensuring high durability







PRINCIPLE

The STK2000/7400 Series measures flow rate by using the principle of variable area flowmeters. The flow path is throttled by a flapper whose angle is variable, being supported by a spring. Fluid flow produces a differential pressure between the front and rear of the flapper, which displaces the flapper and thus changes the cross section of the flow path and the spring force. The flapper then rests at the position at which the force due to the differential pressure balances the spring force. The flow rate is shown on the indicator via a magnet attached to the flapper.

■ Specifications of the metal measuring tube

Meter size : 15 to 300 mm

Measurement range : 1.5 to 600 m³/h

Process connection : Flange

(JIS 10K FF or ASME Class 150)

Fluid pressure : Max. 1.0 MPa Fluid temperature(based on packing material) : NBR : -20 to +80°C,

FPM: -10 to +120°C, EPDM: -20 to +100°C,

PTFE: -20 to +120°C

STANDARD SPECIFICATIONS

■ General specifications

Measured fluid : Water, and liquids whose viscosity and

density are comparable to those of water

Accuracy : $\pm 3.0\%$ F. S. (factory calibration with 20°C

water)

Flow direction : Horizontal or vertical

Materials

Mate	rials:							
	Desc	ription	Iron-based material (material code: S)	Stainless steel (material code: 4)				
	Main	15 to 100 mm	Stainless cast steel	(SCS14)				
	body	125 to 300 mm	Carbon steel (SS400/SGP)	Stainless steel (SUS304)				
oarts	Detecto	r	Stainless steel/stair (SUS304/SCS14)	nless cast steel				
Wetted parts	Flange		Carbon steel *2 (SS400)	Stainless steel (SUS304)				
×	Air vent	plug	Stainless steel (SUS304)					
	Packing for back		NBR, FPM, EPDM,	or PTFE				
	Seal pla	te for back	Stainless steel (SUS304)					
ırts	Back co	ver	Carbon steel (SS400)					
Dry parts	Nuts and	d bolts for ver	Carbon steel '3 (standard)	Stainless steel (standard)				

Painting/color *1: Melamine resin/gray

- *1 No painting on stainless steel parts. Flow paths (wetted parts) of iron-based main bodies are painted.
- $^{\ast}2\,$ The flange material for ASME Class 150 is S25C.
- *3 Trivalent unichrome plating

■ Specifications of the PVC measuring tube

Meter size : 25 to 65 mm

Measurement range : 3 to 30 m³/h

Process connection : Flange (JIS 10K FF)

Fluid pressure : Max. 0.3 MPa

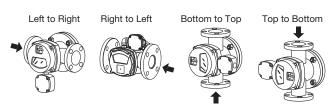
Fluid temperature : 0 to 40°C

Materials:

	Description	Materials						
	Main body	PVC						
Wetted parts	Detector	Flapper: PVC Spring: SUS316 with ETFE coating Shaft: SUS316 with FEP/FRP coating						
bg k	Flange	PVC						
te	Air vent plug	PVC						
Wet	Packing (O-ring) for back cover	FPM						
	Seal plate for back cover	PVC						
ırts	Back cover	Stainless steel (SUS304)						
Dry parts	Nuts and bolts for back cover	Stainless steel (SUS304)						

■ Flow direction

• Select one of the four options below when placing an order.



■ Mounting angle

 The scale surface must be vertical.
 In horizontal mounting, avoid placing the scale surface facing upward.



■ Specifications of the indicator

Indication mechanism: Magnet coupling

Needle color : Black

Materials : Housing : Aluminum alloy (ADC12)

Cover : Reinforced plastic (color: jade

green)

Scale window plate: Acrylic resin

Painting : Melamine resin (color: black) [housing only]

■ Specifications of the alarm contact

Number of contacts: 1 or 2

Switch type : Reed switch (self-holding type)

Contact actions : A: H limit CLOSE (ON)

B: H limit OPEN (OFF)
C: L limit CLOSE (ON)
D: L limit OPEN (OFF)

Reset span : Approx. 7% F. S.

Operating point setting: Set freely with the setting needle (red) on

the scale plate

Settable points : H limit set point: 30% of maximum scale

value to maximum scale value

L limit set point: Minimum scale value to

90% of maximum scale value

(The two points cannot be the same set point. Make sure they are apart from each other by at least 10% of maximum flow.)

Contact ratings : Switching voltage: Max. 220 V AC/DC

Switching current: Max. 0.5 A AC/DC Switching capacity: Max. 50 VA

Contact resistance : $400 \text{ m}\Omega$ or lower

Terminal type : Screw terminal (M2.6 screw)

Cable entry : G1/2 female thread

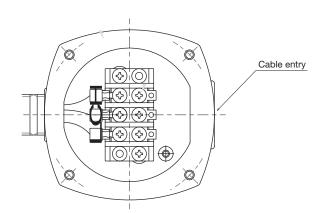
Terminal box materials: Housing: Aluminum alloy (ADC12)

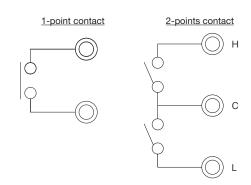
Cover: Reinforced plastic (color: black)

Terminal box painting: Melamine resin (color: black) [housing only]

Protection class : IPX6

TERMINAL LAYOUT





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FLOW RATE RANGE

■ Metal measuring tube (1)

Flow rate unit (m³/h)					Flow rate r	ange c	ode/flow rate	scale	(m ³ /h)						
Scale type		15 mm		20 mm		25 mm	T	32 mm		40 mm		50 mm		65 mm		
0.3 to 1.5	01M	0.3 to 1.5	01M	0.3 to 1.5												
0.4 to 2	02M	0.4 to 2	02M	0.4 to 2												
0.5 to 2.5	03M	0.5 to 2.5	03M	0.5 to 2.5												
0.6 to 3	04M	0.6 to 3	04M	0.6 to 3	01M	0.6 to 3										
0.8 to 3.6					02M	0.8 to 3.6	01M	0.8 to 3.6	01M	0.8 to 3.6						
0.8 to 4					03M	0.8 to 4	02M	0.8 to 4	02M	0.8 to 4	01M	0.8 to 4				
1 to 4.6					04M	1 to 4.6		1 to 4.6	03M	1 to 4.6	02M	1 to 4.6				
1 to 5					05M	1 to 5	04M	1 to 5	04M	1 to 5	03M	1 to 5				
1.2 to 6						1.2 to 6	05M	1.2 to 6	05M	1.2 to 6	04M	1.2 to 6				
1.5 to 7								1.5 to 7		1.5 to 7	_	1.5 to 7				
1.5 to 8							07M	-	_	1.5 to 8	_	1.5 to 8				
2 to 9										2 to 9	_	2 to 9				
2 to 10	1									2 to 10		2 to 10				
2.5 to 12	+									2.5 to 12	_	2.5 to 12	01M	2.5 to 12		
3 to 15									1.0		_	3 to 15	_	3 to 15		
4 to 20	1										_	4 to 18		4 to 20		
5 to 25														5 to 25		
6 to 30														6 to 30		
8 to 36					1									8 to 36		
Scale type		80 mm		100 mm		125 mm		150 mm		200 mm		250 mm	-	300 mm		
2.5 to 12	01M	2.5 to 12		100 111111	1	120 111111										
3 to 15	_	3 to 15	01M	3 to 15												
4 to 20	_	4 to 20		4 to 20												
5 to 25		5 to 25		5 to 25												
6 to 30		6 to 30		6 to 30	01M	6 to 30										
8 to 36		8 to 36		8 to 36		8 to 36										
8 to 40	_	8 to 40		8 to 40		8 to 40	01M	8 to 40								
10 to 46		10 to 46	07M	10 to 46		10 to 46		10 to 46								
10 to 50		10 to 50	08M	10 to 50		10 to 40		10 to 50								
12 to 60	OOIVI	10 10 00	09M	12 to 60		12 to 60	04M	1	01M	12 to 60						
15 to 70			10M	15 to 70		15 to 70		15 to 70		15 to 70						
15 to 80			11M	15 to 80		15 to 80	06M		_	15 to 80	01M	15 to 80				
20 to 90	+		12M	20 to 90	_	20 to 90	07M			20 to 90	_	20 to 90				
20 to 100	+		13M	20 to 100		20 to 30	08M			20 to 100	_	20 to 30	011/	20 to 100		
25 to 120	+		10101	20 10 100	_	25 to 120	09M	-		25 to 120	_	25 to 120		25 to 120		
30 to 150	+				_	30 to 150		30 to 150	_	30 to 150		30 to 150		30 to 150		
40 to 200	+				12111	30 10 100	11M	 		40 to 200	_	40 to 200	04M	40 to 200		
50 to 250	+						111111	10 10 200		50 to 250	_	50 to 250	05M	50 to 250		
60 to 300	+									60 to 300	_	60 to 300		60 to 300		
80 to 360	+									80 to 360		80 to 360		80 to 360		
80 to 400	+									80 to 400	_	80 to 400		80 to 400		
100 to 460	+									100 to 460	_	100 to 460	09M	100 to 460		
100 to 400	+								ISIVI	100 10 400	12M	100 to 400	10M	100 to 400		
120 to 600	+				+						12101	100 10 300	_	120 to 600		
120 10 000								1					1 fivi	120 10 000		

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■ Metal measuring tube (2)

		3 ** * * (<u> </u>											
Flow rate unit (L/min)	Flow rate range code/flow rate scale (L/min)													
Scale type		15 mm 20 mm				25 mm		32 mm		40 mm		50 mm		65 mm
5 to 25	01L	5 to 25	01L	5 to 25										
6 to 30	02L	6 to 30	02L	6 to 30										
8 to 36	03L	8 to 36	03L	8 to 36										
8 to 40		8 to 40	04L	8 to 40										
10 to 46	05L	10 to 46	05L	10 to 46										
10 to 50	06L	10 to 50	06L	10 to 50	01L	10 to 50								
12 to 60					02L	12 to 60	01L	12 to 60	01L	12 to 60				
15 to 70					03L	15 to 70	02L	15 to 70	02L	15 to 70	01L	15 to 70		
15 to 80					04L	15 to 80	03L	15 to 80	03L		02L	15 to 80		
20 to 90					05L	20 to 90	04L	20 to 90	04L		03L	20 to 90		
20 to 100					06L	20 to 100	05L	20 to 100	-	20 to 100	04L	20 to 100		
25 to 120							06L	25 to 120	06L		05L			
30 to 150							- 552		07L		06L			
40 to 200										40 to 200		40 to 200	011	40 to 200
50 to 250									JUL	.5 10 200	_	50 to 250	02L	
60 to 300												60 to 300	-	60 to 300
80 to 360											USL	00 10 300	_	80 to 360
80 to 400													_	80 to 400
100 to 460														100 to 460
100 to 400													07L	100 to 400
120 to 600														120 to 600
		80 mm	-	100 mm		125 mm		150 mm		200 mm		250 mm	UOL	300 mm
Scale type 40 to 200	011	40 to 200	-	100 111111		123 111111		130 111111		200 111111		230 11111		300 11111
	_		041	F0 +- 0F0										
50 to 250	_	50 to 250	01L	50 to 250										
60 to 300	_	60 to 300	_	60 to 300										
80 to 360	_	80 to 360	03L	80 to 360										
80 to 400		80 to 400	04L	80 to 400										
100 to 460	_	100 to 460	05L	100 to 460	0.41	100 : 500								
100 to 500	_	100 to 500	06L	100 to 500	-									
120 to 600	_	120 to 600	07L	120 to 600	02L	120 to 600			_					
150 to 700	_	150 to 700	08L	150 to 700		150 to 700		150 to 700						
150 to 800	10L	150 to 800	09L	150 to 800			02L	150 to 800						
200 to 900			10L	200 to 900	-	200 to 900	03L	200 to 900						
200 to 1000			11L	200 to 1000	06L	200 to 1000	04L	200 to 1000	01L					
250 to 1200			12L	250 to 1200	07L	250 to 1200	05L	250 to 1200	02L					
300 to 1500			13L	300 to 1500	08L	300 to 1500	06L	300 to 1500	03L	300 to 1500	01L	300 to 1500		
400 to 2000			_		09L	400 to 2000	07L	400 to 2000	04L	400 to 2000	02L	400 to 2000		400 to 2000
500 to 2500			_		10L	500 to 2500	08L	500 to 2500	05L	500 to 2500	03L	500 to 2500		500 to 2500
600 to 3000							09L	600 to 3000	_	600 to 3000	04L	600 to 3000	_	600 to 3000
600 to 3600									_		05L	600 to 3600	04L	600 to 3600
800 to 4000									_	800 to 4000	06L	800 to 4000	05L	800 to 4000
1000 to 4600									09L	1000 to 4600	07L	1000 to 4600	06L	1000 to 4600
1000 to 5000									10L	1000 to 5000	08L	1000 to 5000	07L	1000 to 5000
1200 to 6000									11L	1200 to 6000	09L	1200 to 6000	08L	1200 to 6000
1500 to 7000									12L	1500 to 7000	10L	1500 to 7000	09L	1500 to 7000
1500 to 8000											11L	1500 to 8000	10L	1500 to 8000
2000 to 9000													11L	2000 to 9000

■ PVC measuring tube

Flow rate unit (m³/h)		Flow rate range code/flow rate scale (m³/h)														
Scale type	2	25 mm 40 mm 50 mm 65 mm														
0.6 to 3	01M	0.6 to 3														
0.8 to 3.6	02M	0.8 to 3.6	01M	0.8 to 3.6												
0.8 to 4	03M	0.8 to 4	02M	0.8 to 4	01M	0.8 to 4										
1 to 4.6	04M	1 to 4.6	03M	1 to 4.6	02M	1 to 4.6										
1 to 5	05M	1 to 5	04M	1 to 5	03M	1 to 5										
1.2 to 6			05M	1.2 to 6	04M	1.2 to 6										
1.5 to 7			06M	1.5 to 7	05M	1.5 to 7										
1.5 to 8			07M	1.5 to 8	06M	1.5 to 8										
2 to 9			08M	2 to 9	07M	2 to 9										
2 to 10			09M	2 to 10	08M	2 to 10										
2.5 to 12					09M	2.5 to 12	01M	2.5 to 12								
3 to 15							02M	3 to 15								
4 to 20							03M	4 to 20								
5 to 25							04M	5 to 25								
6 to 30							05M	6 to 30								

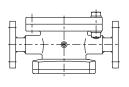
Flow rate unit (L/min)		Flow rate range code/flow rate scale (L/min)														
Scale type	2	5 mm	4	40 mm	5	50 mm	65 mm									
10 to 46	01L	10 to 46														
10 to 50	02L	10 to 50														
12 to 60	03L	12 to 60	01L	12 to 60												
15 to 70	04L	15 to 70	02L	15 to 70												
15 to 80	05L	15 to 80	03L	15 to 80	01L	15 to 80										
20 to 90			04L	20 to 90	02L	20 to 90										
20 to 100			05L	20 to 100	03L	20 to 100										
25 to 120			06L	25 to 120	04L	25 to 120										
30 to 150			07L	30 to 150	05L	30 to 150										
40 to 200			08L	40 to 200	06L	40 to 200	01L	40 to 200								
50 to 250							02L	50 to 250								
60 to 300							03L	60 to 300								
80 to 360							04L	80 to 360								
80 to 400							05L	80 to 400								
100 to 460							06L	100 to 460								
100 to 500							07L	100 to 500								
120 to 600							08L	120 to 600								

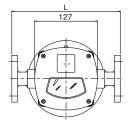
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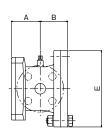
DIMENSIONS

• STK2000 (local indication type) metal measuring tube

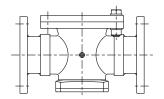
Meter size: 15 mm, 20 mm

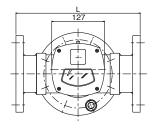


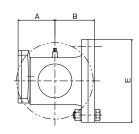




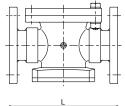
Meter size: 65 mm, 80 mm

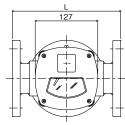


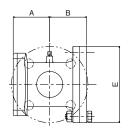




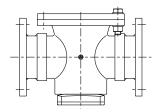
Meter size: 25 to 50 mm

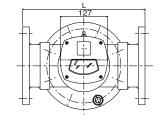


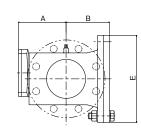




Meter size: 100 mm

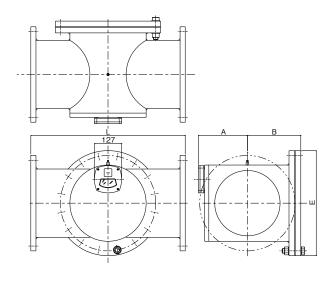






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Meter size: 125 to 300 mm



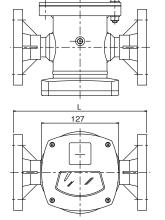
						*
Meter		Size (r	mm)	Mass	MAX. Press. loss	
size	L: Face- to-face	А	В	Е	(Approx.) kg	(Approx.) kPa
15 mm	220	59	55.5	155	7	12
20 mm	220	59	55.5	155	7	12
25 mm	220	64	60	155	8	17
32 mm	220	64	65	155	9	8
40 mm	220	69	70	155	9	12
50 mm	220	74	75	155	10	12
65 mm	260	84	92	200	16	25
80 mm	300	89	97	200	17	26
100 mm	330	129	117	235	25	33
125 mm	380	129	129	265	33	35
150 mm	480	159	150	330	58	25
200 mm	650	179	192	400	84	58
250 mm	680	204	212	445	123	28
300 mm	720	229	244	490	153	18

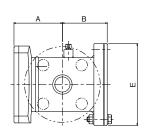
^{*} Refer to the pressure loss table in the instruction manual for detailed values.

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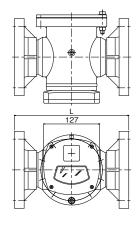
● STK2000 (local indication type) PVC measuring tube

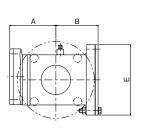
Meter size: 25 to 50 mm





Meter size: 65 mm





Meter

size

15 mm

20 mm

25 mm

32 mm

40 mm

50 mm

65 mm

80 mm 100 mm

125 mm

150 mm

200 mm

250 mm

300 mm

G size (mm)

PVC

93

98

102

118

Metal

72

72 77

77

82

87

97

102

142

142

172

192

217

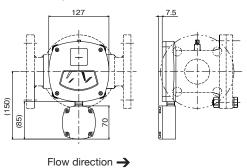
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						*
		Size	(mm)		Mass	MAX.
Meter size		3126	IVIASS	Press. loss		
IVIETEI SIZE	L: Face-	Α	В	E	(Approx.)	(Approx.)
	to-face	Α	Ь	_	kg	kPa
25 mm	220	80	74	135	2.6	12
40 mm	220	85	79	135	3.0	12
50 mm	0 mm 220		83	135	3.3	5
65 mm	260	105	96	160	5.0	25

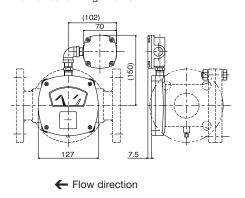
^{*} Refer to the pressure loss table in the instruction manual for detailed values.

• STK7400 (local indication + alarm contact) indicator

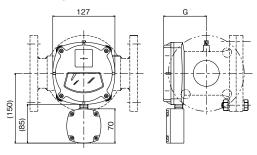
- Alarm 1-point contact Flow direction
- : Left to Right, Bottom to Top, Top to Bottom



• Alarm 1-point contact Flow direction: Right to Left

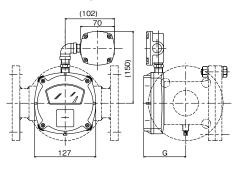


- Alarm 2-points contact Flow direction
 - : Left to Right, Bottom to Top, Top to Bottom



Flow	direction	\rightarrow

 Alarm 2-points contact Flow direction: Right to Left



[←] Flow direction

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^{*} The dimensions of the measuring tube and the maximum pressure loss of the STK7400 (local indication + alarm contact) are the same as those of the STK2000 (local indication type).

MODEL CODE

■ Metal measuring tube

STK	***	*	_	*	_	***	_	***	_	**	_	*	_	k /	**	*	*		Spe	ecifications
	200			Ť					Н		1	Ť	+	+			-	Local indication		
Function	740								Н					†				Local indication		ontact
		1							Н					\dagger				Bottom to Top		
Flow		6							Н		\dashv	+	+	+				Left to Right		
direction	. }	7							Н			+	+	+	+	1		Right to Left		
u	·	8							Н		\dashv	+	+	+	+			Top to Bottom		
Main boo	<u>-</u>	-		_					Н				+	+				-		
material		ы	-	S										\perp				Iron-based mat	erial	
part)	(world	·	-	4														Stainless steel		
P 7					-	015			Н					\dagger				15 mm		
					_	020			Н			+	+	+				20 mm		
					<u> </u>	025			Н		-	+	+	+				25 mm		
					\vdash				Н		-	-	+	+				32 mm		
					-	032			Н		-	+	+	+	-	-				
					_	040			Н			_	_	+				40 mm		
					_	050			Ш			_	_	\perp	_			50 mm		
Meter siz	ze				_	065			Ш			_	_	\perp				65 mm		
	-				_	080												80 mm		
					_	100												100 mm		
					_	125												125 mm		
					_	150				_ 7		_T	_[150 mm		
					-	200			П									200 mm		
					-	250							\top	Ť				250 mm		
					_	300			П				\top	Ť				300 mm		
							_	01M	Н				\top	†				Range 1		
							_	02M	Н			+	+	$^{+}$				Range 2	-	
								03M	Н			+	+	+				Range 3	1	
							_	04M	Н		\dashv	+	+	+	+	-		Range 4	-	
							_		Н		-	+	+	+		-			-	
							_	05M	Н			_	+	+				Range 5	-	
							_	06M	Ш			_	_	+		-		Range 6		See flow rate range code of
							_	07M	Ш				_	\downarrow				Range 7	m³/h	metal measuring tube (1) in
							-	M80						\perp				Range 8		FLOW RATE RANGE.
								09M										Range 9		
							_	10M										Range 10		
							-	11M										Range 11		
							_	12M										Range 12]	
-							_	13M						T				Range 13	1	
Flow rate	erang	е					_	01L						T				Range 1		
							_	02L						†				Range 2	1	
							_	03L	Н			\top	\top	$^{+}$				Range 3	-	
								04L	Н			+	+	+				Range 4	-	
							_	05L	Н			+	+	+				Range 5	+	
								06L	Н			+	+	+	+			Range 6	-	
							_	07L	Н		\dashv	+	+	+	-	\vdash			1 /2:-	See flow rate range code of
							_		Н		-	+	+	+	+-	-		Range 7	L/min	metal measuring tube (2) in FLOW RATE RANGE.
							_	08L	Н		4	\dashv	+	+	-	-		Range 8	-	I LOW HATE HANGE.
							_	09L	Н		4	\perp	\perp	\perp	1	1		Range 9	-	
							_	10L	Ш		_	_	\perp	\perp		1		Range 10		
							_	11L	Ш				\perp	\perp				Range 11	1	
							_	12L	Ш					\perp				Range 12]	
		_		_			_	13L				T						Range 13	<u></u>	
Process	0000		or						-	1F	T	\top	Т	Г				JIS10K FF flang	ge	
Process	COLLUG	:CII	υΠ						-	1A	T	\top	\top	\top				ASME class 15		9
				_							_	N	\dagger	\dagger			_	NBR		
.										İ	\rightarrow	F	\dagger	\dagger				FPM		
Packing	mater	ıal	tor	ba	ck c	cover)				ŀ		E	+	+	+			EPDM		
										ł		P	+	+	+	1		PTFE		
												+	_ 5	+				Carbon steel		
Material	of nut	s a	nd I	ool	ts (f	or back	СО	ver)				H	_ 2	_	+	\vdash		Stainless steel		
													- 2	+		-			. (0=:::=	
						OSE (C		For d	esi	red				/	00			No alarm conta	ct (STK200	00: with local indication only)
					t OF	PEN (Ò	FF)	spec	ific	ation				/	* 0			1-point alarm	Example:	D0 for L limit OPEN
Alarm								lattar	ς Δ	to D	int	o tl	ne :	ķ.	+	+-	_	•	<u> </u>	
Alarm contact		C:	LI	imi		OSE (C PEN (OF									**			2-points alarm	Example: OPEN	AB for H limit CLOSE, HH limit
		C: D:	L Ii	imi imi											**			2-points alarm Without		AB for H limit CLOSE, HH limit

TG-F2477-E01 TOKYO KEISO CO., LTD.

■ PVC measuring tube

Function 200	STK *** * - P - *** - *** - 1F - F - 4 / ** *										ecifications													
Flow	200)																Local indication						
Flow direction Flow	740)																Local indication	ı + alarm c	ontact				
Main body material (wetted part) P		1																Bottom to Top						
Main body material (wetted - P	Flow	6																Left to Right						
Main body material (wetted part)	direction	7																Right to Left						
Meter size		8																Top to Bottom						
Neter size	material (we	etted	-	Р														PVC						
Neter size					-	025												25 mm						
- 050	Meter size			ļ	-																			
- 01M	Wieter Size				_	050																		
- 02M					-	065												65 mm		,				
- 03M							_	-																
Flow rate range							_																	
Flow rate range							_											Range 3						
Flow rate range							_											Range 4						
Flow rate range - 07M							_	05M										Range 5	m³/h					
Flow rate range							_	06M										Range 6						
Flow rate range							_	07M										Range 7						
- 01L							_	M80										Range 8		See flow rate range code of PVC				
Process connection Packing material (for back cover) Alarm Alarm B: H limit CLOSE (ON) D: L limit OPEN (OFF) C: L limit CPEN (OFF) Special specifications Alarm	Flow rate ra	ange					_	09M										Range 9						
- 03L							_	01L										Range 1		RANGE.				
Process connection Packing material (for back cover) Alarm Contact A: H limit CLOSE (ON) C: L limit CPEN (OFF) Contact C: L limit OPEN (OFF) C: L limit							_	02L										Range 2						
Process connection Packing material (for back cover) Alarm Contact A: H limit CLOSE (ON) D: L limit OPEN (OFF) Cortact A: H limit CLOSE (ON) D: L limit OPEN (OFF) Cortact A: H limit CLOSE (ON) D: L limit OPEN (OFF) Cortact A: H limit CLOSE (ON) D: L limit OPEN (OFF) Cortact A: H limit CLOSE (ON) D: L limit OPEN (OFF) Cortact A: H limit CLOSE (ON) D: L limit OPEN (OFF) Cortact A: H limit CLOSE (ON) D: L limit OPEN (OFF) Cortact A: H limit CLOSE (ON) D: L limit OPEN (OFF) Cortact A: H limit CLOSE (ON) D: L limit OPEN (OFF) Cortact A: H limit CLOSE (ON) C: L limit CLOSE (ON) D: L limit OPEN (OFF) Cortact A: H limit CLOSE (ON) C: L limit CLOSE (ON) D: L limit OPEN (OFF) Cortact A: H limit CLOSE (ON) C: L limit CLOSE (ON) C: L limit CLOSE (ON) D: L limit OPEN (OFF) CORTACT A: H limit CLOSE (ON) C: L limit CLOSE (ON)							_	03L										Range 3						
Process connection Packing material (for back cover) Alarm Contact A: H limit CLOSE (ON) B: H limit OPEN (OFF) C: L limit OPEN (OFF) C: L limit OPEN (OFF) Special specifications Range 5 Range 6 Range 7 Range 8 Process connection - IF Stainless steel No alarm contact (STK2000: with local indication only) - 4 Stainless steel No alarm contact (STK2000: with local indication only) - 4 Stainless steel No alarm contact (STK2000: with local indication only) - 4 Stainless steel No alarm contact (STK2000: with local indication only) - 4 Special specifications (Blank) Without							-	04L										Range 4	I /min					
Process connection Packing material (for back cover) Material of nuts and bolts (for back cover) Alarm Contact A: H limit CLOSE (ON) B: H limit OPEN (OFF) C: L limit OPEN (OFF) C: L limit OPEN (OFF) Special specifications Range 7 Range 8 FPM Stainless steel No alarm contact (STK2000: with local indication only) No alarm contact (STK2000: with local indication only) 1-point alarm Example: D0 for L limit OPEN Example: AB for H limit CLOSE, HH limit OPEN B: A limit OPEN (OFF) Special specifications (Blank) Without							-	05L										Range 5	L/111111					
Process connection Packing material (for back cover) Material of nuts and bolts (for back cover) A: H limit CLOSE (ON) B: H limit OPEN (OFF) Contact C: L limit CLOSE (ON) D: L limit OPEN (OFF) Special specifications ABARANGE 8 JJS10K FF flange FPM Stainless steel / 00 No alarm contact (STK2000: with local indication only) 1-point alarm Example: D0 for L limit OPEN C-points alarm Example: AB for H limit CLOSE, HH limit OPEN (Blank) Without							_	06L										Range 6						
Process connection							_	07L										Range 7						
Packing material (for back cover) Material of nuts and bolts (for back cover) A: H limit CLOSE (ON) Alarm Contact C: L limit OPEN (OFF) D: L limit OPEN (OFF) ** PPM Stainless steel No alarm contact (STK2000: with local indication only) 1-point alarm Example: D0 for L limit OPEN C-points alarm Example: AB for H limit CLOSE, HH limit OPEN (Blank) Without							_	08L										Range 8						
Material of nuts and bolts (for back cover) A: H limit CLOSE (ON) Alarm Contact C: L limit CLOSE (ON) D: L limit OPEN (OFF) Special specifications A: H limit CLOSE (ON) For desired Special specifications - 4 Stainless steel No alarm contact (STK2000: with local indication only) 1-point alarm Example: D0 for L limit OPEN 2-points alarm OPEN (Blank) Without	Process co	nnec	tion	1				-	1F									JIS10K FF flang	e					
A: H limit CLOSE (ON) B: H limit OPEN (OFF) Contact A: H limit CLOSE (ON) B: H limit OPEN (OFF) C: L limit CLOSE (ON) D: L limit OPEN (OFF) * part of the code. A: H limit CLOSE (ON) B: H limit CLOSE (ON) D: L limit OPEN (OFF) * part of the code. A: H limit CLOSE (ON) B: H limit CLOSE (ON) C: L limit OPEN (OFF) * part of the code. A: H limit CLOSE (ON) B: H limit CLOSE (ON) C: L limit OPEN (OFF) * part of the code. A: H limit CLOSE (ON) B: H limit CLOSE (ON) C: L limit OPEN (OFF) A: H limit CLOSE (ON) B: H limit OPEN (OFF) A: H limit CLOSE (ON) B: H limit OPEN (OFF) A: H limit CLOSE (ON) B: H limit OPEN (OFF) A: H limit CLOSE (ON) B: H limit OPEN (OFF) A: H limit CLOSE (ON) B: H limit OPEN (OFF) A: H limit CLOSE (ON) B: H limit OPEN (OFF) A: H limit CLOSE (ON) B: H limit OPEN (OFF) B: H l	Packing ma	ateria	l (fo	r ba	ack	cover)				-	F							FPM						
Alarm contact Alarm contact	Material of	nuts	and	l bo	lts	(for bac	k c	over)				-	4					Stainless steel						
Alarm contact B: H limit OPEN (OFF) specifications, enter contact C: L limit CLOSE (ON) letters A to D into the part of the code. C: L limit OPEN (OFF) specifications specifications are letters A to D into the part of the code. Special specifications (Blank) Without	A: H limit CLOSE (ON) For desired											00			No alarm conta	ct (STK200	00: with local indication only)							
Contact C: L limit CLOSE (ON) letters A to D into the D: L limit OPEN (OFF) * part of the code. C: L limit CLOSE (ON) letters A to D into the 2-points alarm Example: AB for H limit CLOSE, HH limit OPEN Special specifications (Blank) Without	Δlarm										er	nte	r	/	*0									
Spacial enactications	_	C	Lli	mit	CL	OSE (O	N)	letters	A to	D	into	th		/				2-points alarm Example: AB for H limit CLOSE, HH limit						
Special special request / Z With special request	Chasial a	ole: -	n+:-	nc												(BI	ank)	Without						
	Special spe	CITIC	atio	ns												/	Z	With special rec	quest					

PRECAUTIONS

- Make sure to flush the piping before mounting this product in order to eliminate any residue in the piping.
- Avoid sudden valve operations. In particular, if the valve is opened quickly at the start of operation, it causes excessive fluid to flow, which may result in failure or damage of the internal flapper and other parts.
- For the STK7400 (with alarm contact), take measures to keep out water, such as applying waterproof tape on the cable entry of the terminal box.

* Specification is subject to change without notice.



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