

Specification Sheet

No.:	1	QTY:	1	Product no.:	
Tag no.	HCV1023			<Option>	
Service				SV0703-102	Indicating unit : "bar"
< Specification >					
Model	HTS				
Description	Top-Guided Single Seated Control Valves			SV0601-001	Air piping Connection: 1/4 NPT
Valve size	6	inch			
Port size	6	inch			
Rated Cv	360				
Connection size		inch			
Body rating					
End connection	DIN2526				
Body material	A216WCB				
Trim material	SUS316				
Flow characteristic	EQ%				
Bonnet type	PLAIN				
Actuator	PSA6				
Manual operator	SIDE				
Valve action	REVERSE(Air fail close)				
Gland packing	V-PTFE				
Gasket	V543				
Grease					
Air supply	5.0bar				
Spring range	2.0-4.0bar				
< Accessories >					
Positioner / Signal					
Exprosion-proof					
Signal	On-Off action				
Regurator					
Regulator 2					
Limit Switch					
Action					
Solenoid valve					
Action					
Power supply					
Others					
<Operating condition>				<Finish>	
Fluid name	WET AIR		[GAS]	Body:	M10B5/10
	MAX	NOR	MIN	Diaph. Case:	M10B5/10
Flow rate				Yoke:	M10B5/10
Inlet pressure				Paint:	Standard
Outlet pressure					
Diff. pressure					
Shut-off press.		6.1			
Temperature					
Sp.Gr. (liq.)					
Sp.Gr.(gas,vapor)					
Viscosity					
Flash					
Velocity					
S.P.L.					
Calculated Cv					
Travel					
				<Seat Leakage>	CLASS IV (SV0201-003)
				<Note>	Tokumi
				<Line spec>	
				Design press.	6.1 barG
				Design temp.	16 degC
				Line size in/out	inch
				Line Sch. / Thick.	mm

Specification Sheet

No.:	2	QTY:	1	Product no.:	
Tag no.	HV1103			<Option>	
Service				SV0703-102	Indicating unit : "bar"
< Specification >					
Model	HTS				
Description	Top-Guided Single Seated Control Valves			SV0601-001	Air piping Connection: 1/4 NPT
Valve size	2	inch			
Port size	2	inch			
Rated Cv	44				
Connection size		inch			
Body rating					
End connection	DIN2526				
Body material	A216WCB				
Trim material	SUS316				
Flow characteristic	EQ%				
Bonnet type	PLAIN				
Actuator	HA2				
Manual operator					
Valve action	REVERSE(Air fail close)				
Gland packing	V-PTFE				
Gasket	V543				
Grease					
Air supply	2.7bar				
Spring range	0.8-2.4bar				
< Accesories >					
Positioner / Signal					
Explosion-proof					
Signal	On-Off action				
Regurator	KZ03-2B-1B				
Regulator 2					
Limit Switch					
Action					
Solenoid valve	WPIS8314A300				
Action					
Power supply					
Others					
				<Finish>	
				Body:	M10B5/10
				Diaph. Case:	M10B5/10
				Yoke:	M10B5/10
				Paint:	Standard
<Operating condition>				<Seat Leakage>	
Fluid name	WASTE NITROGEN		[GAS]	CLASS IV (SV0201-003)	
	MAX	NOR	MIN		
Flow rate				<Note>	Tokumi
Inlet pressure					
Outlet pressure					
Diff. pressure					
Shut-off press.		1.8			
Temperature					
Sp.Gr. (liq.)					
Sp.Gr. (gas, vapor)					
Viscosity					
Flash					
Velocity				<Line spec>	
S.P.L.				Design press.	1.8 barG
Calculated Cv				Design temp.	50 degC
Travel				Line size in/out	inch
				Line Sch. / Thick.	mm

Specification Sheet

No.:	3	QTY:	1	Product no.:	
Tag no.	KV1101A			<Option>	
Service				SV0703-102	Indicating unit : "bar"
< Specification >				SV0601-001	Air piping Connection: 1/4 NPT
Model	HTS				
Description	Top-Guided Single Seated Control Valves				
Valve size	2	inch			
Port size	2	inch			
Rated Cv	44				
Connection size		inch			
Body rating					
End connection	DIN2526				
Body material	A216WCB				
Trim material	SUS316				
Flow characteristic	EQ%				
Bonnet type	PLAIN				
Actuator	HA2				
Manual operator					
Valve action	REVERSE(Air fail close)				
Gland packing	V-PTFE				
Gasket	V543				
Grease					
Air supply	2.7bar				
Spring range	0.8-2.4bar				
< Accesories >					
Positioner / Signal					
Explosion-proof					
Signal	On-Off action				
Regurator	KZ03-2B-1B				
Regulator 2					
Limit Switch	NJ15S+U4+N				
Action					
Solenoid valve	WPIS8314A300				
Action					
Power supply					
Others					
				<Finish>	
				Body:	M10B5/10
				Diaph. Case:	M10B5/10
				Yoke:	M10B5/10
				Paint:	Standard
<Operating condition>				<Seat Leakage>	
Fluid name	DRY AIR		[GAS]	CLASS IV (SV0201-003)	
	MAX	NOR	MIN		
Flow rate				<Note>	Tokumi
Inlet pressure					
Outlet pressure					
Diff. pressure					
Shut-off press.		6.1			
Temperature					
Sp.Gr. (liq.)					
Sp.Gr. (gas, vapor)					
Viscosity					
Flash					
Velocity				<Line spec>	
S.P.L.				Design press.	6.1 barG
Calculated Cv				Design temp.	50 degC
Travel				Line size	in/out inch
				Line Sch. / Thick.	mm

Specification Sheet

No.: 4 QTY: 1
 Tag no. KV1101B
 Service

Product no.:

< Specification >

Model HLS
 Description Small-Port Single Seated Control Valves
 Valve size 3/4 inch
 Port size Cv=6.3 inch
 Rated Cv 6.3
 Connection size inch
 Body rating
 End connection DIN2526
 Body material A216WCB
 Trim material SUS316
 Flow characteristic EQ%
 Bonnet type PLAIN
 Actuator HA2
 Manual operator
 Valve action DIRECT(Air fail open)
 Gland packing V-PTFE
 Gasket V543
 Grease
 Air supply 4.0bar
 Spring range 0.8-2.4bar

<Option>

SV0703-102 Indicating unit : "bar"
 SV0601-001 Air piping Connection: 1/4 NPT

< Accesories >

Positioner / Signal
 Exprosion-proof
 Signal On-Off action
 Regurator
 Regulator 2
 Limit Switch
 Action
 Solenoid valve WPIS8314A300
 Action
 Power supply
 Others

<Finish>

Body: M10B5/10
 Diaph. Case: M10B5/10
 Yoke: M10B5/10
 Paint: Standard

<Operating condition>

Fluid name	DRY AIR			[GAS]
	MAX	NOR	MIN	UNIT
Flow rate				m3/h[N]
Inlet pressure				barA
Outlet pressure				barA
Diff. pressure				bar
Shut-off press.		6.1		bar
Temperature				degC
Sp.Gr. (liq.)				water=1
Sp.Gr.(gas,vapor)				MW
Viscosity				cP
Flash				%
Velocity				
S.P.L.				dBA
Calculated Cv				
Travel				%

<Seat Leakage>

CLASS IV (SV0201-003)

<Note>

Tokumi

<Line spec>

Design press.	6.1	barG
Design temp.	50	degC
Line size in/out		inch
Line Sch. / Thick.		mm

Specification Sheet

No.:	5	QTY:	1	Product no.:
Tag no.	KV1101C			<Option> SV0703-102 Indicating unit : "bar"
Service				
< Specification >				SV0601-001 Air piping Connection: 1/4 NPT
Model	HTS			
Description	Top-Guided Single Seated Control Valves			
Valve size	2	inch		
Port size	2	inch		
Rated Cv	44			
Connection size		inch		
Body rating				
End connection	DIN2526			
Body material	A216WCB			
Trim material	SUS316			
Flow characteristic	EQ%			
Bonnet type	PLAIN			
Actuator	HA2			
Manual operator				
Valve action	REVERSE(Air fail close)			
Gland packing	V-PTFE			
Gasket	V543			
Grease				
Air supply	2.7bar			
Spring range	0.8-2.4bar			
< Accesories >				<Finish> Body: M10B5/10 Diaph. Case: M10B5/10 Yoke: M10B5/10 Paint: Standard
Positioner / Signal				
Explosion-proof				
Signal	On-Off action			
Regurator				
Regulator 2				
Limit Switch	NJ15S+U4+N			
Action				
Solenoid valve	WPIS8314A300			
Action				
Power supply				
Others				
<Operating condition>				<Seat Leakage> CLASS IV (SV0201-003)
Fluid name	DRY AIR		[GAS]	<Note> Tokumi
	MAX	NOR	MIN	
Flow rate			UNIT	
Inlet pressure			m3/h[N]	
Outlet pressure			barA	
Diff. pressure			bar	
Shut-off press.		6.1	bar	
Temperature			degC	
Sp.Gr. (liq.)			water=1	
Sp.Gr. (gas, vapor)			MW	
Viscosity			cP	
Flash			%	
Velocity				
S.P.L.			dBA	
Calculated Cv				
Travel			%	
<Line spec>				
Design press.	6.1			barG
Design temp.	50			degC
Line size	in/out			inch
Line Sch. / Thick.				mm

Specification Sheet

No.:	6	QTY:	1	Product no.:
Tag no.	KV1102A			<Option> SV0703-102 Indicating unit : "bar"
Service				
< Specification >				SV0601-001 Air piping Connection: 1/4 NPT
Model	HLS			
Description	Small-Port Single Seated Control Valves			
Valve size	1	inch		
Port size	Cv=14	inch		
Rated Cv	14			
Connection size		inch		
Body rating				
End connection	DIN2526			
Body material	A216WCB			
Trim material	SUS316			
Flow characteristic	EQ%			
Bonnet type	PLAIN			
Actuator	HA2			
Manual operator				
Valve action	REVERSE(Air fail close)			
Gland packing	V-PTFE			
Gasket	V543			
Grease				
Air supply	2.7bar			
Spring range	0.8-2.4bar			
< Accesories >				
Positioner / Signal				
Explosion-proof				
Signal	On-Off action			
Regurator	KZ03-2B-1B			
Regulator 2				
Limit Switch	NJ15S+U4+N			
Action				
Solenoid valve	WPIS8314A300			
Action				
Power supply				
Others				
				<Finish> Body: M10B5/10 Diaph. Case: M10B5/10 Yoke: M10B5/10 Paint: Standard
<Operating condition>				<Seat Leakage> CLASS IV (SV0201-003)
Fluid name	DRY AIR		[GAS]	<Note> Tokumi -
	MAX	NOR	MIN	
Flow rate			UNIT	
Inlet pressure			m3/h[N]	
Outlet pressure			barA	
Diff. pressure			bar	
Shut-off press.		6.1	bar	
Temperature			degC	
Sp.Gr. (liq.)			water=1	
Sp.Gr. (gas, vapor)			MW	
Viscosity			cP	
Flash			%	
Velocity				<Line spec>
S.P.L.			dBA	Design press. 6.1 barG
Calculated Cv				Design temp. 5~30 degC
Travel			%	Line size in/out // inch
				Line Sch. / Thick. // mm

Specification Sheet

No.:	7	QTY:	1	Product no.:	
Tag no.	KV1102B			<Option>	
Service				SV0703-102	Indicating unit : "bar"
< Specification >				SV0601-001	Air piping Connection: 1/4 NPT
Model	HLS				
Description	Small-Port Single Seated Control Valves				
Valve size	3/4		inch		
Port size	Cv=6.3		inch		
Rated Cv	6.3				
Connection size			inch		
Body rating					
End connection	DIN2526				
Body material	A216WCB				
Trim material	SUS316				
Flow characteristic	EQ%				
Bonnet type	PLAIN				
Actuator	HA2				
Manual operator					
Valve action	DIRECT(Air fail open)				
Gland packing	V-PTFE				
Gasket	V543				
Grease					
Air supply	2.7bar				
Spring range	0.8-2.4bar				
< Accesories >					
Positioner / Signal					
Explosion-proof					
Signal	On-Off action				
Regurator	KZ03-2B-1B				
Regulator 2					
Limit Switch					
Action					
Solenoid valve	WPIS8314A300				
Action					
Power supply					
Others				<Finish>	
				Body:	M10B5/10
				Diaph. Case:	M10B5/10
				Yoke:	M10B5/10
				Paint:	Standard
<Operating condition>				<Seat Leakage>	
Fluid name	DRY AIR		[GAS]	CLASS IV (SV0201-003)	
	MAX	NOR	MIN	<Note>	Tokumi
Flow rate			UNIT		-
Inlet pressure			m3/h[N]		
Outlet pressure			barA		
Diff. pressure			bar		
Shut-off press.		6.1	bar		
Temperature			degC		
Sp.Gr. (liq.)			water=1		
Sp.Gr.(gas,vapor)			MW		
Viscosity			cP		
Flash			%	<Line spec>	
Velocity				Design press.	6.1 barG
S.P.L.			dBA	Design temp.	5~30 degC
Calculated Cv				Line size in/out	// // inch
Travel			%	Line Sch. / Thick.	// // mm

Specification Sheet

No.:	8	QTY:	1	Product no.:	
Tag no.	KV1102C			<Option>	
Service				SV0703-102	Indicating unit : "bar"
< Specification >					
Model	HTS				
Description	Top-Guided Single Seated Control Valves				
Valve size	2		inch		
Port size	2		inch		
Rated Cv	44				
Connection size			inch		
Body rating					
End connection	DIN2526				
Body material	A216WCB				
Trim material	SUS316				
Flow characteristic	EQ%				
Bonnet type	PLAIN				
Actuator	HA2				
Manual operator					
Valve action	REVERSE(Air fail close)				
Gland packing	V-PTFE				
Gasket	V543				
Grease					
Air supply	2.7bar				
Spring range	0.8-2.4bar				
< Accesories >					
Positioner / Signal					
ExproSION-proof					
Signal	On-Off action				
Regurator	KZ03-2B-1B				
Regulator 2					
Limit Switch	NJ15S+U4+N				
Action					
Solenoid valve	WPIS8314A300				
Action					
Power supply					
Others					
				<Finish>	
				Body:	M10B5/10
				Diaph. Case:	M10B5/10
				Yoke:	M10B5/10
				Paint:	Standard
<Operating condition>				<Seat Leakage>	
Fluid name	DRY AIR		[GAS]	CLASS IV (SV0201-003)	
	MAX	NOR	MIN	<Note>	Tokumi
Flow rate					
Inlet pressure					
Outlet pressure					
Diff. pressure					
Shut-off press.		6.1			
Temperature					
Sp.Gr. (liq.)					
Sp.Gr. (gas,vapor)					
Viscosity					
Flash					
Velocity					
S.P.L.					
Calculated Cv					
Travel					
				<Line spec>	
				Design press.	6.1 barG
				Design temp.	5~30 degC
				Line size	in/out
				Line Sch. / Thick.	inch mm