Specification Sheet

No.: 1 QTY: 1

Tag no.

Service

< Specification >

Model	HLS	
Description	Small-Port Single Seated Control Valves	
Valve size	1	inch
Port size	Cv=1.6	inch
Rated Cv	1.6	
Connection size	1	inch
Body rating	JIS16K	
End connection	RF	
Body material	SCPH2	
Trim material	SUS316	
Flow characteristic	LINEAR	
Bonnet type	PLAIN	
Actuator	HA2	
Manual operator	SIDE	
Valve action	DIRECT(Air fail open)	
Gland packing	V-PTFE	
Gasket	V543	
Grease	---	
Air supply	160 kPa	
Spring range	20-98 kPa	

< Accesories >

Positioner / Signal	
Exprosion-proof	
Signal	20-100 kPa
Regurator	
Regulator 2	
Limit Switch	
Action	
Solenoid valve	
Action	
Power supply	
Others	

Product no.:

<Option>

SV0703-105 Indicating unit : "kgf/cm2"

SV0601-000 Air piping Connection: Rc1/4

SV0801-E01 Material certificate in english.
Scope: valve body and bonnet

<Finish>

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

<Operating condition>

Fluid name Boiler Feed Water [LIQUID]

	MAX	NOR	MIN	UNIT
Flow rate	1.2			t/h
Inlet pressure	10			kgf/cm2G
Outlet pressure				kgf/cm2G
Diff. pressure	1.5			kgf/cm2
Shut-off press.				kgf/cm2
Temperature	60			degC
Sp.Gr. (liq.)	1			water=1
Sp.Gr.(gas,vapor)				MW
Viscosity				cP
Flash				%
Velocity	0.65			m/s
S.P.L.	46			dBA
Calculated Cv	1.144			
Travel	67			%

<Seat Leakage>

<Note> Tokumi: -

<Line spec>

Design press.		kgf/cm2G
Design temp.		degC
Line size in/out	/	inch
Line Sch. / Thick	/	mm

YAMATAKE