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=2.5	inch
Rated Cv		
Connection size		inch
Body rating	JIS10K	
End connection	RF	
Body material	SCPH2	
Trim material	SUS316	
Flow characteristic	EQ%	
Bonnet type	PLAIN	
Actuator	EA2	
Manual operator		
Valve action	Signal to Open	
Gland packing	V-PTFE	
Gasket	V543	
Grease		
Air supply		
Spring range		

< Accesories >

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

Product no.:

<Option>

SV0703-105	Indicating unit : "kgf/cm2"
SV0202-075	Range ability: 75:1

<Finish>

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

<Operating condition>

Fluid name Ar/N2 Gas [GAS]

	MAX	NOR	MIN	UNIT
Flow rate	600			m3/min
Inlet pressure	6.9			kgf/cm2G
Outlet pressure	6.7			kgf/cm2G
Diff. pressure				kPa
Shut-off press.				kPa
Temperature	40	40		degC
Sp.Gr. (liq.)				water=1
Sp.Gr.(gas,vapor)				MW
Viscosity				cP
Flash				%
Velocity				
S.P.L.				dBA
Calculated Cv	1.56			
Travel				%

<Seat Leakage>

<Note> Tokumi: -
YEU-05-670, Tokumi V93-0641-00

<Line spec>

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

YAMATAKE