Control Valve Data Sheet

Item No. / Qty	1	1
Tag No.		
Service		

Ref. No.	
Purchaser	
End user	
Project	

<Control valve>

Model	AGVB		
Description	Top-Guided Single-Seat Control Valves		
Body/Port size	3 in.	3 in.	
Conn. Size. / Rated CV		115	
Rating / Conn. Type	JIS10K	RF	
Body material	SCPH2		
Trim material	SUS316		
Flow characteristic	EQ%		
Bonnet	PLAIN (-17 to 230 degC)		
Actuator / Handle	PSA3R	---	
Action	AIR TO OPEN		
Gland packing / Grease	P4519	---	
Gasket	V543(PTFE)		
Air supply / Spring range	270kPa	80-240kPa	
Seat leakage	CLASS IV		
Color: Body/Diaph./Yoke	M10B5/10	M10B5/10	M10B5/10
Paint	Standard		

<Accessories>

Positioner	AVP300-XSD2A-1DYQ-X	
Structure	Water-proof, Rc1/4, G1/2	
Input signal	4-20 mADC	
Regulator	KZ03-2A-XX	1
Regulator2		
Limit switch		
Action		
Solenoid valve		
Action / Power		
Booster		
Air lock valve		

<Process data>

Fluid name/Phase	Saturated Steam			STEAM
	MAX	NOR	MIN	Unit
Flow rate				kg/h
Inlet pressure				kPaG
Outlet pressure				kPaG
Differential press.				kPa
Shut-off press.				kPa
Temperature				degC
Density/Gravity(Liq)				kg/m3
Density/Gravity(G,V)				kg/m3(A)
Viscosity				mPa-s
Flash				%
Calculated CV				
Travel				%
Outlet velocity				Mach
Predictive SPL				dBA

<Remarks>

SV0201-003 Seat leakage: Less than 0.01%CV (Equivalent IEC, JIS Class IV)

<Piping spec.>

Strength Calc. Sheet		

Design			kPaG
Temp.			degC
Size	3 in.	3 in.	
Sch No.	40	40	
Thickness	5.5	5.5	

Yamatake Corporation