

Control Valve Data Sheet

Item No. / Qty	1	1	Ref. No.	
Tag No.			Purchaser	
Service			End user	
			Project	
<Control valve>			<Remarks>	
Model	AGVB		SV0703-104 Indicating unit : "Mpa"	
Description	Top-Guided Single-Seat Control Valves		SV0201-003 Seat leakage: Less than 0.01%CV (Equivalent IEC, JIS Class IV)	
Body/Port size	1-1/2 in.	1-1/2 in.	SV0602-009 Air piping: Stainless steel (304ss) tube. Joint: Double-bite Joint.(316ss)	
Conn. Size. / Rated CV		30	SV0824-004 2014/68/EU (PED) GAS/CLASS II (NON-HAZARDOUS)	
Rating / Conn. Type	JIS10K	RF	SV0827-009 2014/68/EU(PED) SOUND ENGINEERING PRACTICE max. allowable pressure: 0.69MPaG	
Body material	SCS13A		REACH	
Trim material	SUS316			
Flow characteristic	EQ%			
Bonnet	PLAIN (-17 to 230 degC)			
Actuator / Handle	PSA1R			
Action	AIR TO OPEN			
Gland packing / Grease	V-PTFE			
Gasket	V543(PTFE)			
Air supply / Spring range	0.27MPa	0.08-0.24MPa	Replacement of old Prod No:R-LJ4Y7-41-011 (2007/06)	
Seat leakage	CLASS IV		ACT=>AGVB (for EU)	
Color: Body/Diaph./Yoke	No-painting	M10B5/10	M10B5/10	
Paint	Standard			
<Accessories>				
Positioner	AVP300-XAD2C-1DYS-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	Steam			STEAM
	MAX	NOR	MIN	Unit
Flow rate				kg/h
Inlet pressure	0.69			MPaG
Outlet pressure				MPaG
Differential press.				kPa
Shut-off press.		0.69		MPa
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
<Piping spec.>				
Strength Calc.Sheet				
Design Pressure				kPaG
Design Temperature				degC
Size		1-1/2 in.	1-1/2 in.	
Sch No.		40	40	
Thickness (mm)		3.7	3.7	
Azbil Corporation				