

# Control Valve Data Sheet

Item No. / Qty	1	1	Ref. No.	
Tag No.			Purchaser	
Service			End user	
			Project	
<b>&lt;Control valve&gt;</b>			<b>&lt;Remarks&gt;</b>	
Model	VFR		SV0703-105 Indicating unit : "kgf/cm2"	
Description	FloWing Eccentric Rotary Control Valve		SV0201-008 Seat leakage: IEC, JIS Class VI	
Body/Port size	3 in.	100%		
Conn. Size. / Rated CV			150	
Rating / Conn. Type	ANSI150	WAFER		
Body material	SCPH2			
Trim material	SCS24/SUS316+SOFT SEAT			
Flow characteristic	LINEAR APPROX.			
Bonnet	PLAIN (-29 to 230 degC)			
Actuator / Handle	RSA2R	BOTTOM		
Action	AIR TO OPEN			
Gland packing / Grease	V-PTFE+TK2006	---		
Gasket	---			
Air supply / Spring range	4.0kgf/cm2	0.8-2.4kgf/cm2		
Seat leakage	CLASS VI			
Color: Body/Diaph./Yoke	M10B5/10	M10B5/10	M10B5/10	Old Production No : R-72641-41-020 (1993)
Paint	Standard			
<b>&lt;Accessories&gt;</b>				
Positioner	AVP300-XSD3B-1DYU-X			
Structure	Water-proof, Rc1/4, G1/2			
Input signal	4-20 mADC			
Regulator	KZ03-2A-XX	1		
Regulator2				
Limit switch				
Action				
Solenoid valve	J320G174	1		
Action / Power	En: Control, De: Close	AC220V 50Hz		
Booster				
Air lock valve				
<b>&lt;Process data&gt;</b>				
Fluid name/Phase	AIR			GAS
	MAX	NOR	MIN	Unit
Flow rate				m3/h(N)
Inlet pressure				kPaG
Outlet pressure				kPaG
Differential press.				kPa
Shut-off press.				kPa
Temperature				degC
Density/Gravity(Liq)				kg/m3
Density/Gravity(G,V)				MW
Viscosity				mPa-s
Flash				%
Calculated CV				
Travel				%
Outlet velocity				Mach
Predictive SPL				dBA
<b>&lt;Piping spec.&gt;</b>				
Strength Calc. Sheet				
Design				kPaG
Temp.				degC
Size				
Sch No.				
Thickness				
<b>Azbil Corporation</b>				