

Item No./Qty	1	1	Ref. No.	
Tag No.	PCV-210		Purchaser	
Service			End user	
			Project/Unit	
<Control valve>			<Remarks>	
Model	VST		SV0703-105 Indicating unit : "kgf/cm2"	
Description	Top Guiding Single Seated Control Valves (Rating: ANSI 150)		SV0201-008 Seat leakage: IEC, JIS Class VI	
Body/Port size (in.)	10	8	SV0801-E04 Material certificate in English. Scope: valve body, bonnet, plug, seat ring (cage), stem, Bolts & nuts of	
Conn. Size./Rated CV		640	SV0203-001 Soft seat mat'l: Pure PTFE	
Rating/Conn. Type	ANSI150	RF	SV0203-002 Soft seat mat'l: PTFE containing Glass fiber	
Body material	SCPH2			
Trim material	SUS316+SOFT SEAT			
Flow characteristic	EQ% (%T)			
Bonnet	PLAIN (0 to 200 degC)			
Actuator/Handle	IQ25F14A	TOP		
Action	AIR TO CLOSE			
Gland packing/Grease	V-PTFE	---	POWER FAIL LOCK	
Gasket	V543			
Air supply/Spring range		XXX		
Seat leakage	CLASS VI		ELECTRIC ACTUATOR MODEL HAS BE CHANGED TO IQ25F14A FROM IQ16.	
Color: Body/Diaph./Yoke	M10B5/10	M10B5/10	M10B5/10	ACTUATED WITH AC415V 50Hz 3 PHASE POWER SUPPLY
Paint	Standard			

<Accessories>

Positioner	
Structure	
Input signal	
Regulator	
Regulator2	
Limit switch	
Action	
Solenoid valve	
Action	
Power	
Booster	
Air lock valve (setting)	

<Process data>

Fluid name/Phase	JET FUEL A-1		LIQUID	Unit	V93-3302-00
	MAX	NOR	MIN		
Flow rate	540		180	m3/h	
Inlet pressure	11.1		13	kgf/cm2G	<Strength calc. sheet>
Outlet pressure	9.6		8.7	kgf/cm2G	/Calc. Sheet
Differential press.	1.5			kgf/cm2	
Shut-off press.				kgf/cm2	
Temperature	80			degC	<Piping>
Density/Gravity(Liq)	830		830	kg/m3	Design press. 17.5 kgf/cm2G
Density/Gravity(G,V)				MW	Design temp. 80 degC
Viscosity				mPa-s	Size(in.) Up/Dwn
Flash				%	Sch No.
Calculated CV	468.9		92.32		Thickness (mm)
Travel				%	
Inlet velocity	3.057		1.019	m/s	
Predictive SPL	77		77	dBA	